

## PUBLICATIONS

### I. Peer-reviewed Original Papers

1. **Hricak H**, Vandermolen RL: Duodenocolonic fistula with gallstone ileus - the radiology corner. *Am J Gastroenterol* 1978; 69:711-715.
2. **Hricak H**, Toledo-Pereyra LH, Eyler WR, Madrazo BL, Zammit M: The role of ultrasound in diagnosis of kidney allograft rejection. *Radiology* 1979; 132:667-672.
3. **Hricak H**, Toledo-Pereyra LH, Eyler WR, Madrazo BL, SY GS: Evaluation of acute post-transplant renal failure by ultrasound. *Radiology* 1979; 133:443-447.
4. **Hricak H**, Toledo-Pereyra LH, Eyler WR, Madrazo BL: Role of ultrasound in renal transplantation: A review of clinical and experimental observations. *J Dialysis & Transplantation* 1979; 8(8):812-821.
5. **Hricak H**, Marks D, Eyler WR: Ventilatory abnormalities induced by pulmonary embolus, demonstration by V/Q scan. *Jour Nuc Med* 1979; 20:638.
6. **Hricak H**, Thoeni R, Margulis AR, Eyler WR, Francis I: Extension of gastric lymphoma into esophagus and duodenum. *Radiology* 1980; 135:309-312.
7. **Hricak H**, Sandler MA, Madrazo BL, Eyler WR: Sonographic manifestations of acute renal vein thrombosis - experimental study. *Invest Radiol* 1981; 16:30-35.
8. **Hricak H**, Cruz C, Eyler WR, Madrazo BL, Romanski R, Sandler MA: Acute post-transplant renal failure: Differential diagnosis by ultrasound. *Radiology* 1981; 139:441-449.
9. Madrazo BL, **Hricak H**, Sandler MA, Eyler WR: Sonographic findings in complicated peptic ulcer. *Radiology* 1981; 140:457-461.
10. Radecki PD, **Hricak H**, Oh HK: Jejunal diverticulitis with perforation. *Journal of Clinical Gastroenterology* 1981; 3:375-377.
11. **Hricak H**, Cruz C, Eyler WR, Madrazo BL, Sandler MA: Post-transplant renal failure: Differential diagnosis by ultrasound - experimental and clinical observations. *Medical Ultrasound* 1982; 6:1-10.
12. **Hricak H**, Romanski RN, Eyler WR: The renal sinus during allograft rejection: Sonographic and histopathological findings. *Radiology* 1982; 142(3):693-699.
13. **Hricak H**, Cruz C, Romanski R, Eyler WR, Levin NW, Madrazo BL, Sandler MA, Uniewski MH, Sawyer R: Renal parenchymal disease: Sonographic-histologic correlation. *Radiology* 1982; 144(1):141-147.
14. Madrazo BL, **Hricak H**, Sandler MA, Hudak SF, Eyler WR: Sonographic features of gastrointestinal neoplasms. *Radiology* 1982; 142:693-699.
15. Gitschlag KR, Sandler MA, Madrazo BL, **Hricak H**, Eyler WR: Disease in the femoral triangle. Sonographic appearance. *AJR* 1982; 139:491-496.

16. Madrazo BL, Francis I, **Hricak H**, Sandler MA, Hudak S, Gitschlag K: Sonographic findings in the perforation of the gallbladder. *AJR* 1982; 139:491-496.
17. Harrison MR, Golbus MS, Filly RA, Nakayama DK, Callen PW, Lorimer AA, **Hricak H**: Management of the fetus with congenital hydronephrosis. *J Pediatric Surgery* 1982; 17(6):728-742.
18. Fleischer AC, James AE Jr., MacDonnell RC Jr., Johnson HK, Ritchie RE Jr., **Hricak H**: Sonography of renal transplant patients. *AJR* 1982; 139:515-519.
19. **Hricak H**, Crooks L, Sheldon P, Kaufman L: NMR imaging of the kidney. *Radiology* 1983; 146:425-432.
20. Kaufman L, Crooks L, Sheldon P, **Hricak H**, Herfkens R, Baretts W: The potential impact of nuclear magnetic resonance imaging on cardiovascular diagnosis. *Circulation* 1983; 67(2):251-257.
21. **Hricak H**, Filly RA, Margulis AR, Moon KL, Crooks LE, Kaufman L: Work in progress: Nuclear magnetic resonance imaging of the gallbladder. A preliminary report. *Radiology* 1983; 147(2):481-484.
22. Moon KL Jr., **Hricak H**, Crooks LE, Gooding CA, Moss AA, Engelstad BL, Kaufman L: Nuclear magnetic resonance imaging of the adrenal gland: A preliminary report. *Radiology* 1983; 147:155-160.
23. **Hricak H**, Slovis TL, Alpers C, Callen PW, Romanski RN: Neonatal kidneys: Sonographic anatomic correlation. *Radiology* 1983; 147:699-702.
24. Herfkens RJ, Higgins CB, **Hricak H**, Lipton MJ, Crooks LE, Lanzer P, Botvinick E, Brundage B, Sheldon PE, Kaufman L: Nuclear magnetic resonance imaging of the cardiovascular system: Normal and pathologic findings. *Radiology* 1983; 147:749-759.
25. **Hricak H**, Williams RD, Moon KL Jr., Moss AA, Alpers C, Crooks LE, Kaufman L: Nuclear medicine resonance imaging of the kidney: Renal masses. *Radiology* 1983; 147:765-772.
26. **Hricak H**, Lieto RPL: Sonographic determination of renal volume. *Radiology* 1983; 148:311-312.
27. Herfkens RJ, Higgins CB, **Hricak H**, Lipton MJ, Sheldon PE, Crooks LE, Kaufman L: Nuclear magnetic resonance imaging of atherosclerotic disease. *Radiology* 1983; 148:161-166.
28. Higgins CB, Goldberg H, **Hricak H**, Crooks LE, Kaufman L: Nuclear magnetic resonance imaging of vasculature of abdominal viscera. Normal and pathologic features. *AJR* 1983; 140:1217-1225.
29. **Hricak H**, Higgins CB, Williams R: NMR imaging in retroperitoneal fibrosis. *AJR* 1983; 141:35-38.

30. **Hricak H**, Lue T, Filly RA, Alpers CE, Zeineh SJ, Tanagho EA: Experimental study in diagnosing testicular torsion. Experimental study. *J Ultrasound Med* 1983; 2:349-356.
31. Sahney S, Sandler MA, Weiss L, Levin NW, **Hricak H**, Madrazo BL: Adult polycystic kidney disease: presymptomatic diagnosis for genetic counseling. *Clin Nephrol* 1983; 20(2):89-93.
32. Kass DA, **Hricak H**, Davidson AJ: Renal malignancies with normal excretory urograms. *AJR* 1983; 141:731-734.
33. Kerlan R, **Hricak H**, Gross BH, Sollenberger RD, Moss AA, Spivak SD: Hepatic metastases from colonic carcinoma detected by computed tomographic angiography and nuclear resonance: A case report. *Clin Gastro* 1983; 5:461-464.
34. Jeffrey RB, Laing FC, **Hricak H**, McAninch JW: Sonography of testicular trauma. *AJR* 1983; 141:993-995.
35. **Hricak H**, Williams RD, Spring DB, Moon KL, Jr., Hedgcock MW, Watson RA, Crooks LE: Anatomy and pathology of the male pelvis by magnetic resonance imaging. *AJR* 1983; 141:1101-1110.
36. **Hricak H**, Alpers C, Crooks LE, Sheldon PE: Magnetic resonance imaging of the female pelvis: Initial experience. *AJR* 1983; 141:1119-1128.
37. Madrazo BL, Goildstein A, Beute G, Parks J, **Hricak H**. The value of pre- and post-processing of liver images in the detection of liver masses. *Ultrasound Med Biol* 1983; Suppl 2:149-150.
38. Kerlan R, **Hricak H**, Gross BH, Sollenberger RD, Moss AA, Spivak SD. Nuclear magnetic resonance and computed tomography in the detection of hepatic metastases. *J Clin Gastro Enterol* 1983; 5:461-464.
39. Moon KL Jr., **Hricak H**, Margulis AR, Bernhoft R, Way LW, Filly RA, Crooks LE. Nuclear magnetic resonance imaging characteristics of gallstones in vitro. *Radiology* 1983; 148:753-756.
40. Spies JB, **Hricak H**, Slemmer TM, Zeineh A, Alpers CE, Zayat P, Lue TF., Kerlan RK Jr., Madrazo BL, Sandler MA. Sonographic evaluation of experimental acute renal arterial occlusion in dogs. *AJR* 1984; 142:341-346.
41. Mahoney BS, Filly RA, Callen PW, **Hricak H**, Golbus MS, Harrison MR. Fetal renal dysplasia: Sonographic evaluation. *Radiology* 1984; 152:143-146.
42. Doms GC, **Hricak H**, Crooks L, Higgins CB. Magnetic resonance imaging of the lymph nodes: Comparison with CT. *Radiology* 1984; 153:719-728.

43. Slovis TL, Babcock DS, **Hricak H**, Han BK, Rose G, McEnery P, Muz J, Chang CH, Fleishman LE, Corbett DP. Renal transplant rejection: Sonographic evaluation in children. *Radiology* 1984; 153:659-665.
44. Ehman RL, McNamara MT, Pollack M, **Hricak H**, Higgins CB. Magnetic resonance imaging with respiratory gating: Techniques and advantages. *AJR* 1984; 143(6):1175-1182.
45. Higgins CB, Herfkens RJ, **Hricak H**, Lipton MJ, Ring E, Crooks LE, Kaufman L. Nuclear magnetic resonance imaging of atherosclerosis. *Radiographics* 1984; 4:137-149.
46. Amparo EG, Higgins CB, Hoddick W, **Hricak H**, Kerlan RK, Ring EJ, Kaufman L, Hedgecock MW. Magnetic resonance imaging of aortic disease: Preliminary results. *AJR* 1984; 143:1203-1209.
47. Amparo EG, Higgins CB, **Hricak H**. Primary diagnosis of arteriovenous fistula by MR imaging. *JCAT* 1984; 8(6):1140-1142.
48. **Hricak H**, Amparo EG. Body MRI: Alleviation of claustrophobia by prone positioning. *Radiology* 1984; 152(3):819.
49. Fisher MR, Doms GC, **Hricak H**, Reinhold C, Higgins CB. Magnetic resonance imaging of the normal and pathologic muscular system. *Magnetic Resonance Imaging* 1984; 4:491-496.
50. McCarthy SM, Stark DD, Filly RA, Callen PW, **Hricak H**, Higgins CB. Obstetrical magnetic resonance imaging: Maternal anatomy. *Radiology* 1985; 154:421-425.
51. McCarthy SM, Filly RA, Stark DD, **Hricak H**, Brant-Zawadzki MN, Callen PW, Higgins CB. Obstetrical magnetic resonance imaging: Fetal anatomy. *Radiology* 1985; 154:427-432.
52. **Hricak H**, Demas BE, Williams RD, McNamara MT, Hedgecock MW, Amparo EG, Tanagho EA. Magnetic resonance imaging in the diagnosis and staging of renal and perirenal neoplasms. *Radiology* 1985; 154:709-715.
53. Doms GC, Fisher MF, **Hricak H**, Richardson M, Crooks LE, Genant HK. Bone marrow imaging: Magnetic resonance studies related to age and sex. *Radiology* 1985; 155:429-432.
54. Amparo EG, Higgins CB, **Hricak H**, Sollitto R. Aortic dissection: Magnetic resonance imaging. *Radiology* 1985; 155:399-406.
55. Stark DD, McCarthy SM, Filly RA, Parer JT, **Hricak H**, Callen PW. Pelvimetry by magnetic resonance imaging. *AJR* 1985; 144:947-950.

56. Amparo EG, Hoddick WK, **Hricak H**, Sollitto R, Justich E, Filly RA, Higgins CB. Comparison of magnetic resonance imaging and ultrasonography in the evaluation of abdominal aortic aneurysms. *Radiology* 1985; 154:451-456.
57. Justich E, Amparo EG, **Hricak H**, Higgins CB. Infected aortoiliacofemoral grafts: Magnetic resonance imaging. *Radiology* 1985; 154:133-136.
58. Stark DD, McCarthy SM, Filly RA, Callen PW, Parer JT, **Hricak H**. Intrauterine growth retardation: Evaluation by magnetic resonance. *Work in Progress. Radiology* 1985; 155:425-427.
59. Ehman RL, Kjos BO, **Hricak H**, Brasch RC, Higgins CB. Relative intensity of abdominal organs in MR images. *JCAT* 1985; 9(2):315-319.
60. Lue TF, **Hricak H**, Marich KW, Tanagho EA. Vasculogenic impotence evaluated by high- resolution ultrasonography and pulsed Doppler spectrum analysis. *Radiology* 1985; 155:777-781.
61. Schmidt HC, Tscholakoff D, **Hricak H**, Higgins CB. MR image contrast and relaxation times of solid tumors in the chest, abdomen and pelvis. *JCAT* 1985; 9(4):738-748.
62. Doms GC, **Hricak H**, Moseley ME, Bottles K, Fisher M, Higgins CB. Characterization of lymphadenopathy by magnetic resonance relaxation times: Preliminary results. *Radiology* 1985; 155:691-697.
63. **Hricak H**, Amparo E, Fisher MR, Crooks L, Higgins CB. Abdominal venous system: Assessment using MR. *Radiology* 1985; 156:415-422.
64. Fisher M, **Hricak H**, Reinhold C, Proctor E, Williams R. Female urethral carcinoma. MRI staging. *AJR* 1985; 144:603-604.
65. Fisher MR, Wall SD, **Hricak H**, McCarthy S, Kerlan RK. Hepatic vascular anatomy on magnetic resonance imaging. *AJR* 1985; 144:739-746.
66. **Hricak H**, Lacey C, Schriock E, Fisher MR, Amparo E, Doms G, Jaffe R. Gynecologic masses: Value of magnetic resonance imaging. *Am J Obstet Gynecol* 1985; 153(1):31-37.
67. Terrier F, **Hricak H**, Revel D, Alpers C, Bretan P, Ehman RL, Feduska NJ. Magnetic resonance imaging in the diagnosis of acute renal allograft rejection and its differentiation from acute tubular necrosis. Experimental study in the dog. *Invest Radiol* 1985; 20(6):617-625.

68. Fisher MR, **Hricak H**, Crooks LE. Urinary bladder MR imaging. Part I. Normal and benign conditions. *Radiology* 1985; 157:467-470.
69. Fisher MR, **Hricak H**, Tanagho EA. Urinary bladder MR imaging. Part II. Neoplasm. *Radiology* 1985; 157:471-477.
70. Doms GC, Fisher MR, **Hricak H**, Higgins CB. MR imaging of intramuscular hemorrhage. *JCAT* 1985; 9(5):908-913.
71. Demas BE, **Hricak H**, Moseley M, Wall SD, Moon K, Goldberg HI, Margulis AR. Gallbladder bile: An experimental study in dogs using MR imaging and proton MR spectroscopy. *Radiology* 1985; 157:453-455.
72. Doms GC, **Hricak H**, Sollitto RA, Higgins CB. Lipomatous tumors and tumors with fatty component: MR imaging potential and comparison of MR and CT results. *Radiology* 1985; 157:479-483.
73. Fisher MR, Barker B, Amparo EG, Brandt G, Brant-Zawadzki M, **Hricak H**, Higgins CB. MR imaging using specialized coils. *Radiology* 1985; 157:443-447.
74. Stoller ML, Kogan BA, **Hricak H**. Spermatic cord torsion: Diagnostic cord torsion: Diagnostic limitations. *Pediatrics* 1985; 76(6):929-933.
75. Terrier F, Revel D, **Hricak H**, Feduska N. MRI of a retained sponge in a dog. *Magn Reson Imaging* 1985; 3:283-286.
76. Rosen L, Hoddick WK, **Hricak H**, Lue TF. Urachal carcinoma. *Urol Radiol* 1985; 7:174-177.
77. Demas BE, **Hricak H**, Goldberg HI, Margulis AR. MRI in the diagnosis of hepatic metastases in the presence of negative CT studies. *J Gastroenterology* 1985; 7(6):553-560.
78. Fisher MR, **Hricak H**, Higgins CB. Magnetic resonance imaging of developmental venous anomalies. *AJR* 1985; 145:705-709.
79. McCarthy SM, Filly RA, Stark DD, Callen PW, Golbus MS, **Hricak H**. Magnetic resonance imaging of fetal anomalies in utero: Early experience. *AJR* 1985; 145:677-682.
80. Wall SD, Fisher MR, Amparo EG, **Hricak H**, Higgins CB. Magnetic resonance imaging in the evaluation of abscesses. *AJR* 1985; 144:1217-1221.

81. Demas BE, **Hricak H**, Goldberg HI, Margulis AR. Magnetic resonance imaging diagnosis of hepatic metastases in the presence of negative CT studies. *J Clin Gastroenterol* 1985; 7:553-560.
82. Terrier F, **Hricak H**, Revel D, Alpers CE, Reinhold CE, Levine J, Genant HK. Magnetic resonance imaging and spectroscopy of the periarticular inflammatory soft-tissue changes in experimental arthritis of the rat. *Invest Radiol* 1985; 20:813-823.
83. Doods GC, **Hricak H**, Margulis AR, de Geer G. MR imaging of fat. *Radiology* 1986; 158:51-54.
84. McCarthy S, **Hricak H**, Cohen M, Fisher MR, Winkler ML, Filly RA, Margulis AR. Cholecystitis: Detection with MR imaging. *Radiology* 1986; 158:333-336.
85. **Hricak H**, Tscholakoff D, Heinrichs L, Fisher MR, Doods GC, Reinhold C, Jaffe RB. Uterine leiomyomas: Correlation of MR, histopathologic findings, and symptoms. *Radiology* 1986; 158:385-391.
86. Terrier F, **Hricak H**, Revel D, Alpers CE, Reinhold CE, Levine J, Genant HK. Magnetic resonance imaging and spectrometry of the periarticular inflammatory soft tissue changes in the arthritic rat. *Invest Radiology* 1986; 02(8):813-823.
87. Doods GC, Fisher MR, Higgins CB, **Hricak H**, Goldberg HI, Margulis AR. MR imaging of the dilated biliary tract. *Radiology* 1986; 158:337-341.
88. McClure RD, **Hricak H**. Scrotal ultrasound in the infertile man: Detection of subclinical unilateral and bilateral varicoceles. *J Urol* 1986; 135:711-715.
89. Cruz C, **Hricak H**, Samhouri F, Smith RF, Eyler WR, Levin NW. Contrast media for angiography: Effect on renal function. *Radiology* 1986; 158:109-112.
90. Demas BE, **Hricak H**, Jaffe RB. Uterine MR imaging: Effects of hormonal stimulation. *Radiology* 1986; 159:123-126.
91. Winkler MR, **Hricak H**. Pelvis imaging with MR: Technique for improvement. *Radiology* 1986; 158:848-849.
92. Doods GC, **Hricak H**, Tscholakoff D. Adnexal structures: MR imaging. *Radiology* 1986; 158:639-646.
93. McClure RD, **Hricak H**. Magnetic resonance imaging: Its application to male infertility. *Urology* 1986; 27(2):91-98.

94. **Hricak H**, Marks AS, Alpers CE, Littleton RH. Sonographic evaluation of the rejecting ureter. *Urol Radiol* 1986; 8:25-31.
95. Doods GC, Kerlan RK Jr., **Hricak H**, Wall SD, Margulis AR. Cholangiocarcinoma: Imaging by MR. *Radiology* 1986; 159:89-94.
96. Bretan PN Jr., Vigneron DB, James TL, Williams RD, **Hricak H**, Juenemann KP, Yen TS, Tanagho EA. Assessment of renal viability by phosphorus-31 magnetic resonance spectroscopy. *J Urol* 1986; 135:866-871.
97. Mee S, **Hricak H**, Kogan BA, Molnar JJ. An 18-year-old woman born with cloacal exstrophy. (Clinical Conference). *J Urol* 1986; 135:762-764.
98. Terrier F, Revel D, **Hricak H**, Alpers CE, Reinhold CE, Levine J, Higgins CB. Changes in proton relaxation times of the rat spleen during adjuvant-induced immunologic reaction. *Invest Radiol* 1986; 21:221-226.
99. Hoddick W, Filly RA, Backman U, Callen PW, Vincenti F, **Hricak H**, Mahony B, Amend W. Renal allograft rejection: US evaluation. *Radiology* 1986; 161:469-473.
100. **Hricak H**, Demas BE, Braga CA, Fisher MR, Winkler ML. Gestational trophoblastic neoplasm of the uterus: MR assessment. *Radiology* 1986; 161:11-16.
101. Bretan PN, Orvis B, **Hricak H**, Egerter DA, Tanagho EA. Assessment of retroperitoneal mass in a 65-year-old woman by MRI. *J Urol* 1986; 136:71-75.
102. Bretan PN Jr., Williams RD, **Hricak H**. Preoperative assessment of retroperitoneal pathology by magnetic resonance imaging. Primary leiomyosarcoma of inferior vena cava. *Urology* 1986; 28:251-255.
103. Wall SD, **Hricak H**, Bailey GD, Kerlan RK, Goldberg HI, Higgins CB. MR imaging of pathologic abdominal fluid collections. *JCAT* 1986; 10(5):746-750.
104. Bretan PN, Vigneron DB, **Hricak H**, Jueneman KP, Williams RD, Tanagho EA, James TL. Assessment of renal preservation by phosphorus-31 magnetic resonance spectroscopy: In vivo normothermic blood perfusion. *J Urol* 1986; 136:1356-1359.
105. Terrier F, Revel D, Pajannen H, Richardson M, **Hricak H**, Higgins CB. MR imaging of body fluid collections. *JCAT* 1986; 10(6):953-962.
106. Terrier F, **Hricak H**, Justich E, Doods GC, Grodd W. The diagnostic value of renal cortex-to-medulla contrast on magnetic resonance images. *Eur J Radiol* 1986; 6:121-126.



107. **Hricak H**, Terrier F, Demas BE. Renal allografts: Evaluation by MR imaging. *Radiology* 1986; 159:435-441.
108. Bretan PN Jr., Busch MP, **Hricak H**, Williams RD. Chronic renal failure: A significant risk factor in the development of acquired renal cysts and renal cell carcinoma. Case reports and review of the literature. *Cancer* 1986; 57:1871-1879.
109. Lue TF, **Hricak H**, Schmidt RA, Tanagho EA. Functional evaluation of penile veins by cavernosography in papaverine-induced erection. *J Urol* 1986; 135:479-482.
110. Doods GC, **Hricak H**, Berthiaume Y, Uske A, Kucharczyk W, Brant-Zawadski M, Higgins CB. Magnetic resonance imaging of hemorrhagic lesions: Evolution of the intrinsic relaxation parameters from time of onset of symptoms. *J Belge Radiol* 1986; 69:335-343.
111. **Hricak H**, Doods GC, Jeffrey RB, Avallone A, Jacobs D, Benton WK, Narayan P, Tanagho EA. Prostatic carcinoma: Staging by clinical assessment, CT and MR imaging. *Radiology* 1987; 162:331-336.
112. Mark AS, **Hricak H**. Intrauterine contraceptive devices: MR imaging. *Radiology* 1987; 162:311-314.
113. Bretan PN Jr., Vigneron DB, **Hricak H**, Collins GM, Price DC, Tanagho EA, James TL. Assessment of clinical renal preservation by 31 P-MRS. *J Urol* 1987; 137:146-150.
114. **Hricak H**, Stern JL, Fisher MR, Shapeero LG, Winkler ML, Lacey CG. Endometrial carcinoma staging by MR imaging. *Radiology* 1987; 162:297-305.
115. **Hricak H**, Doods GC, McNeal JE, Mark AS, Marotti M, Avallone A, Pelzer M, Proctor EC, Tanagho EA. Magnetic resonance imaging of the prostate gland: Normal anatomy. *AJR* 1987; 148:51-58.
116. Bretan PN Jr., Vigneron DB, **Hricak H**, McClure RD, Yen TS, Moseley M, Tanagho EA, James TL. Assessment of testicular metabolic integrity with P-31 MR spectroscopy. *Radiology* 1987; 162:867-871.
117. Tscholakoff D, **Hricak H**, Thoeni R, Winkler ML, Margulis AR. MR imaging in the diagnosis of pancreatic disease. *AJR* 1987; 148:703-709.
118. **Hricak H**, Terrier F, Marotti M, Engelstad BL, Filly RA, Vincenti F, Duca RM, Bretan PN Jr., Higgins CB, Feduska N. Posttransplant renal rejection: Comparison of quantitative scintigraphy, US and MR imaging. *Radiology* 1987; 162:685-688.

119. Demas B, **Hricak H**, Williams RD, Leibel S, Reinhold C, Higgins CB. Magnetic resonance imaging evaluation of radiation-induced changes in experimentally implanted renal cell carcinoma. *Invest Radiol* 1987; 22(3):206-208.
120. Mark AS, **Hricak H**, Heinrichs L, Hendrickson MR, Winkler ML, Bachica JA, Stickler JE. Adenomyosis and leiomyoma: Differential diagnosis with MR. *Radiology* 1987; 163:527-529.
121. Terrier F, **Hricak H**, Berry I, Yen BT, Grodd W. Edema and the lack of blood perfusion produce opposite effects on the magnetic resonance characteristics of acutely ischemic rat kidneys. *Invest Radiol* 1987; 22:118-125.
122. Fritzsche PJ, **Hricak H**, Kogan BA, Winkler ML, Tanagho EA. Undescended testis: Value of MR imaging. *Radiology* 1987; 164:169-173.
123. **Hricak H**, Jeffrey RB, Dooks GC, Tanagho EA. Evaluation of prostate size: A comparison of ultrasound and magnetic resonance imaging. *Urol Radiol* 1987; 9:1-8.
124. Kogan BA, **Hricak H**, Tanagho EA. Magnetic resonance imaging in genital anomalies. *J Urol* 1987; 138:1028-1030.
125. Winkler ML, **Hricak H**, Higgins CB. MR imaging of diffusely infiltrated gastric carcinoma. *JCAT* 1987; 11(2):337-339.
126. Marotti M, **Hricak H**, Terrier F, McAninch JW, Thuroff JW. MR in renal disease: Importance of cortical-medullary distinction. *Magn Reson Med* 1987; 5:160-162.
127. Marotti M, **Hricak H**, Fritzsche P, Crooks LE, Hedgcock MW, Tanagho EA. Complex and simple renal cysts: Comparative evaluation with MR imaging. *Radiology* 1987; 162:679-684.
128. Lue TF, **Hricak H**, Schmidt RA, Tanagho EA. Functional evaluation of penile veins by cavernosography in papaverine-induced erection. *J Urol* 1988; 135:479-482.
129. **Hricak H**, Thoeni RF, Carroll PR, Demas BE, Marotti M, Tanagho EA. Detection and staging of renal neoplasms: A reassessment of MR imaging. *Radiology* 1988; 166:643-649.
130. **Hricak H**, Lacey CG, Sandles LG, Chang YC, Winkler ML, Stern JL. Invasive cervical carcinoma: Comparison of MR imaging and surgical findings. *Radiology* 1988; 166:623-631.
131. Thurnher S, **Hricak H**, Carroll PR, Pobielski RS, Filly RA. Imaging the testis: Comparison between MR imaging and US. *Radiology* 1988; 167:631-636.

132. Thurnher S, **Hricak H**, Tanagho EA. Müllerian duct cyst: Diagnosis with MR imaging. *Radiology* 1988; 168:25-28.
133. Andreyko JL, Blumenfeld Z, Marshall LA, Monroe SE, **Hricak H**, Jaffe RB. Use of an agonistic analog of GnRH (NAFARELIN) to treat leiomyomata: Assessment by magnetic resonance imaging. *Am J Obstet Gynecol* 1988; 158(4):903-910.
134. **Hricak H**, Chang YCF, Thurnher S. Vagina: Evaluation with MR imaging. Part I. Normal anatomy and congenital anomalies. *Radiology* 1988; 169:169-174.
135. Chang YCF, **Hricak H**, Thurnher S, Lacey CG. Vagina: Evaluation with MR imaging. Part II. Neoplasms. *Radiology* 1988; 169:175-179.
136. **Hricak H**, Marotti M, Gilbert TJ, Lue TF, Wetzel LH, McAninch JW, Tanagho EA. Normal penile anatomy and abnormal penile conditions: Evaluation with MR imaging. *Radiology* 1988; 169:683-690.
137. Arrive L, Chang YCF, **Hricak H**, Brescia RJ, Auffermann W, Quivey JM. Radiation-induced uterine changes: MR imaging. *Radiology* 1988; 170:55-58.
138. Demas BE, Avallone A, **Hricak H**. Pelvic lipomatosis: Diagnosis and characterization by magnetic resonance imaging. *Urol Radiol* 1988; 10:198-202.
139. Vigneron DB, Tzika AA, **Hricak H**, Price DC, Bretan P, Aboseif S, Müller S, James TL. Complete and partial ureteral obstruction: Evaluation of renal effects with P-31 MR spectroscopy and Tc-DMSA scintigraphy. *Radiology* 1988; 168:645-650.
140. Tzika AA, Thurnher S, **Hricak H**, Price DC, Arrive L, Aboseif S, Engelstad BL, Rector FC Jr. Rapid, contrast-enhanced, diuretic MR imaging of partial ureteral obstruction: Experimental study in micropigs. *Invest Radiol* 1989; 24:37-46.
141. Arrive L, **Hricak H**, Goldberg HI, Thoeni RF, Margulis AR. MR appearance of the liver after partial hepatectomy. *AJR* 1989; 152:1215-1220.
142. Arrive L, **Hricak H**, Martin M. Pelvic endometriosis: MR imaging. *Radiology* 1989; 171:687-692.
143. Vigneron DB, **Hricak H**, James TL. Androgen sensitivity of rat prostate carcinoma studied by 31P NMR spectroscopy, 1H MR imaging and 23Na MR imaging. *Magn Reson Med* 1989; 11:152-160.
144. Arrive L, **Hricak H**, Tavares NJ, Miller TR. Malignant versus nonmalignant retroperitoneal fibrosis: Differentiation by MR imaging. *Radiology* 1989; 172; 139-143.

145. Shapeero LG, **Hricak H**. Mixed Müllerian sarcoma of the uterus: MR imaging findings. *AJR* 1989; 153:317-319.
146. Thurnher S, Tzika AA, **Hricak H**, Mattei P, Aboseif S, Engelstad B, Price DC. Noncontrast and contrast enhanced MR imaging in the evaluation of partial ureteral obstruction: An experimental study in the micropig. *Invest Rad* 1989; 24:544-554.
147. Tzika AA, Vigneron DB, **Hricak H**, Moseley M, James TL, Kogan BA. P-31 MR spectroscopy in assessing testicular torsion: Rat model. *Radiology* 1989; 172:753-757.
148. Bretan PN, Vigneron DB, **Hricak H**, Tom RA, Moseley M, Tanagho EA, James TL. Assessment of male fertility--correlations of semen analysis and 31 P-MRS parameters. *Urology* 1989; 33:116.
149. Semelka R, Anderson M, **Hricak H**. Prosthetic testicle: Appearance at MR imaging. *Radiology* 1989; 173:561-562.
150. Arrive L, Thurnher S, **Hricak H**, Price DC. Magnetic resonance imaging of splenic iron overload. *Europ J of Radiol* 1990; 10:98-104.
151. **Hricak H**, Chang YFC, Parer JT. Cervical incompetence: Preliminary evaluation with MR imaging. *Radiology* 1990; 174:821-826.
152. Tavares NJ, Demas BE, **Hricak H**. MR imaging of bladder neoplasms: Correlation with pathologic staging. *Urol Radiology* 1990; 12:27-33.
153. Semelka RC, **Hricak H**, Tomei E, Floth A, Stoller M. Obstructive nephropathy: Evaluation with dynamic Gd-DTPA-enhanced MR imaging. *Radiology* 1990; 175:797-803.
154. Sugimura K, Carrington B, Quivey J, **Hricak H**. Postirradiation changes in the pelvis: Assessment with MR imaging. *Radiology* 1990; 175:805-813.
155. Semelka RC, Chew W, **Hricak H**, Tomei E, Higgins CB. Fat-saturation MR imaging of the upper abdomen. *AJR* 1990; 155:1111-1116.
156. Carrington BM, **Hricak H**, Nuruddin RN, Secaf E, Laros RK, Hill EC. Müllerian duct anomalies: MR imaging evaluation. *Radiology* 1990; 176:715-720.
157. Chew WM, **Hricak H**, McClure RD, Wendland MF. In vivo human testicular function assessed by 31P MRS. *Radiology* 1990; 177:743-747.

158. Brown JJ, Thurnher S, **Hricak H**. MR imaging of the uterus: Low-signal-intensity abnormalities of the endometrium and endometrial cavity. *Magn Res Imag* 1990; 8:309-313.
159. **Hricak H**, Secaf E, Buckley DW, Brown JJ, Tanagho EA, McAninch JW. Female urethra: MR imaging. *Radiology* 1991; 178:527-535.
160. Semelka RC, **Hricak H**, Stevens SK, Finegold R, Tomei E, Carroll PR. Combined gadolinium-enhanced and fat-saturation MR imaging of renal masses. *Radiology* 1991; 178:803-809.
161. Secaf E, Nuruddin RN, **Hricak H**, McClure RD, Demas B. MR imaging of the seminal vesicles. *AJR* 1991; 156:989-994.
162. McClure RD, Khoo D, Jarvi K, **Hricak H**. Subclinical varicocele: The effectiveness of varicocelectomy. *J Urol* 1991; 145:789-791.
163. **Hricak H**, Rubinstein LV, Gherman GM, Karstaedt N. MR imaging evaluation of endometrial carcinoma: Results of an NCI cooperative study. *Radiology* 1991; 179:829-832.
164. Ehman RL, Bryan RN, Crues JV, **Hricak H**, Kressel HY, Lenkinski RE, Mitchell DG, Moseley ME, Riederer SJ, Ross JR. Magnetic resonance. *Radiology* 1991; 178(3):907-910.
165. **Hricak H**, Hamm B, Semelka RC, Secaf E, Nauert T, Stern J, Cann C, Wolf KJ. Carcinoma of the uterus: Use of gadopentetate dimeglumine in MR Imaging. *Radiology* 1991; 181:95-106.
166. Myneni L, **Hricak H**, Carroll PR. Magnetic resonance imaging of renal cell carcinoma with extension into the vena cava: Staging accuracy and recent advances. *Brit J Urol* 1991; 68:571-578.
167. Stevens SK, **Hricak H**, Stern JL. Ovarian lesions: Detection and characterization with gadolinium-enhanced MR imaging at 1.5T. *Radiology* 1991; 181:481-488.
168. Seelos KC, Caputo GR, Carrol CL, **Hricak H**, Higgins CB. Cine gradient refocused echo (GRE) imaging of intravascular masses: Differentiation between tumor and non tumor thrombus. *JCAT* 1992; 16(2):169-175.
169. Gleason CA, Kaula NF, **Hricak H**, Schmidt RA, Tanagho EA. The effect of magnetic resonance imagers on implanted neurostimulators. *PACE* 1992; 15; 81-94.
170. **Hricak H**, Finck S, Hondo G, Göranson H. MR imaging in the evaluation of benign uterine masses: Value of gadopentetate dimeglumine-enhanced T1-weighted images. *AJR* 1992; 158:1048-1050.
171. Stoller ML, Floth A, **Hricak H**, Andersen M, Baskin LS. MRI and renal calculi: An in vitro study. *Journal of Lithotripsy and Stone Disease* 1991 Apr;3(2):162-4

172. Carroll PR, Sugimura K, Cohen MB, **Hricak H**. Detection and staging of prostatic carcinoma after transurethral resection or open enucleation of the prostate: Accuracy of magnetic resonance imaging. *J Urol* 1992; 147(2):402-406.
173. Semelka RC, Shoenut P, Kroeker MA, **Hricak H**, Minuk GY, Yaffe CS, Micflikier AB. Bile duct disease: Prospective comparison of ERCP, CT, and fat suppression MRI. *Gastrointest Radiol* 1992; 17:347-352.
174. Dixon CM, **Hricak H**, McAninch JW. Magnetic resonance imaging of traumatic posterior urethral defects and pelvic crush injuries. *J Urol* 1992; 143:1162-1165.
175. **Hricak H**, Carroll P. Determination of prostate volume with transrectal ultrasound for cancer screening. Part I. Comparison with prostate specific antigen assays. *Invest Radiol* 1992; 27(9):751-753.
176. Stevens SK, **Hricak H**, Campos Z. Teratomas versus cystic hemorrhagic adnexal lesions: Differentiation with proton-selective fat-saturation MR imaging. *Radiology* 1993; 186:481-488.
177. Semelka RC, **Hricak H**, Bis KG, Werthmuller WC, Higgins CB. Liver lesion detection: Comparison between excitation-spoiling fat suppression and regular spin-echo at 1.5T. *Abdom Imaging* 1993; 18:56-60.
178. Popovich MJ, **Hricak H**, Sugimura K, Stern JL. The role of MR imaging in determining surgical eligibility for pelvic exenteration. *AJR* 1993; 160:525-531.
179. Bretan PN Jr., Vigneron DB, **Hricak H**, Price DC, Yen TSB, Luo J-A, Tanagho EA, James TL. Assessment of in situ renal transplant viability by 31P-MRS: Experimental study in canines. *The American Surgeon* 1993; 59:182-187.
180. Armenakas NA, McAninch JW, Lue TF, Dixon CM, **Hricak H**. Post-traumatic impotence: Magnetic resonance imaging and duplex ultrasound in diagnosis and management. *J Urol* 1993; 149:1272-1275.
181. Narumi Y, **Hricak H**, Armenakas NA, Dixon CM, McAninch JW. MR imaging of traumatic posterior urethral injury. *Radiology* 1993; 188:439-443.
182. **Hricak H**, Swift P, Campos Z, Quivey JM, Gildengorin V, Göranson H. Irradiation of the cervix uteri: value of unenhanced and contrast-enhanced MR imaging. *Radiology* 1993; 189:381-388.

183. **Hricak H**, Quivey JM, Campos Z, Gildengorin V, Hindmarsh T, Bis KG, Stern JL, Phillips TL. Carcinoma of the cervix: Predictive value of clinical and magnetic resonance (MR) imaging assessment of prognostic factors. *Int J Radiat Oncol Biol Phys* 1993; 27(4):791-801.
184. Kim B, **Hricak H**, Tanagho EA. Diagnosis of urethral diverticula in women: Value of MR imaging. *AJR* 1993; 161(4):809-815.
185. Ehman RL, Bryan RN, Crues JV, Herfkens RJ, **Hricak H**, Kressel HY, Lenkinski RE, Mitchell DG, Riederer SJ, Ross JR. MR Imaging Vignettes. *Radiology* 1993; 186:916-921.
186. Vapnek JM, **Hricak H**, Shinohara K, Popovich M, Carroll P. Staging accuracy of magnetic resonance imaging versus transrectal ultrasound in stages A and B prostatic cancer. *Urol Int* 1994; 53:191-195.
187. Secaf E, **Hricak H**, Ho VW, Gooding CA, Gorczyca DP, Ringertz H, Conte FA, Kogan BA, Grumbach MM. Role of MRI in the evaluation of ambiguous genitalia. *Pediatric Radiology* 1994; 24:231-235.
188. **Hricak H**, White S, Vigneron D, Kurhanewicz J, Kosco A, Levin D, Weiss J, Narayan P, Carroll PR. Carcinoma of the prostate gland: MR imaging with pelvic phased-array coils versus integrated endorectal-pelvic phased-array coils. *Radiology* 1994; 193:703-709.
189. **Hricak H**, Phillips T. The influence of tumor size and morphology on the outcome of patients with FIGO Stage IB squamous cell carcinoma of the uterine cervix. *Int J Radiation Oncol Biol Phys* 1994; 29 (1):201-203.
190. Forstner R, **Hricak H**. Congenital malformations of the uterus. *Der Radiologe* 1994; 34(7):397-404.
191. Kim B, Semelka RC, Ascher SM, Chalpin DB, Carroll PR, **Hricak H**. Bladder tumor staging: Comparison of contrast-enhanced CT, T1- and T2-weighted MR imaging, dynamic gadolinium-enhanced imaging, and late gadolinium-enhanced imaging. *Radiology* 1994; 193:239-245.
192. Carrier S, **Hricak H**, Baba K, Morgan DM, Lee SS, Nunes L, Ross G, Phillips T, Lue TF. Radiation-induced decrease in nitric oxide synthase-containing nerves in the rat penis. *Radiology* 1995; 195:95-99.
193. White S, **Hricak H**, Forstner R, Kurhanewicz J, Vigneron D, Zaloudek C, Weiss J, Narayan P, Carroll P. Prostate cancer: Effect of postbiopsy hemorrhage on interpretation of MR images. *Radiology* 1995; 195:385-390.
194. Kurhanewicz J, Vigneron DB, Nelson SJ, **Hricak H**, MacDonald JM, Konety B, Narayan P. Citrate as an in vivo marker to discriminate prostate cancer from benign prostatic hyperplasia and normal

prostate peripheral zone: Detection via localized proton spectroscopy. *Urology* 1995; 45(3):459-466.

195. Subak LL, **Hricak H**, Powell CB, Azizi L, Stern JL. Cervical carcinoma: Computed tomography and magnetic resonance imaging for preoperative staging. *Obstet Gynecol* 1995; 86:43-50.
196. Forstner R, **Hricak H**, Powell CB, Azizi L, Frankel SB, Stern JL. Ovarian cancer recurrence: Value of MR imaging. *Radiology* 1995; 196:715-720.
197. Forstner R, **Hricak H**, Occhipinti KA, Powell CB, Frankel SD, Stern JL. Ovarian cancer: Staging with CT and MR imaging. *Radiology* 1995; 197:619-626.
198. Forstner R, **Hricak H**, Kalbhen CL, Kogan BA, McAninch JW. MRI of vascular lesions of the scrotum and penis: A report of two cases. *Urology* 1995; 46(4):581-583.
199. Forstner R, Chen M, **Hricak H**. Imaging of ovarian cancer. *JMRI* 1995; 5:606-613.
200. Parivar F, Kurhanewicz J, **Hricak H**, Shinohara K, Narayan P, Carroll PR. Proton magnetic resonance spectroscopic imaging of prostate may reliably identify viable prostate after cryosurgery. *J Urol* 1995; 153(4):519A.
201. Wolf, JS, Jr, Cher M, Dallera M, Presti JC, Jr, **Hricak H**, Carroll PR. The use and accuracy of cross-sectional imaging and fine-needle aspiration cytology for detection of pelvic lymph node metastases before radical prostatectomy. *J Urol* 1995; 153:993-999.
202. Presti JC, **Hricak H**, Narayan PA, Shinohara K, White S, Carroll PR. Local staging of prostatic carcinoma: Comparison of transrectal sonography and endorectal MR imaging. *AJR* 1996; 166:103-108.
203. Kurhanewicz J, Vigneron DB, **Hricak H**, Narayan P, Carroll P, Nelson SJ. Three-dimensional <sup>1</sup>H spectroscopic imaging of the in situ human prostate with high spatial (0.24 to 0.7 cm<sup>3</sup>) spatial resolution. *Radiology* 1996; 198:795-805.
204. **Hricak H**, Yu KK, Powell CB, Subak LL, Stern J, Arenson RL. Comparison of diagnostic studies in the pretreatment evaluation of FIGO stage Ib carcinoma of the cervix. *Academic Radiology* 1996; 3:S44-S46.
205. Kalbhen CL, **Hricak H**, Shinohara K, Chen M, Parivar F, Kurhanewicz J, Vigneron DB, Carroll PR. Prostate carcinoma: MR imaging findings after cryosurgery. *Radiology* 1996; 198:807-811.



206. **Hricak H**, Powell CB, Yu KK, Washington E, Subak LL, Stern JL, Cisternas MG, Arenson RL. Invasive cervical carcinoma: Role of MRI in pretreatment work-up -- cost minimization and diagnostic efficacy analysis. *Radiology* 1996; 198:403-409.
207. Forstner R, Kalbhen CL, **Hricak H**, Filly RA. Abdominopelvic MRI in the non obstetrical evaluation of pregnant patients. *AJR* 1996; 166:1139-1144.
208. Chen M, **Hricak H**, Kalbhen CL, Kurhanewicz J, Vigneron D, Weiss J, Carroll P. Hormonal ablation of prostatic cancer: Effects on prostate morphology, tumor detection, and staging by endorectal coil MR imaging. *AJR* 1996; 166:1157-1163.
209. Kurhanewicz J, Vigneron DB, **Hricak H**, Parivar F, Nelson SJ, Shinohara K, Carroll PR. Prostate cancer: Metabolic response to cryosurgery as detected by 3D 1H spectroscopic imaging. *Radiology* 1996; 200:489-496.
210. Roach M, Faillace-Akazawa P, Malfatti C, Holland J, **Hricak H**. Prostate volumes defined by magnetic resonance imaging and computerized tomographic scans for three-dimensional conformal radiotherapy. *Int J Radiation Oncology Biol Phys* 1996; 35(5):1011-1018.
211. Parivar F, **Hricak H**, Shinohara K, Kurhanewicz J, Vigneron DB, Nelson SJ, Carroll PR. Detection of locally recurrent prostate cancer after cryosurgery: Evaluation by transrectal ultrasound, magnetic resonance imaging, and 3-dimensional proton magnetic resonance spectroscopy. *Urology* 1996; 48:594-599.
212. Presti JC, **Hricak H**, Shinohara K, Carroll PR. Prediction of focal extracapsular extension at radical prostatectomy: Relative merit of transrectal ultrasound, endorectal magnetic resonance imaging, prostate specific antigen, prostate specific antigen density, and systematic biopsy. *Urol Oncol* 1996; 2:177-183.
213. Semelka RC, **Hricak H**, Kim B, Forstner R, Bis KG, Ascher SM, Reinhold C. Pelvic fistulas: Appearances on MR images. *Abdominal Imaging* 1997; 22:91-95.
214. Chen M, Lipson SA, **Hricak H**. MR imaging evaluation of benign mesenchymal tumors of the urinary bladder. *AJR* 1997; 168:399-403.
215. Yu KK, **Hricak H**, Alagappan R, Chernoff D, Bacchetti P, Zaloudek C. Detection of extracapsular extension of prostate carcinoma by endorectal/phased array coil MR imaging: Multivariate feature analysis. *Radiology* 1997; 202:697-702.
216. Narumi Y, **Hricak H**, Presti JC, Forstner R, Sica GT, Kuroda C, Sawai Y, Kotake T, Kinouchi T, Carroll PR. MR imaging evaluation of renal cell carcinoma. *Abdom Imaging* 1997; 22(2):217-226.
217. Bis KG, Vrachliotis TG, Aggarwal R, Shetty AN, Maximovich A, **Hricak H**. Pelvic endometriosis: MR imaging spectrum with laparoscopic correlation and diagnostic pitfalls. *RadioGraphics* 1997; 17:639-655.

218. Reinhold C, **Hricak H**, Forstner R, Ascher S, Meyer WR, Bret PM, Semelka R. Primary amenorrhea: Evaluation with MR imaging. *Radiology* 1997; 203:383-390.
219. Maas KL, Lipson SA, **Hricak H**. Ureteric bud remnant in two patients with renal agenesis: Diagnosis by MRI. *JCAT* 1997; 21(5):745-747.
220. Scheidler J, **Hricak H**, Yu KK, Subak L, Segal MR. Radiological evaluation of lymph node metastases in patients with cervical cancer: Meta-Analysis. *JAMA* 1997; 278(13):1096-1101.
221. Nguyen HT, Kogan BA, **Hricak H**, Turzan C. Plexiform neurofibroma involving the genitourinary tract in children: Case reports and review of the literature. *Urology* 1997; 49:257-260.
222. **Hricak H**, Yu KK, Dudley A, Scheidler J, Luft HS. Subspecialty care in radiology: Oncologic imaging. *Acad Radiol* 1998; 5(2):S288-S290.
223. Yu KK, **Hricak H**, Subak LL, Zaloudek CJ, Powell CB. Preoperative staging of cervical carcinoma: Phased array coil fast spin-echo versus body coil spin-echo T2-weighted MR imaging. *AJR* 1998; 171:707-711.
224. Kaji Y, Kurhanewicz J, **Hricak H**, Sokolov DL, Huang LR, Nelson SJ, Vigneron DB. Role of proton magnetic resonance imaging for the localization of prostate cancer in the presence of post-biopsy changes. *Radiology* 1998; 206(3):785-790.
225. **Hricak H**, Adams D, D'Orsi C, Filly R, Genant H. Society for the Advancement of Women's Imaging - Radiology: A Partner in Clinical Care. *Radiology* 1998; 209:297-302.
226. Serra A, **Hricak H**, Coakley FV, Kim B, Dudley A, Morey A, Tschumper B, Carroll P. Inconclusive clinical and ultrasound evaluation of the scrotum: Impact of magnetic resonance imaging on patient management and cost. *Urology* 1998; 51(6):1018-1021.
227. Yu KK, **Hricak H**, Grossfeld GD, Carroll PR. Prediction of patient outcome after radical prostatectomy by imaging: Choice of outcome measure. *Academic Radiology* 1998; 5:347-348.
228. Vigneron D, Males R, **Hricak H**, Noworolski S, Carroll PR, Kurhanewicz J. Prostate cancer: Correlation of 3D MRSI metabolite levels with histologic grade. *Radiology* 1998; 209:181.
229. Tsuda K, Yu KK, Coakley FV, Srivastav SK, Scheidler JE, **Hricak H**. Detection of extracapsular extension of prostate cancer: Role of fat suppression endorectal MRI. *JCAT* 1999; 23(1):74-78.
230. Ali G, Coakley FV, **Hricak H**, Bretan PN. Complex posttransplantation abnormalities of renal allografts: Evaluation with MR imaging. *Radiology* 1999; 211:95-100.

231. Coakley FV, **Hricak H**, Presti JC Jr, Small EJ. Diffuse retroperitoneal amyloidosis due to renal cell carcinoma. *Brit J Radiology* 1999; 72:412-413.
232. Coakley FV, Varghese SL, **Hricak H**. CT and MRI of pelvic varices in women. A pictorial essay. *JCAT* 1999; 23:429-434.
233. Coakley FC, **Hricak H**. Imaging of peritoneal and mesenteric disease: Key concepts for the clinical radiologist. *Clinical Radiology* 1999; 54:563-574.
234. Kinkel K, Yu KK, Kaji Y, Segal MR, Powell CB, **Hricak H**. Radiological staging in patients with endometrial cancer: A meta-analysis. *Radiology* 1999; 212:711-718.
235. Yu KK, Scheidler J, **Hricak H**, Vigneron DB, Zaloudek C, Nelson S, Carroll P, Kurhanewicz J. Prostate cancer: Prediction of extracapsular extension with endorectal MR imaging and three-dimensional proton MR spectroscopic imaging. *Radiology* 1999; 212(2):481-488.
236. Scheidler J, **Hricak H**, Vigneron DB, Yu KK, Sokolov DL, Huang LR, Zaloudek CJ, Nelson SJ, Carroll PR, Kurhanewicz J. Prostate cancer: Localization with three-dimensional proton MR spectroscopic imaging – clinicopathologic study. *Radiology* 1999; 213:473-480.
237. Coakley FV, **Hricak H**, Filly RA, Barkovich AJ, Harrison MR. Complex fetal disorders: effect of MR imaging on management--preliminary clinical experience. *Radiology* 1999; 213(3):691-6.
238. **Hricak H**, Chen M, Yu KK, Coakley FV, Kinkel K, Sica G, Bacchetti P, Powell CB: Complex adnexal masses: detection and characterization with MR imaging –multivariate analysis. *Radiology* 2000; 214(1):39-46.
239. Leung JWT, Coakley FV, **Hricak H**, Harrison MR, Farmer DL, Albanese CT, Filly RA: Prenatal MR Imaging of congenital diaphragmatic hernia. Pictorial Essay. *AJR* 2000; 174:1607-12.
240. Males RG, Vigneron DB, Star-Lack J, Falbo SC, Nelson SJ, **Hricak H**, Kurhanewicz J. Clinical application of BASING and spectral/spatial water and lipid suppression pulses for prostate cancer staging and localization by in vivo 3D 1H magnetic resonance spectroscopic imaging. *Magnetic Resonance in Medicine* 2000; 43(1):17-22.
241. Wefer AE, **Hricak H**, Vigneron DB, Coakley FV, Lu Y, Wefer J, Mueller-Lisse U, Carroll PR, Kurhanewicz J. Sextant localization of prostate cancer: comparison of sextant biopsy, magnetic resonance imaging and magnetic resonance spectroscopic imaging with step-section histology. *J Urol* 2000; 164:400-404.

242. Coakley FV, Lopoo JB, Lu Y, **Hricak H**, Albanese CT, Harrison MR, Filly RA. Normal and Hypoplastic Fetal Lungs: volumetric assessment with prenatal single-shot rapid acquisition with relaxation enhancement MR imaging. *Radiology* 2000; 216:107-111.
243. Frei KA, Kinkel K, Bonel HM, Lu Y, Zaloudek C, **Hricak H**. Predicting of deep myometrial invasion in patients with endometrial cancer: clinical utility of contrast-enhanced MR imaging-a meta-analysis and Bayesian analysis. *Radiology* 2000; 216:444-449.
244. Zelefsky MJ, Cohen G, Zakian KL, Dyke J, Koutcher JA, **Hricak H**, Schwartz L, Zaider M. Intraoperative conformal optimization for transperineal prostate implantation using magnetic resonance spectroscopic imaging. *The Cancer Journal* July/August 2000; Vol 6(4):249-255.
245. Kinkel K, **Hricak H**, Lu Y, Tsuda K, Filly RA. US characterization of ovarian masses: a meta-analysis. *Radiology* 2000; 217(3):803-11.
246. Li S, Qayyum A, Coakley FV, **Hricak H**. Association of renal agenesis and müllerian duct anomalies. *Journal of Computer Assisted Tomography* 2000; 24(6):829-34.
247. Qayyum A, **Hricak H**, Coakley FV, Powell CB. Role of CT and MR imaging in predicting optimal cytoreduction of newly diagnosed epithelial ovarian cancer. *Radiology* 2000, 217(p):415.
248. Heller D, **Hricak H**. Cost-effectiveness of new technologies for staging endometrial cancer. *European Radiology* 2000; 10 Suppl 3:S381-S385.
249. **Hricak H**, Mendelson E, Bohm-Velez M, Bree R, Finberg H, Fishman EK, Laing F, Sartoris D, Thurmond A, Goldstein S. Role of imaging in cancer of the cervix. *American College of Radiology. ACR Appropriateness Criteria. Radiology* 2000; 215 Suppl: 925-930.
250. **Hricak H**, Mendelson E, Bohm-Velez M, Bree RL, Finberg H, Fishman EK, Laing F, Sartoris D, Thurmond A, Goldstein S. Endometrial cancer of the uterus. *American College of Radiology. ACR Appropriateness Criteria. Radiology* 2000; 215 Suppl: 947-953.
251. Grossfeld G, Litwin M, Wolf, Jr., JS, **Hricak H**, Shuler C, Agerter D, Carroll P. Evaluation of Asymptomatic Microscopic Hematuria in Adults: The American Urological Association Best Practice Policy – Part 1: Definition, Detection, Prevalence, and Etiology. *Urology* 2001; 57:599-603.
252. Grossfeld G, Litwin M, Wolf, Jr., JS, **Hricak H**, Shuler C, Agerter D, Carroll P. Evaluation of Asymptomatic Microscopic Hematuria in Adults: The American Urological Association Best Practice Policy – Part 2: Patient evaluation, cytology, voided markers, imaging, cystoscopy, nephrology evaluation, and follow-up. *Urology* 2001; 57:604-610.

253. Coakley F, **Hricak H**, Wefer AE, Speight JL, Kurhanewicz J, Roach M III: Brachytherapy for Prostate Cancer: Endorectal MR Imaging of Local Treatment-related Changes. *Radiology* 2001; 219(3):817-21.
254. Mueller-Lisse UG, Swanson MG, Vigneron DB, **Hricak H**, Bessette A, Males RG, Wood PJ, Noworolski S, Nelson SJ, Barken I, Carroll PR, Kurhanewicz J. Time-Dependent Effects of Hormone-Deprivation Therapy on Prostate Metabolism as Detected by Combined Magnetic Resonance Imaging and 3D Magnetic Resonance Spectroscopic Imaging. *MRIM* 2001; 46(1):49-57.
255. Turlakow A, Larson SM, Coakley F, Akhurst T, Gonen M, Macapinlac HA, Kelly W, Leibel S, Humm J, Scardino P, Scher H, **Hricak H**. Local detection of prostate cancer by positron emission tomography with 2-fluorodeoxyglucose: comparison of filtered back projection and iterative reconstruction with segmented attenuation correction. *Q J Nucl Med* 2001; 45(3):235-44.
256. Mueller-Lisse UG, Vigneron DB, **Hricak H**, Swanson MG, Carroll PR, Bessette A, Scheidler J, Srivastava A, Males RG, Cha I, Kurhanewicz J. Localized prostate cancer: effect of hormone deprivation therapy measured by using combined three-dimensional <sup>1</sup>H MR spectroscopy and MR imaging: clinicopathologic case-controlled study. *Radiology* 2001; 221(2):380-90.
257. Dudley RA, **Hricak H**, Scheidler J, Yu KK, Kalbhen CL, Powell CB, Schwartz L, Yetter EM, O'Malley Jr., CM, Luft HS, Warren R. Shared patient analysis: a method to assess the clinical benefits of patient referrals. *Med Care* 2001; 39(11):1182-7.
258. Lapointe SP, Wei DC, **Hricak H**, Varghese S, Kogan B, Baskin LS. MRI in the evaluation of congenital anomalies of the external genitalia. *Urology* 2001; 58(3):452-6.
259. Coakley FV, Eberhardt S, Wei DC, Wasserman ES, Heinze SBJ, Scardino PT, **Hricak H**. Blood loss during radical retropubic prostatectomy: relationship to morphologic features on preoperative endorectal MR imaging. *Urology* 2002; 59:884-888.
260. Coakley FV, Kurhanewicz J, Lu Y, Jones KD, Swanson MG, Chang SD, Carroll PR, **Hricak H**. Prostate cancer tumor volume: Measurement with endorectal MR and MR Spectroscopic Imaging. *Radiology* 2002; 223: 91-97.
261. Coakley FV, Choi PH, Gougoutas CA, Pothuri B, Venkatraman E, Chi D, Bergman A, **Hricak H**. Peritoneal metastases: detection with spiral CT in patients with ovarian cancer. *Radiology* 2002; 223(2):495-9.
262. Coakley F, Wei D, Kattan M, Eberhardt S, Scardino P, **Hricak H**. Urinary continence after radical retropubic prostatectomy: relationship to membranous urethral length on preoperative endorectal MR imaging. *J Urol.* 2002; 168(3):1032-5.

263. **Hricak H**, Ascher S, Dodd GD 3rd, Gamsu G, Kucharczyk W, Reiser MF. Image interpretation session: 2002. *Radiographics* 2003; 23(1):88.
264. Zakian, KL, Eberhardt, S, **Hricak, H**, Dave, A, Kleinman, M, Sircar, K, Kattan, M, Reuter V, Scardino, P, and Koutcher, JA Metabolic Characteristics of Transition Zone Prostate Cancer studied by 1H Magnetic Resonance Spectroscopic Imaging. *Radiology* 2003; 229(1):241-7.
265. Pagel J, Kerr KM, Kirkwood KS, Welton ML, Abbbo M, **Hricak H**, Pantilatt SZ. Retrospective analysis of a guideline for evaluating nontraumatic abdominal pain in older patients presenting to the emergency department. *JCOM* 2003; (10)11:589-595.
266. Menell JH, Chi DS, Hann LE, **Hricak H**. The use of MRI in the diagnosis and management of a bulky cervical carcinoma. *Gynecol Oncol.* 2003; 89(3):517-21.
267. Sella T, Schwartz LH, Swindle PW, Onyebuchi CN, Scardino P, Scher H, **Hricak H**. Suspected local recurrence after radical prostatectomy: Endorectal coil MR Imaging. *Radiology* 2004; 231(2):379-85.
268. Dhingsa R, Qayyum A, Coakley FV, Lu Y, Jones KD, Swanson MG, Carroll PR, **Hricak H**, Kurhanewicz J. Prostate Cancer Localization with Endorectal MR Imaging and MR Spectroscopic Imaging: Effect of Clinical Data on Reader Accuracy. *Radiology* 2004; 230: 215-220.
269. Funt S, **Hricak H**, Chi D. Role of CT in patient management of recurrent ovarian cancer. *AJR* 2004; 182(2):393-8.
270. Wang L, Mullerad M, Chen HN, Eberhardt S, Kattan MW, Scardino P, **Hricak, H**. Prostate Cancer: Incremental Value of Endorectal MR Imaging Findings for Prediction of Extracapsular Extension. *Radiology* 2004; 232: 133-139.
271. Mullerad M, **Hricak H**, Wang L, Chen HI, Kattan MW, Scardino P. Prostate Cancer: Detection of Extracapsular Extension by Genitourinary and General Body Radiologists at MR Imaging. *Radiology* 2004; 232: 140-146.
272. Shukla-Dave A, **Hricak H**, Eberhardt S, Olgac S, Muruganandham M, Scardino P, Reuter V, Koutcher JA, Zakian KL. Chronic Prostatitis: MR Imaging and 1H MR Spectroscopic Imaging Findings - Initial Observations. *Radiology* 2004; 231(3):717-24.
273. **Hricak H**, Wang L, Wei DC, Coakley FV, Akin O, Reuter VE, Gonen M, Kattan MW, Onyebuchi CN, Scardino PT. The role of preoperative endorectal magnetic resonance imaging in the decision regarding whether to preserve or resect neurovascular bundles during radical retropubic prostatectomy. *Cancer* 2004; 100: 2655-2663.
274. Pucar D, Koutcher JA, Shah A, Dyke JP, Schwartz L, Thaler H, Kurhanewicz J, Scardino P, Kelly WK, **Hricak H**, Zakian KL. Preliminary assessment of magnetic resonance spectroscopic imaging

in predicting treatment outcome in patients with prostate cancer at high risk for relapse. *Clinical Prostate Cancer* 2004; 3(3):174-181.

275. Qayyum A, Coakley FV, Westphalen AC, **Hricak H**, Okuno WT, Powell B. Role of CT and MR imaging in predicting optimal cytoreduction of newly diagnosed primary epithelial ovarian cancer. *Gynecologic Oncology* 2005; 96: 301-306.
276. Zakian KL, Sircar K, **Hricak H**, Shukla-Dave A, Eberhardt S, Muruganandham M, Chen H, Kattan MW, Reuter V, Scardino P, Koutcher JA. Correlation of Proton MR Spectroscopic Imaging with Gleason Score Based on Step Section Pathology after Radical Prostatectomy. *Radiology* 2005; 234(3):804-14.
277. Dotan ZA, Bianco Jr FJ, Rabbani R, Eastham JA, Fearn P, Scher HI, Kelly KW, Chen HN, Schoder H, **Hricak H**, Scardino PT, Kattan MW. The pattern of PSA failure dictates the probability of a positive bone scan in patients with a rising PSA after radical prostatectomy. *J. Clin Oncol* 2005; 23(9):1962-8.
278. Schoder H, Herrmann K, Gonen M, **Hricak H**, Eberhard S, Scardino P, Scher HI, Larson SM. 2-[18F]fluoro-2-deoxyglucose positron emission tomography for the detection of disease in patients with prostate-specific antigen relapse after radical prostatectomy. *Clinical Cancer Res.* 2005 Jul;11(13):47519.
279. Pucar D, Shukla-Dave A, **Hricak H**, Moskowitz C, Kuroiwa K, Olgac S, Ebor L, Scardino PT, Koutcher JA, Zakian KL. Prostate Cancer: Correlation of MR Imaging and MR Spectroscopy with Pathologic Findings after Radiation Therapy – Initial Experience. *Radiology* 2005 Aug; 236(2):545-53.
280. Amendola M, **Hricak H**, Mitchell DG, Chi DS, Snyder B, Gatsonis C, Long HJ, Fiorica JV. Utilization of diagnostic studies in the pretreatment evaluation of invasive cervical cancer in the United States: results of intergroup protocol ACRIN 6651/GOG 183. *J Clin Oncol* 2005 Oct; 23(30):7454-7459.
281. Kinkel K, Lu Y, Mehdizade A, Pelte MF, **Hricak H**. Indeterminate ovarian mass at US: incremental value of a second imaging test for characterization—meta-analysis and Bayesian analysis. *Radiology* 2005; 236(1):85-94.
282. **Hricak H**, Gatsonis C, Chi DS, Amendola MA, Brandt K, Schwartz LH, Koelliker S, Siegelman ES, Brown JJ, McGhee RB Jr, Iyer R, Vitellas KM, Snyder B, Long HJ 3<sup>rd</sup>, Fiorica JV, Mitchell DG. Role of Imaging in Pretreatment Evaluation of Early Invasive Cervical Cancer: Results of the Intergroup Study American College of Radiology Imaging Network 6651- Gynecologic Oncology Group 183. *J Clin Oncol* 2005 Dec; 23(36):9329-37.
283. Mullerad M, **Hricak H**, Kuroiwa K, Pucar D, Chen H, Kattan MW, Scardino PT. Comparison of endorectal Magnetic Resonance Imaging, guided prostate biopsy and digital rectal examination in

the preoperative anatomical localization of prostate cancer. *Journal of Urology* 2005 Dec;174(6):2158-63

284. Sala E, Eberhardt SC, Akin O, Moskowitz CS, Onyebuchi CN, Kuroiwa K, Ishill N, Eastham JA, **Hricak H**. Endorectal MR imaging prior to salvage prostatectomy: tumor localization and staging. *Radiology* 2006 Jan; 238(1):176-83.
285. Wang L, **Hricak H**, Kattan MW, Chen H, Scardino PT. Prediction of Organ-confined Prostate Cancer: Incremental Value of MR Spectroscopic Imaging to Staging Nomograms. *Radiology* 2006 Feb; 238(2):597-603
286. Sella T, Schwartz LH, **Hricak H**. Retained seminal vesicles following radical prostatectomy – frequency, MRI characteristics and clinical relevance. *AJR Am J Roentgenol* 2006 Feb;186(2):539-46
287. Wang L, **Hricak H**, Kattan MW, Schwartz LH, Eberhardt S, Chen H, Scardino PT. Combined endorectal and phased array MRI in the prediction of pelvic lymph node metastasis in prostate cancer. *AJR Am J Roentgenol* 2006 Mar;186(3):743-48
288. Sala E, Akin O, Moskowitz CS, Eisenberg HF, Kuroiwa K, Ishill NM, Rajashanker B, Scardino PT, **Hricak H**. Endorectal MR imaging in the evaluation of seminal vesicle invasion: diagnostic accuracy and multivariate feature analysis. *Radiology* 2006 Mar;238(3):929-37
289. Schwartz LH, Colville JAC, Ginsberg MS, Wang L, Mazumdar M, Kalaigian J, **Hricak H**, Ilson D, Schwartz GK. Measuring tumor response and shape change on CT: esophageal cancer as a paradigm. *Annals of Oncology* 2006 Jun;17(6):1018-23
290. Akin O, Sala E, Moskowitz CS, Kuroiwa K, Ishill NM, Pucar D, Scardino PT, **Hricak H**. Transition zone prostate cancers: features, detection, localization, and staging at endorectal MR imaging. *Radiology* 2006 Jun; 239 (3): 784-92
291. Touijer K, Kuroiwa K, Vickers A, Reuter VE, **Hricak H**, Scardino PT, Hricak H. Impact of a multidisciplinary continuous quality improvement program on the positive surgical margin rate after laparoscopic radical prostatectomy. *European Radiology*; 2006 May; 49 (5): 853-8.
292. Mitchell DG, Synder B, Coakley F, Reinhold C, Thomas G, Amendola M, Schwartz L, Woodward P, Pannu H, **Hricak H**. Early Invasive Cervical Cancer: Tumor Delineation by Magnetic Resonance Imaging, Computed Tomography, and Clinical Examination, Verified by Pathologic Results in the ACRIN 6651/GOG 183 Intergroup Study. *Journal Clinical Oncology*. 2006 Dec;24(36):5687-94.
293. Coakley FV, Chen I, Qayyum A, Westphalen AC, Carroll PR, **Hricak H**, Chen MH, Kurhanewicz J. Validity of prostate-specific antigen as a tumour marker in men with prostate cancer managed by watchful waiting: Correlation with findings at serial endorectal magnetic resonance imaging and spectroscopic imaging. *British Journal of Urology International* 2007 Jan;99(1):41-5



294. Wang L, Zhang J, Schwartz L, Eisenberg H, Ishill N, Moskowitz C, Scardino P, **Hricak H**. Incremental Value of Multiplanar Cross-Referencing for Prostate Cancer Staging by Endorectal MRI. *Am Journ Roentgenol*. 2007 Jan;188(1):99-104
295. Wang L, **Hricak H**, Kattan MW, Chen HN, Kuroiwa K, Eisenberg HF, Scardino PT. Prediction of Seminal Vesicle Invasion in Prostate Cancer: Incremental Value of Adding Endorectal MR Imaging to the Kattan Nomogram. *Radiology*. 2007 Jan; 242(1):182-8
296. Bianco FJ Jr, Mallah KN, Korets R, **Hricak H**, Scardino PT, Kattan MW. Prostate volume measured preoperatively predicts for organ-confined disease in men with clinically localized prostate cancer. *Urology*. 2007 Feb;69(2):343-6
297. Shukla-Dave A, **Hricak H**, Kattan MW, Pucar D, Kuroiwa K, Chen HN, Spector J, Koutcher JA, Zakian KL, Scardino PT. The utility of magnetic resonance imaging and spectroscopy for predicting insignificant prostate cancer: an initial analysis. *BJU Int*. 2007 Apr;99(4):786-93.
298. Curran S, Akin O, Agildere AM, Zhang J, **Hricak H**, Rademaker J. Endorectal MRI of prostatic and periprostatic cystic lesions and their mimics. *AJR Am J Roentgenol*. 2007 May;188(5):1373-9.
299. Riedl CC, Akhurst T, Larson S, Stanziale SF, Tuorto S, Bhargava A, **Hricak H**, Klimstra D, Fong Y. 18F-FDG PET Scanning Correlates with Tissue Markers of Poor Prognosis and Predicts Mortality for Patients After Liver Resection for Colorectal Metastases. *J Nucl Med*. 2007 May;48(5):771-775.
300. Zhang J, Lefkowitz RA, Ishill NM, Wang L, Moskowitz CS, Russo P, Eisenberg H, **Hricak H**. Solid renal cortical tumors: differentiation with CT. *Radiology*. 2007 Aug;244(2):494-504.
301. Ehman RL, Hendee WR, Welch MJ, Dunnick NR, Bresolin LB, Arenson RL, Baum S, **Hricak H**, Thrall JH. Blueprint for imaging in biomedical research. *Radiology*. 2007 Jul;244(1):12-27
302. Zhang J, Lefkowitz RA, Wang L, Ishill NM, Moskowitz CS, Russo P, **Hricak H**. Significance of Peritumoral Vascularity on CT in Evaluation of Renal Cortical Tumor. *JCAT* 2007 Sep-Oct;31(5):717-23
303. Pucar D, **Hricak H**, Shukla-Dave A, Kuroiwa K, Drobnjak M, Eastham J, Scardino PT, Zelefsky MJ. Clinically significant prostate cancer local recurrence after radiation therapy occurs at the site of primary tumor: magnetic resonance imaging and step-section pathology evidence. *Int J Radiat Oncol Biol Phys*. 2007 Sep 1;69(1):62-9.
304. Shukla-Dave A, **Hricak H**, Moskowitz C, Ishill N, Akin O, Kuroiwa K, Spector J, Kumar M, Reuter VE, Koutcher JA, Zakian KL. Detection of Prostate Cancer with MR Spectroscopic Imaging: An Expanded Paradigm Incorporating Polyamines. *Radiology*. 2007 Nov 245(2):499-506.
305. [Wang L, Mazaheri Y, Zhang J, Ishill NM, Kuroiwa K, Hricak H](#). Assessment of biologic aggressiveness of prostate cancer: correlation of MR signal intensity with Gleason grade after radical prostatectomy. *Radiology*. 2008 Jan;246(1):168-76.
306. Mazaheri Y, Shukla-Dave A, **Hricak H**, Fine SW, Zhang, J, Inurrigarro G, Moskowitz CS, Ishill NM, Reuter VE, Touijer K, Zakian KL, Koutcher JA. Prostate cancer: identification with combined diffusion-weighted MR imaging and 3D 1H MR spectroscopic imaging--correlation

with pathologic findings. *Radiology*. 2008 Feb;246(2):480-8.

307. Chi D, Monemvasitis G, Ramirez RT, Teitcher JB, Mironov S, Sarasohn DM, Revathy BI, Eisenhauer E, Abu-Rustum N, Sonoda Y, Levine DA, Brown CL, Aghajanian CA, Gershenson DM, Hoskins WJ, **Hricak H**, Barakat RR. Prospective Study of the Correlation between Postoperative Computed Tomography (CT) Scan and Primary Surgeon Assessment in Patients with Advanced Ovarian, Tubal, and Peritoneal Carcinoma Reported to Have Undergone Primary Surgical Cytoreduction to Residual Disease > 1 cm . *J Clin Oncol*. 2007 Nov;25(31):4946-51.
308. Brader P, Riedl CC, Woo Y, Ponomarev V, Zanzonico P, Wen B, Cai S, **Hricak H**, Fong Y, Blasberg R, Serganova I. Imaging of hypoxia-driven gene expression in an orthotopic liver tumor model. *Mol Cancer Ther*. 2007 Nov;6(11):2900-8.
309. **Hricak H**, Gatsonis C, Coakley FV, Snyder B, Reinhold C, Schwartz LH, Woodward PJ, Pannu HK, Amendola M, Michell DG. Early invasive cervical cancer: CT and MR imaging in preoperative evaluation - ACRIN/GOG comparative study of diagnostic performance and interobserver variability. *Radiology*. 2007 Nov;245(2):491-8.
310. Riedl CC, Brader P, Zanzonico P, Reid V, Woo Y, Wen B, Ling CC, **Hricak H**, Fong Y, Humm JL. Tumor hypoxia imaging in orthotopic liver tumors and peritoneal metastasis: a comparative study featuring dynamic (18)F-MISO and (124)I-IAZG PET in the same study cohort. *Eur J Nucl Med Mol Imaging*. 2008 Jan;35(1):39-46
311. Mazaheri Y, Shukla-Dave A, **Hricak H**, Fine SW, Zhang J, Inurrigarro G, Moskowitz CS, Ishill NM, Reuter VE, Touijer K, Zakian KL, Koutcher JA. Prostate cancer: identification with combined diffusion-weighted MR imaging and 3D 1H MR spectroscopic imaging--correlation with pathologic findings. *Radiology* 2008 Feb; 246:480-488.
312. Brader P, Stritzker J, Riedl CC, Zanzonico P, Cai S, Burnazi EM, Ghani ER, **Hricak H**, Szalay AA, Fong Y, Blasberg R. E. coli Nissle 1917 facilitates tumor detection by PET and optical imaging. *Clinical Cancer Research*, 2008 Apr;14(8):2295-302. 2008
313. Likar Y, Olszewska M, Dobrenkov K, Vider J, Shenker L, **Hricak H**, Ponomarev V. A new acycloguanosine-specific supermutant of herpes simplex virus type one thymidine kinase suitable for PET imaging and suicide gene therapy for potential use in patients treated with pyrimidine-based cytotoxic drugs. *J Nuc Med*. 2008 May;49(5):713-20.
314. Zhang J, Tehrani YM, Wang L, Ishill NM, Schwartz LH, **Hricak H**. Renal masses: characterization with diffusion-weighted MR imaging--a preliminary experience. *Radiology* 2008 May; 247:458-464.
315. Dobrenkov K, Olszewska M, Likar Y, Shenker L, Vider J, Gunset G, **Hricak H**, Sadelain M, Ponomarev V. Monitoring the Efficacy of Adoptively Transferred Prostate Cancer-Targeted Human T-Lymphocytes Using PET and Bioluminescence Imaging. *J Nuc Med*, 2008 July;49(7): 1162-70
316. Akin O, Sala E, Moskowitz CS, Ishill N, Soslow RA, Chi DS, **Hricak H**. Perihepatic Metastases from Ovarian Cancer: Sensitivity and Specificity of CT for the Detection of Metastases with and

Those without Liver Parenchymal Invasion. *Radiology* 2008; Aug.; 248 (2):511-7. 2008 Jun 2. PMID: 18519739

317. Riedl CC, Brader P, Zanzonico PB, Chun YS, Woo Y, Singh P, Carlin S, Wen B, Ling CC, **Hricak H**, Fong Y. Imaging hypoxia in orthotopic rat liver tumors with iodine 124-labeled iodoazomycin galactopyranoside PET. *Radiology*. 2008 Aug;248(2):561-70.
318. Zhang J, Mironov S, **Hricak H**, Ishill NM, Moskowitz CS, Soslow RA, Chi DS. Characterization of adnexal masses using feature analysis at contrast-enhanced helical computed tomography. *J Comput Assist Tomogr*. 2008 Jul-Aug;32(4):533-40.
319. Paparel P, Akin O, Sandhu JS, Otero JR, Serio AM, Scardino PT, **Hricak H**, Guillonneau B. Recovery of Urinary Continence after Radical Prostatectomy: Association with Urethral Length and Urethral Fibrosis Measured by Preoperative and Postoperative Endorectal Magnetic Resonance Imaging. *Eur Urol*. 2009 Mar;55(3):629-37.
320. Mitchell DG, Snyder B, Coakley F, Reinhold C, Thomas G, Amendola MA, Schwartz LH, Woodward P, Pannu H, Atri M, **Hricak H**. Early invasive cervical cancer: MRI and CT predictors of lymphatic metastases in the ACRIN 6651/GOG 183 intergroup study. *Gynecol Oncol*. 2009 Jan;112(1):95-103
321. Zhang J, Kang S, Wang L, Touijer AK, **Hricak H**. Distribution of Renal Tumor Growth Rates Determined with Serial Volumetric CT Measurements. *Radiology*, 2009 Jan;250 (1):137-44
322. Likar Y, Dobrenkov K, Olszewska M, Shenker L, Cai S, **Hricak H**, Ponomarev V. PET imaging of HSV1-tk mutants with acquired specificity toward pyrimidine- and acycloguanosine-based radiotracers. *Eur J Nucl Med Mol Imaging*. 2009 Mar 4.
323. Brader P, Kelly K, Gang S, Shah JP, Wong RJ, **Hricak H**, Blasberg RG, Fong Y, Gil Z. Imaging of lymph node micrometastases using an oncolytic herpes virus and [F]FEAU PET. *PLoS ONE*. 2009;4(3):e4789.
324. Brame RS, Zaider M, Zakian KL, Koutcher JA, Shukla-Dave A, Reuter VE, Zelefsky MJ, Scardino PT, **Hricak H**. Regarding the Focal Treatment of Prostate Cancer: Inference of the Gleason Grade from Magnetic Resonance Spectroscopic Imaging. *Int J Radiat Oncol Biol Phys*. 2009 May;74(1):110-4
325. Brader P, Kelly KJ, Chen N, Yu YA, Zhang Q, Zanzonico P, Burnazi EM, Ghani RE, Serganova I, **Hricak H**, Szalay AA, Fong Y, Blasberg RG. Imaging a Genetically Engineered Oncolytic Vaccinia Virus (GLV-1h99) Using a Human Norepinephrine Transporter Reporter Gene. *Clin Cancer Res*. 2009 Jun;15(11):3791-801.
326. Shukla-Dave A, **Hricak H**, Ishill N, Moskowitz CS, Drobnjak M, Reuter VE, Zakian KL, Scardino PT, Cordon-Cardo C. Prediction of prostate cancer recurrence using magnetic resonance imaging and molecular profiles. *Clin Cancer Res*. 2009 Jun;15(11):3842-9
327. Shukla-Dave A, **Hricak H**, Ishill NM, Moskowitz CS, Drobnjak M, Reuter VE, Zakian KL, Scardino PT, Cordon-Cardo C. Correlation of MR imaging and MR spectroscopic imaging findings

with Ki-67, phospho-Akt, and androgen receptor expression in prostate cancer. *Radiology*. 2009 Mar;250(3):803-12. PMID: 19244047

328. Nogueira L, Wang L, Fine SW, Pinochet R, Kurta JM, Katz D, Savage CJ, Cronin AM, **Hricak H**, Scardino PT, Akin O, Coleman JA. Focal Treatment or Observation of Prostate Cancer: Pretreatment Accuracy of Transrectal Ultrasound Biopsy and T2-weighted MRI. *Urology*. 2010 Feb;75(2):472-7
329. Fuchsjäger MH, Shukla-Dave A, **Hricak H**, Wang L, Touijer K, Donohue JF, Eastham JA, Kattan MW. Magnetic resonance imaging in the prediction of biochemical recurrence of prostate cancer after radical prostatectomy. *BJU Int*. 2009 Aug;104(3):315-20. DOI: 10.1111/j.1464-410X.2009.08406.x.
330. Mazaheri Y, **Hricak H**, Fine S, Akin O, Shukla-Dave A, Ishill N, Moskowitz C, Grater J, Reuter V, Zakian K, Touijer K, and Koutcher J, Prostate Tumor Volume Measurement with Combined T2-weighted Imaging and Diffusion-weighted MR: Correlation with Pathologic Tumor Volume, *Radiology* 2009 Aug;252(2):449-4573. DOI: 10.1148/radiol.2523081423.
331. Zhang J, **Hricak H**, Shukla-Dave A, Akin O, Ishill NM, Carlino LJ, Reuter VE, Eastham JA. Clinical stage T1c prostate cancer: evaluation with endorectal MR imaging and MR spectroscopic imaging. *Radiology*. 2009 Nov; 253(2):425-34. DOI: 10.1148/radiol.2532081390.
332. Akin O, Riedl CC, Ishill NM, Moskowitz CS, Zhang J, **Hricak H**. Interactive dedicated training curriculum improves accuracy in the interpretation of MR imaging of prostate cancer. *Eur Radiol*. 2010 Apr;20(4):995-1002. DOI: 10.1007/s00330-009-1625-x
333. Ruggiero A, Brader P, Serganova I, Zanzonico P, Cai S, Lipman NS, **Hricak H**, Blasberg RG. Different strategies for reducing intestinal background radioactivity associated with imaging HSV1-tk expression using established radionucleoside probes. *Mol Imaging*. 2010 Feb;9(1):47-58.
334. Kataoka MY, Sala E, Baldwin P, Reinhold C, Farhadi A, Hudolin T, **Hricak H**. The accuracy of magnetic resonance imaging in staging of vulvar cancer: A retrospective multi-centre study. *Gynecol Oncol*. 2010 Apr;117(1):82-7. DOI: 10.1016/j.ygyno.2009.12.017
335. Fuchsjäger MH, Pucar D, Zelefsky MJ, Zhang Z, Mo Q, Ben-Porat LS, Shukla-Dave A, Wang L, Reuter VE, **Hricak H**. Predicting Post-External Beam Radiation Therapy PSA Relapse of Prostate Cancer Using Pretreatment MRI. *Int J Radiat Oncol Biol Phys*. 2010 Nov 1; 78(3):743-750. DOI: 10.1016/j.ijrobp.2009.08.040.
336. Chi DS, Barlin JN, Ramirez PT, Levenback CF, Mironov S, Sarasohn DM, Iyer RB, Dao F, **Hricak H**, Barakat RR. Follow-up study of the correlation between postoperative computed tomographic scan and primary surgeon assessment in patients with advanced ovarian, tubal, or peritoneal carcinoma reported to have undergone primary surgical cytoreduction to residual disease of 1 cm or smaller. *Int J Gynecol Cancer*. 2010 Apr;20(3):353-7.
337. Kolev V, Mironov S, Mironov O, Ishill N, Moskowitz CS, Gardner G, Levine D, **Hricak H**, Barakat RR, Chi DS. Prognostic Significance of Supradiaphragmatic Lymphadenopathy Identified on Preoperative Computed Tomography Scan in Patients Undergoing Primary Cytoreduction for Advanced Epithelial Ovarian Cancer. *International Journal of Gynecological Cancer*. 2010

Aug;20(6):979-984. DOI: 10.1111/IGC.0b013e3181e833f5.

338. Wang L, Akin O, Mazaheri Y, Ishill NM, Kuroiwa K, Zhang J, **Hricak H**. Are histopathological features of prostate cancer lesions associated with identification of extracapsular extension on magnetic resonance imaging? *BJU Int*. 2010 Nov;106(9):1303-8. DOI: 10.1111/j.1464-410X.2010.09346.x
339. Likar Y, Zurita J, Dobrenkov K, Shenker L, Cai SD, Neschadim A, Medin JA, Sadelain M, **Hricak H**, Ponomarev V. A New Pyrimidine-Specific Reporter Gene: A Mutated Human Deoxycytidine Kinase Suitable for PET During Treatment with Acycloguanosine-Based Cytotoxic Drugs. *Journ of Nuclear Medicine*. 2010 Sep 1;51(9):1395-1403. DOI: 10.2967/jnumed.109.074344.
340. Sala E, Kataoka M, Pandit-Taskar N, Ishill N, Mironov S, Moskowitz CS, Mironov O, Collins MA, Chi DS, Larson S, **Hricak H**. Recurrent Ovarian Cancer: Use of Contrast-enhanced CT and PET/CT to Accurately Localize Tumor Recurrence and to Predict Patients' Survival. *Radiology*. 2010 Oct;257(1):125-34. DOI: 10.1148/radiol.10092279.
341. Mazaheri Y, Bokacheva L, Kroon DJ, Akin O, **Hricak H**, Chamudot D, Fine S, Koutcher JA. Semi-automatic deformable registration of prostate MR images to pathological slices. *J Magn Reson Imaging*. 2010 Nov;32(5):1149-57. DOI: 10.1002/jmri.22347.
342. Zakian K, **Hricak H**, Ishill N, Reuter V, Eberhardt S, Moskowitz C, Shukla-Dave A, Wang L, Scardino P, Eastham J, Koutcher J. An exploratory study of endorectal MRI and spectroscopy of the prostate as pre-operative predictive biomarkers of biochemical relapse after radical prostatectomy. *Journal of Urology*. *J Urol*. 2010 Dec;184(6):2320-7
343. Mironov O, Ishill NM, Mironov S, Vargas HA, Zheng J, Moskowitz CS, Sonoda Y, Papas RS, Chi DS, **Hricak H**. Pleural Effusion Detected at CT prior to Primary Cytoreduction for Stage III or IV Ovarian Carcinoma: Effect on Survival. *Radiology*. 2011 Mar;258(3):776-84. DOI: 10.1148/radiol.10100162.
344. Vargas HA, Akin O, Zheng J, Moskowitz C, Soslow R, Abu-Rustum N, Barakat RR, **Hricak H**. The Value of MR Imaging When the Site of Uterine Cancer Origin Is Uncertain. *Radiology*. 2011 Mar;258(3):785-92. DOI: 10.1148/radiol.10101147.
345. Vargas HA, Akin O, Franiel T, Mazaheri Y, Zheng J, Moskowitz C, Udo K, Eastham J, **Hricak H**. Diffusion-weighted endorectal MR imaging at 3 T for prostate cancer: tumor detection and assessment of aggressiveness. *Radiology*. 2011 Jun;259(3):775-84. DOI: 10.1148/radiol.11102066
346. Schwartz LH, Panicek DM, Berk AR, Li Y, **Hricak H**. Improving communication of diagnostic radiology findings through structured reporting. *Radiology*. 2011 Jul;260(1):174-81. DOI: 10.1148/radiol.11101913
347. Akin O, Gultekin DH, Vargas HA, Zheng J, Moskowitz C, Pei X, Sperling D, Schwartz LH, **Hricak H**, Zelefsky MJ. Incremental value of diffusion weighted and dynamic contrast enhanced MRI in the detection of locally recurrent prostate cancer after radiation treatment: preliminary results. *Eur Radiol*. 2011 Sep;21(9):1970-8. DOI: 10.1007/s00330-011-2130-6.

348. Ahmed HU, Akin O, Coleman, J, Crane S, Goldberg L, **Hricak H**, Kattan MW, Kurhanewicz J, Moore CM, Parker C, Polascik TJ, Scardino P, Villers A. Transatlantic Consensus Group on Active Surveillance and Focal Therapy for Prostate Cancer. *BJU Intl*; *BJU Int*. 2011 Nov 11. DOI: 10.1111/j.1464-410X.2011.10633.x.
349. Mazaheri Y, Vargas HA, Akin O, Goldman DA, **Hricak H**. Reducing the influence of b-value selection on diffusion-weighted imaging of the prostate: Evaluation of a revised monoexponential model within a clinical setting. *J Magn Reson Imaging*. 2012 Mar;35(3):660-8. DOI: 10.1002/jmri.22888. Epub 2011 Nov 8.
350. Riaz N, Afaq A, Akin O, Pei X, Kollmeier MA, Cox B, **Hricak H**, Zelefsky MJ. Pretreatment Endorectal Coil Magnetic Resonance Imaging Findings Predict Biochemical Tumor Control in Prostate Cancer Patients Treated With Combination Brachytherapy and External-Beam Radiotherapy. *Int J Radiat Oncol Biol Phys*. 2012 Nov;84(3):707-711. DOI: 10.1016/j.ijrobp.2012.01.009
351. Lakhman Y, Akin O, Sohn MJ, Zheng J, Moskowitz CS, Iyer RB, Barakat RR, Sabbatini PJ, Chi DS, **Hricak H**. Early Postoperative CT as a Prognostic Biomarker in Patients With Advanced Ovarian, Tubal, and Primary Peritoneal Cancer Deemed Optimally Debulked at Primary Cytoreductive Surgery. *AJR Am J Roentgenol*. 2012 Jun;198(6):1453-9. DOI: 10.2214/AJR.11.7257
352. Barrett T, Vargas HA, Akin O, Goldman, D, **Hricak, H**, Value of the Hemorrhage Exclusion Sign on T1-weighted Prostate MR Images for the Detection of Prostate Cancer *Radiology* 2012 Jun;263(3):751-757. DOI: 10.1148/radiol.12112100
353. Wassberg C, Akin O, Vargas HA, Shukla-Dave A, Zhang J, **Hricak H**. The incremental value of contrast-enhanced MRI in the detection of biopsy-proven local recurrence of prostate cancer after radical prostatectomy: effect of reader experience. *AJR Am J Roentgenol*. 2012 Aug;199(2):360-6. DOI: 10.2214/AJR.11.6923
354. Vargas HA, Akin O, Schöder H, Olgac S, Dalbagni G, **Hricak H**, Bochner BH. Prospective evaluation of MRI, (11)C-acetate PET/CT and contrast-enhanced CT for staging of bladder cancer. *Eur J Radiol*. 2012 Dec;81(12): 4131-4137. DOI: 10.1016/j.ejrad.2012.06.010
355. Gourtsoyianni S, Hwang S, Panicek DM, Zheng J, Moskowitz C, Scher H, Morris M, **Hricak H**. Reproducibility and clinical correlations of post-treatment changes on CT of prostate cancer bone metastases treated with chemotherapy. *Br J Radiol*. 2012 Sep;85(1017):1243-9. DOI: 10.1259/bjr/27266976
356. Vargas HA, Akin O, Shukla-Dave A, Zhang J, Zakian KL, Zheng J, Kanao K, Goldman DA, Moskowitz CS, Reuter VE, Eastham JA, Scardino PT, **Hricak H**. Performance Characteristics of MR Imaging in the Evaluation of Clinically Low-Risk Prostate Cancer: A Prospective Study. *Radiology*. 2012 Nov;265(2):478-87. DOI: 10.1148/radiol.12120041.
357. Vargas, Hebert Alberto; Akin, Oguz; Afaq, Asim; Goldman, Debra; Zheng, Junting; Moskowitz, Chaya S; Shukla-Dave, Amita; Eastham, James; Scardino, Peter; **Hricak, Hedvig**. Magnetic resonance imaging for predicting prostate biopsy findings in patients considered for active surveillance of clinically low risk prostate cancer. *Journal of Urology*. 2012 Nov;188(5): 1732-8 DOI: 10.1016/j.juro.2012.07.024.

358. Vargas HA, Delaney HG, Delappe EM, Wang Y, Zheng J, Moskowitz CS, Tan Y, Zhao B, Schwartz LH, **Hricak H**, Russo P, Akin O. Multiphasic contrast-enhanced MRI: Single-slice versus volumetric quantification of tumor enhancement for the assessment of renal clear-cell carcinoma fuhrman grade. *J Magn Reson Imaging*. 2012 Nov 13. DOI: 10.1002/jmri.23899.
359. Karlo CA, Donati OF, Burger IA, Zheng J, Moskowitz CS, **Hricak H**, Akin O. MR imaging of renal cortical tumours: qualitative and quantitative chemical shift imaging parameters. *Eur Radiol*. 2013 Jan 10.
360. Veldhuis Wouter B, Akin Oguz, Goldman Debra, Mironov S., Mironov O., Soslow Robert A., Barakat Richard R., **Hricak Hedvig**. Peritoneal inclusion cysts: clinical characteristics and imaging features. *European Radiology*, 2013 April; 23 (4): 1167-1174; DOI: 10.1007/s00330-012-2695-8.
361. Pannu, Harpreet K; Ma, Weining; Zabor, Emily Craig; Moskowitz, Chaya S; Barakat, Richard R; **Hricak, Hedvig**. Enhancement of Ovarian Malignancy on Clinical Contrast Enhanced MRI Studies. *ISRN Obstetrics and Gynecology*. 2013: 979345. DOI: 10.1155/2013/979345
362. Burger, Irene A; Vargas, Hebert Alberto; Goldman, Debra A; Gonen, Mithat; Kumar, Anita; Zelenetz, Andrew D; Schoder, Heiko; **Hricak, Hedvig**. The impact of systemic chemotherapy on testicular FDG activity in young men with Hodgkin's lymphoma. *European journal of nuclear medicine and molecular imaging*, 2013 May; 40(5): 701-707. DOI: 10.1007/s00259-012-2335-1.
363. Karlo, Christoph A; Di Paolo, Pier Luigi; Donati, Olivio F; Russo, Paul; Tickoo, Satish; **Hricak, Hedvig**; Akin, Oguz. Renal Cell Carcinoma: Role of MR Imaging in the Assessment of Muscular Venous Branch Invasion. *Radiology*, 2013 May; 267(2): 454-9. DOI: 10.1148/radiol.13121555.
364. Donati OF, Jung SI, Vargas HA, Gultekin DH, Zheng J, Moskowitz CS, **Hricak H**, Zelefsky MJ, Akin O. Multiparametric Prostate MR Imaging with T2-weighted, Diffusion-weighted, and Dynamic Contrast-enhanced Sequences: Are All Pulse Sequences Necessary to Detect Locally Recurrent Prostate Cancer after Radiation Therapy? *Radiology*. 2013 March 12. PMID: 23481164.
365. Donati OF, Lakhman Y, Sala E, Burger IA, Vargas HA, Goldman DA, Andikyan V, Park KJ, Chi DS, **Hricak H**. Role of preoperative MR imaging in the evaluation of patients with persistent or recurrent gynaecological malignancies before pelvic exenteration. *European Radiology*, 2013 May 8. PMID: 23652852.
366. Burger IA, Vargas HA, Donati OF, Andikyan V, Sala E, Gonen M, Goldman DA, Chi DS, Schöder H, **Hricak H**. The value of (18)F-FDG PET/CT in recurrent gynecologic malignancies prior to pelvic exenteration. *European Radiology*, 2013 Jun; 129(3):586-92. DOI: 10.1016/j.ygyno.2013.01.017. Epub 2013 Jan 29. PMID: 2336994.
367. Mazaheri Y, Vargas HA, Nyman G, Shukla-Dave A, Akin O, **Hricak H**. Diffusion-weighted MRI of the prostate at 3.0T: Comparison of endorectal coil (ERC) MRI and phased-array coil (PAC) MRI-The impact of SNR on ADC measurement. *Eur J Radiol*. 2013 Jun 27; pii: S0720-048X (13)00265-9. DOI: 10.1016/j.ejrad.2013.04.041. PMID: 23810189.

368. McErlean A, Panicek DM, Zabor EC, Moskowitz CS, Bitar R, Motzer RJ, **Hricak H**, Ginsberg MS. Intra- and Interobserver Variability in CT Measurements in Oncology. *Radiology*. 2013 Jul 11. PMID: 23824993.
369. Lakhman Y, Akin O, Park KJ, Sarasohn DM, Zheng J, Goldman DA, Sohn MJ, Moskowitz CS, Sonoda Y, **Hricak H**, Abu-Rustum NR. Stage IB1 Cervical Cancer: Role of Preoperative MR Imaging in Selection of Patients for Fertility-Sparing Radical Trachelectomy. *Radiology*. 2013 Jun 20. PMID: 23788721
370. Mazaheri Y, Vargas HA, Nyman G, Akin O, **Hricak H**. Image Artifacts on Prostate Diffusion-weighted Magnetic Resonance Imaging: Trade-offs at 1.5 Tesla and 3.0 Tesla. *Acad Radiol*. 2013 Aug; 20(8):1041-7. DOI: 10.1016/j.acra.2013.04.005. PMID:23830610
371. Franiel T, Vargas AH, Mazaheri Y, Böhmer S, **Hricak H**, Akin O, Beyersdorff D. Role of Endorectal Prostate MRI in Patients with Initial Suspicion of Prostate Cancer. *Rofo*. 2013 Sept 2. PMID: 23999785
372. Karlo CA, Di Paolo PL, Chaim J, Hakimi AA, Ostrovnaya I, Russo P, **Hricak H**, Motzer R, Hsieh JJ, Akin O. Radiogenomics of Clear Cell Renal Cell Carcinoma: Associations between CT Imaging Features and Mutations. *Radiology*. 2013 Sept 12. PMID: 24029645
373. Jung SI, Donati OF, Vargas HA, Goldman D, **Hricak H**, Akin O. Transition Zone Prostate Cancer: Incremental Value of Diffusion-weighted Endorectal MR Imaging in Tumor Detection and Assessment of Aggressiveness. *Radiology*. 2013 Jul 22. PMID: 23878284
374. Milgrom SA, Vargas Alvarez HA, Sala E, Frankel Kelvin J, **Hricak H**, Goodman KA. Acute Effects of Pelvic Irradiation on the Adult Uterus Revealed by Dynamic Contrast-Enhanced MRI. *Br J Radiol*. 2013 Sep 19. PMID: 24052311
375. Karlo CA, Donati OF, Marigliano C, Tickoo SK, **Hricak H**, Russo P, Akin O. Role of CT in the Assessment of Muscular Venous Branch Invasion in Patients with Renal Cell Carcinoma. *AJR Am J Roentgenol*. 2013 Oct;201(4):847-52. DOI: 10.2214/AJR.12.10496.PMID: 24059374
376. Srimathveeravalli G, Kim C, Petrisor D, Ezell P, Coleman J, **Hricak H**, Solomon SB, Stoianovici D. MRI-Safe Robot for Targeted Transrectal Prostate Biopsy: Animal Experiments. *BJU Int*. 2013 Oct 10. DOI: 10.1111/bju.12335.
377. Marigliano C, Donati OF, Vargas HA, Akin O, Goldman DA, Eastham JA, Zelefsky MJ, **Hricak H**. MRI findings of radiation-induced changes in the urethra and periurethral tissues after treatment for prostate cancer. *Eur J Radiol*. 2013 Sep 22. pii: S0720-048X(13)00509-3. DOI: 10.1016/j.ejrad.2013.09.011.
378. Franiel T, Vargas HA, Mazaheri Y, Böhmer S, **Hricak H**, Akin O, Beyersdorff D. Role of Endorectal Prostate MRI in Patients with Initial Suspicion of Prostate Cancer. *Rofo*. 2013 Oct;185(10):E5. Epub 2013 Oct 23. PMID: 24154857
379. Matulewicz L, Jansen JF, Bokacheva L, Vargas HA, Akin O, Fine SW, Shukla-Dave A, Eastham JA, **Hricak H**, Koutcher JA, Zakian KL. Anatomic segmentation improves prostate cancer



detection with artificial neural networks analysis of 1 H magnetic resonance spectroscopic imaging. *J Magn Reson Imaging*. 2013 Nov 15. DOI: 10.1002/jmri.24487. PMID: 24243554

380. Vargas HA, Burger IA, Donati OF, Andikyan V, Lakhman Y, Goldman DA, Schöder H, Chi DS, Sala E, **Hricak H**. Magnetic resonance imaging/positron emission tomography provides a roadmap for surgical planning and serves as a predictive biomarker in patients with recurrent gynecological cancers undergoing pelvic exenteration. *Int J Gynecol Cancer*. 2013 Oct;23(8):1512-9. DOI: 10.1097/IGC.0b013e3182a41e61. PMID: 24257566
381. Karlo CA, Paolo PL, **Hricak H**, Tickoo SK, Russo P, Akin O. CT of Renal Cell Carcinoma: Assessment of Collecting System Invasion. *AJR Am J Roentgenol*. 2013 Dec;201(6):W821-7. DOI: 10.2214/AJR.13.10785. PMID: 24261389
382. Vargas HA, Wassberg C, Fox JJ, Wibmer A, Goldman DA, Kuk D, Gonen M, Larson SM, Morris MJ, Scher HI, **Hricak H**. Bone Metastases in Castration-Resistant Prostate Cancer: Associations between Morphologic CT Patterns, Glycolytic Activity, and Androgen Receptor Expression on PET and Overall Survival. *Radiology*. 2013 Nov 18:130625. PMID: 24475817
383. Donati OF, Mazaheri Y, Afaq A, Vargas HA, Zheng J, Moskowitz CS, **Hricak H**, Akin O. Prostate Cancer Aggressiveness: Assessment with Whole-Lesion Histogram Analysis of the Apparent Diffusion Coefficient. *Radiology*. 2013 Dec 12:130973. PMID: 24475824
384. Vargas HA, Donati OF, Wibmer A, Goldman DA, Mulhall JP, Sala E, **Hricak H**. Association Between Penile Dynamic Contrast-Enhanced MRI-Derived Quantitative Parameters and Self-Reported Sexual Function in Patients with Newly Diagnosed Prostate Cancer. *J Sex Med*. 2014 Apr 23. DOI: 10.1111/jsm.12555.
385. Miccò M, Vargas HA, Burger IA, Kollmeier MA, Goldman DA, Park KJ, Abu-Rustum NR, **Hricak H**, Sala E. Combined pre-treatment MRI and 18F-FDG PET/CT parameters as prognostic biomarkers in patients with cervical cancer. *Eur J Radiol*. 2014 Mar 30. pii: S0720-048X(14)00162-4. DOI: 10.1016/j.ejrad.2014.03.024.
386. Donati OF, Afaq A, Mazaheri Y, Vargas HA, Junting Z, Moskowitz CS, **Hricak H**, Akin O. Prostate MRI: Evaluating tumor volume and apparent diffusion coefficient as surrogate biomarkers for predicting tumor Gleason score. *Clin Cancer Res*. 2014 May 21. pii: clincanres.0044.2014. PMID: 24850842
387. Suidan RS, Ramirez PT, Sarasohn DM, Teitcher JB, Mironov S, Iyer RB, Zhou Q, Iasonos A, Paul H, Hosaka M, Aghajanian CA, Leitao MM Jr, Gardner GJ, Abu-Rustum NR, Sonoda Y, Levine DA, **Hricak H**, Chi DS. A multicenter prospective trial evaluating the ability of preoperative computed tomography scan and serum CA-125 to predict suboptimal cytoreduction at primary debulking surgery for advanced ovarian, fallopian tube, and peritoneal cancer. *Gynecol Oncol*. 2014 Jul 11. pii: S0090-8258(14)01077-4. DOI: 10.1016/j.ygyno.2014.07.002.
388. Gondo T, **Hricak H**, Sala E, Zheng J, Moskowitz CS, Bernstein M, Eastham JA, Vargas HA. Multiparametric 3T MRI for the prediction of pathological downgrading after radical prostatectomy in patients with biopsy-proven Gleason score 3 + 4 prostate cancer. *Eur Radiol*. 2014 Aug 7. PMID: 25100337

389. Vargas HA, Miccò M, Hong SI, Goldman DA, Dao F, Weigelt B, Soslow RA, **Hricak H**, Levine DA, Sala E. Association between Morphologic CT Imaging Traits and Prognostically Relevant Gene Signatures in Women with High-Grade Serous Ovarian Cancer: A Hypothesis-generating Study. *Radiology*. 2014 Nov 10:141477. PMID: 25383459
390. Wibmer A, Vargas HA, Sosa R, Zheng J, Moskowitz C, **Hricak H**. Value of a standardized lexicon for reporting levels of diagnostic certainty in prostate MRI. *AJR Am J Roentgenol*. 2014 Dec;203(6):W651-7. DOI: 10.2214/AJR.14.12654. PMID: 25415731
391. Di Paolo PL, Vargas HA, Karlo CA, Lakhman Y, Zheng J, Moskowitz CS, Al-Ahmadie HA, Sala E, Bochner BH, **Hricak H**. Intradiverticular bladder cancer: CT imaging features and their association with clinical outcomes. *Clin Imaging*. 2015 Jan-Feb;39(1):94-8. DOI: 10.1016/j.clinimag.2014.10.004. PMID: 25457532
392. Lakhman Y, Yakar D, Goldman DA, Katz SS, Vargas HA, Miccò M, Zheng J, Moskowitz CS, Soslow RA, **Hricak H**, Abu-Rustum NR, Sala E. Preoperative CT-based nomogram for predicting overall survival in women with non-endometrioid carcinomas of the uterine corpus. *Abdom Imaging*. 2014 Dec 31. PMID: 25549782
393. Mazaheri Y, Afaq AA, Jung SI, Goldman DA, Wang L, Aslan H, Zelefsky MJ, Akin O, **Hricak H**. Volume and landmark analysis: comparison of MRI measurements obtained with an endorectal coil and with a phased-array coil. *Clin Radiol*. 2014 Dec 29. pii: S0009-9260(14)00543-1. DOI: 10.1016/j.crad.2014.12.002. PMID: 25554540
394. Lakhman Y<sup>1</sup>, Katz SS, Goldman DA, Yakar D, Vargas HA, Sosa RE, Miccò M, Soslow RA, **Hricak H**, Abu-Rustum NR, Sala E. Diagnostic Performance of Computed Tomography for Preoperative Staging of Patients with Non-endometrioid Carcinomas of the Uterine Corpus. *Ann Surg Oncol*. 2015 Feb 10. PMID: 25665953
395. Mazaheri Y, Goldman DA, Di Paolo PL, Akin O, **Hricak H**. Comparison of prostate volume measured by endorectal coil MRI to prostate specimen volume and mass after radical prostatectomy. *Acad Radiol*. 2015 May;22(5):556-62. DOI: 10.1016/j.acra.2015.01.003. PMID: 25708867
396. Thornton RH, Dauer LT, Shuk E, Bylund CL, Banerjee SC, Maloney E, Fox LB, Beattie CM, **Hricak H**, Hay J. Patient perspectives and preferences for communication of medical imaging risks in a cancer care setting. *Radiology*. 2015 May; 275(2):545-52. DOI: 10.1148/radiol.15132905. PMID: 25803490
397. Hötker AM, Mazaheri Y, Zheng J, Moskowitz CS, Berkowitz J, Lantos JE, Pei X, Zelefsky MJ, **Hricak H**, Akin O. Prostate Cancer: assessing the effects of androgen-deprivation therapy using quantitative diffusion-weighted and dynamic contrast-enhanced MRI. *Eur Radiol*. 2015 Mar 29. PMID: 25820537
398. Vargas HA, Burger IA, Goldman DA, Miccò M, Sosa RE, Weber W, Chi DS, **Hricak H**, Sala E. Volume-based quantitative FDG PET/CT metrics and their association with optimal debulking and progression-free survival in patients with recurrent ovarian cancer undergoing secondary cytoreductive surgery. *Eur Radiol*. 2015 Apr 28. PMID: 25916387
399. Wibmer A, **Hricak H**, Gondo T, Matsumoto K, Veeraraghavan H, Fehr D, Zheng J, Goldman D, Moskowitz C, Fine SW, Reuter VE, Eastham J, Sala E, Vargas HA. Haralick texture analysis of

prostate MRI: utility for differentiating non-cancerous prostate from prostate cancer and differentiating prostate cancers with different Gleason scores. *Eur Radiol.* 2015 May 21. PMID: 25991476

400. Burger IA, Goldman DA, Vargas HA, Kattan MW, Yu C, Kou L, Andikyan V, Chi DS, **Hricak H**, Sala E., Incorporation of postoperative CT data into clinical models to predict 5-year overall and recurrence free survival after primary cytoreductive surgery for advanced ovarian cancer. *Gynecol Oncol.* 2015 Sep;138(3):554-9. DOI: 10.1016/j.ygyno.2015.06.010. PMID: 26093061
401. Wibmer A, Vargas HA, Donahue TF, Zheng J, Moskowitz C, Eastham J, Sala E, **Hricak H**. Diagnosis of Extracapsular Extension of Prostate Cancer on Prostate MRI: Impact of Second-Opinion Readings by Subspecialized Genitourinary Oncologic Radiologists. *AJR Am J Roentgenol.* 2015 Jul;205(1):W73-8. DOI: 10.2214/AJR.14.13600. PMID: 26102421
402. Vargas HA, Hötker AM, Goldman DA, Moskowitz CS, Gondo T, Matsumoto K, Ehdaie B, Woo S, Fine SW, Reuter VE, Sala E, **Hricak H**. Updated prostate imaging reporting and data system (PIRADS v2) recommendations for the detection of clinically significant prostate cancer using multiparametric MRI: critical evaluation using whole-mount pathology as standard of reference. *Eur Radiol.* 2015 Sep 22. PMID: 2639611
403. Sala E, Micco M, Burger IA, Yakar D, Kollmeier MA, Goldman DA, Gonen M, Park KJ, Abu-Rustum NR, **Hricak H**, Vargas HA. Complementary Prognostic Value of Pelvic Magnetic Resonance Imaging and Whole-Body Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography in the Pretreatment Assessment of Patients With Cervical Cancer. *Int J Gynecol Cancer.* 2015 Oct;25(8):1461-7. DOI: 10.1097/IGC.0000000000000519. PMID: 26397068
404. Lakhman Y, D'Anastasi M, Miccò M, Scelzo C, Vargas HA, Nougaret S, Sosa RE, Chi DS, Abu-Rustum NR, **Hricak H**, Sala E. Second-Opinion Interpretations of Gynecologic Oncologic MRI Examinations by Sub-Specialized Radiologists Influence Patient Care. *Eur Radiol.* 2015 Oct 22. PMID: 26494640
405. Fehr D, Veeraraghavan H, Wibmer A, Gondo T, Matsumoto K, Vargas HA, Sala E, **Hricak H**, Deasy JO. Automatic classification of prostate cancer Gleason scores from multiparametric magnetic resonance images. *Proc Natl Acad Sci U S A.* 2015 Nov 17;112(46):E6265-73. DOI: 10.1073/pnas.1505935112. Epub 2015 Nov 2. PMID: 26578786
406. Kristen L. Zakian, William Hatfield, Omer Aras, Kun Cao, Derya Yakar, Debra A. Goldman, Chaya S. Moskowitz, Amita Shukla-Dave, Yousef Mazaheri Tehrani, Samson Fine, James Eastham, **Hedvig Hricak**, Prostate MRSI predicts outcome in radical prostatectomy patients. *Magnetic Resonance Imaging* 34 (2016) pp. 674-681 DOI : 10.1016/j.mri.2016.01.003. PMID: 26821278
407. Hotker, AM, Mazaheri, Y, Wibmer, A, Zheng, JT, Moskowitz, CS, Tickoo, SK, Russo, P, **Hricak, H**, Akin, O. Use of DWI in the Differentiation of Renal Cortical Tumors. *American Journal of Roentgenology.* 2016 Jan;206(1):100-105. DOI: 10.2214/AJR.14.13923. PMID 26700340
408. Robertson, NL, **Hricak, H**, Sonoda, Y, Sosa, RE, Benz, M, Lyons, G, Abu-Rustum, NR, Sala, E, Vargas, HA. The impact of FDG-PET/CT in the management of patients with vulvar and vaginal cancer. 2016 March 140(3);420-424. DOI: 10.1016/j.ygyno.2016.01.011. PMID: 26790773

409. Lakhman, Y, Katz, SS, Goldman, DA, Yakar, D, Vargas, HA, Sosa, RE, Micco, M, Soslow, RA, **Hricak, H**, Abu-Rustum, NR. Diagnostic Performance of Computed Tomography for Preoperative Staging of Patients with Non-endometrioid Carcinomas of the Uterine Corpus. *Annals of Surgical Oncology*. 2016 April;23(4):1271-1278. DOI: 10.1245/s10434-015-4410-x. PMID: 25665953
410. Hotker, AM, Mazaheri, Y, Aras, O, Zheng, JT, Moskowitz, CS, Gondo, T, Matsumoto, K, **Hricak, H**, Akin, O. Assessment of Prostate Cancer Aggressiveness by Use of the Combination of Quantitative DWI and Dynamic Contrast-Enhanced MRI. *American Journal of Roentgenology*. 2016 Apr;206(4):756-63. DOI: 10.2214/AJR.15.14912. Epub 2016 Feb 22. PMID: 26900904
411. Karlo, CA, Kou, L, Di Paolo, PL, Kattan, MW, Motzer, RJ, Russo, P, Tickoo, SK, Akin, O, **Hricak, H**. Renal cell carcinoma: A nomogram for the CT imaging-inclusive prediction of indolent, non-clear cell renal cortical tumours. *European Journal of Cancer*. 2016 May; 59:57-64. DOI: 10.1016/j.ejca.2016.02.012. PMID: 27016623
412. Hotker, Andreas M., Karlo, Christoph A, Zheng, Junting, **Hricak H**. et al. Clear Cell Renal Cell Carcinoma: Associations Between CT Features and Patient Survival. *American Journal of Roentgenology*. 2016 May; 206(5):1023-1030. DOI: 10.2214/AJR.15.15369. PMID: 26934514
413. Zakian, Kristen L., Hatfield, William, Aras, Omer, **Hricak, H**. et al. Prostate MRSI predicts outcome in radical prostatectomy patients. *Magnetic Resonance Imaging*. 2016 June; 26(6):674-681. DOI: 10.1016/j.mri.2016.01.003. PMID: 26821278
414. Vargas, HA, Hotker, AM, Goldman, DA, Moskowitz, CS, **Hricak H**. et al. Updated prostate imaging reporting and data system (PIRADS v2) recommendations for the detection of clinically significant prostate cancer using multiparametric MRI: critical evaluation using whole-mount pathology as standard of reference. 2016 June; 26(6):1606-1612. DOI: 10.1007/s00330-015-4015-6. PMID: 26396111
415. Lakhman, Y; D'Anastasi, M; Micco, M, **Hricak, H**. et al. Second-Opinion Interpretations of Gynecologic Oncologic MRI Examinations by Sub-Specialized Radiologists Influence Patient Care. 2016, July; 26(7):2089-2098. DOI: 10.1007/s00330-015-4040-5. PMID: 26494640
416. Vargas, Hebert Alberto; Schor-Bardach, Rachel; Long, Niamh, **Hricak, H**.; et al. Prostate cancer bone metastases on staging prostate MRI: prevalence and clinical features associated with their diagnosis. *Abdominal Radiology*. 2016, Aug. PMID: 27480976
417. Hay, Jennifer L; Gold, Geoffrey S; Baser, Raymond E; **Hricak, H**.; et al. Prevalence and Correlates of Worry about the Health Harms of Medical Imaging Radiation in the General Population. *Journal of Primary Care & Community Health*. 2016, Oct. 7(4); 219-25. DOI: 10.1177/2150131916648917 PMID: 27162081. PMID: 27162081
418. Vargas, Hebert Alberto; Martin-Malburet, Alexandre G; Takeda, Toshikazu; **Hricak, H**.; et al. Localizing sites of disease in patients with rising serum prostate-specific antigen up to 1ng/ml following prostatectomy: How much information can conventional imaging provide? *Urologic Oncology*. 2016, Nov. 34(11); 482.e5-482.e10. DOI: 10.1016/j.urolonc.2016.05.026. PMID: 27346339
419. Shukla-Dave, Amita; Castillo-Martin, Mireia; Chen, Ming; **Hricak, H**.; et al. Ornithine Decarboxylase Is Sufficient for Prostate Tumorigenesis via Androgen Receptor Signaling. *American Journal of Pathology*. 2016, Dec. 186(12); 3131-3145. DOI: 10.1016/j.ajpath.2016.08.021. PMID: 27770613

420. Hashimoto, Takeshi; Rahul, Krishnan; Takeda, Toshikazu; **Hricak, H.**; et al. Prostate magnetic resonance imaging findings in patients treated for testosterone deficiency while on active surveillance for low-risk prostate cancer. *Urologic Oncology*. 2016, Dec. 34(12); 530.e9-530.e14. DOI: 10.1016/j.urolonc.2016.07.004. PMID: 27665357
421. Lakhman, Yulia; Veeraraghavan, Harini; Chaim, Joshua; **Hricak, H.**; et al. Differentiation of Uterine Leiomyosarcoma from Atypical Leiomyoma: Diagnostic Accuracy of Qualitative MR Imaging Features and Feasibility of Texture Analysis. *European Radiology*. 2016, Dec. PMID: 27921159
422. Vargas, Hebert Alberto; Schor-Bardach, Rachel; Long, Niamh; **Hricak, H.**; et al. Prostate cancer bone metastases on staging prostate MRI: prevalence and clinical features associated with their diagnosis. *Abdominal Radiology*. 2017, Jan. 42(1); 271-277.
423. Vargas HA, Veeraraghavan H, Micco M, Nougaret S, Lakhman Y, Meier AA, Sosa R, Soslow RA, Levine DA, Weigelt B, Aghajanian C, **Hricak H**, Deasy J, Snyder A, Sala E. A novel representation of inter-site tumor heterogeneity from pre-treatment computed tomography textures classifies ovarian cancers by clinical outcome. *Eur Radiol* 2017 Mar 13. doi: 10.1007/s00330-017-4779-y. [Epub ahead of print].
424. Suidan, Rudy S; Ramirez, Pedro T; Sarasohn, Debra M; **Hricak, H.** et al. A multicenter assessment of the ability of preoperative computed tomography scan and CA-125 to predict gross residual disease at primary debulking for advanced epithelial ovarian cancer. *Gynecologic oncology*. 2017, April. 145 (1); 27-31. DOI:10.1016/j.ygyno.2017.02.020. PMID: 28209497
425. Nicolau, Carlos; Sala, Evis; Kumar, Anita; **Hricak, Hedvig**; et. al. Renal Masses Detected on FDG PET/CT in Patients With Lymphoma: Imaging Features Differentiating Primary Renal Cell Carcinomas From Renal Lymphomatous Involvement. *American journal of roentgenology*. 208(4); 849-853. DOI:10.2214/AJR.16.17133. PMID: 28095016
426. Shukla-Dave A, Wassberg C, Pucar D, **Hricak H**.et al. Multimodality imaging using proton magnetic resonance spectroscopic imaging and 18F-fluorodeoxyglucose-positron emission tomography in local prostate cancer. *World J Radiol*. 2017 Mar 28. 9(3):134-142. DOI: 10.4329/wjr.v9.i3.134. PMID: 28396727
427. Hoetker, Andreas M., Mazaheri, Yousef, Wibmer, Andreas, **Hricak H**.et al. Differentiation of Clear Cell Renal Cell Carcinoma from Other Renal Cortical Tumors by Use of a Quantitative Multiparametric MRI Approach. *American Journal of Roentgenology*. 2017, March. 208(3); W85-W91. DOI: 10.2214/AJR.16.16652. PMID: 28095036
428. Suidan, Rudy S., Ramirez, Pedro T., Sarasohn, Debra M., **Hricak H**.et al. A multicenter assessment of the ability of preoperative computed tomography scan and CA-125 to predict gross residual disease at primary debulking for advanced epithelial ovarian cancer. *Gynecologic Oncology*. 2017, April. 145(1); 27-31. DOI: 10.1016/j.ygyno.2017.02.020. PMID: 28209497
429. Nicolau, Carlos, Sala, Evis, Kumar, Anita, **Hricak H**.et al. Renal Masses Detected on FDG PET/CT in Patients with Lymphoma: Imaging Features Differentiating Primary Renal Cell Carcinomas From Renal Lymphomatous Involvement. *American Journal of Roentgenology*. 2017, April. 208(4); 849-853. DOI: 10.2214/AJR.16.17133. PMID: 28095016
430. Yarmish, Gail, Sala, Evis, Goldman, Debra A., **Hricak H**.et al. Abdominal wall endometriosis: differentiation from other masses using CT features. *Abdominal Radiology*. 2017, May. 42(5); 1517-1523. DOI: 10.1007/s00261-016-0998-y. PMID: 28004137
431. Robertson, Nicola L.; Sala, Evis, Benz, Matthias, **Hricak H**.et al. Combined Whole Body and Multiparametric Prostate Magnetic Resonance Imaging as a 1-Step Approach to the Simultaneous

- Assessment of Local Recurrence and Metastatic Disease after Radical Prostatectomy. *Journal of Urology*. 2017, July. 198(1); 65-70. DOI: 10.1016/j.juro.2017.02.071. PMID: 28216327
432. Lakhman, Yulia; Veeraraghavan, Harini; Chaim, Joshua; **Hricak H**.et al. Differentiation of Uterine Leiomyosarcoma from Atypical Leiomyoma: Diagnostic Accuracy of Qualitative MR Imaging Features and Feasibility of Texture Analysis. *European Radiology*. 2017, July. 27(7); 2903-2915. DOI: 10.1007/s00330-016-4623-9. PMID: 27921159
433. Nougaret, Stephanie; Robertson, Nicola; Pernicka, Jennifer Golia; **Hricak H**.et al. The performance of PI-RADSV2 and quantitative apparent diffusion coefficient for predicting confirmatory prostate biopsy findings in patients considered for active surveillance of prostate cancer. *Abdominal Radiology*. 2017, July. 42(7); 1968-1974. DOI: 10.1007/s00261-017-1086-7. PMID: 28258355
434. Vargas, Hebert Alberto; Veeraraghavan, Harini; Micco, Maura; **Hricak H**.et al. A novel representation of inter-site tumour heterogeneity from pre-treatment computed tomography textures classifies ovarian cancers by clinical outcome. *European Radiology*. 2017, September. 27(9); 3991-4001. DOI: 10.1007/s00330-017-4779-y. PMID: 28289945
435. Mazaheri, Yousef; Hotker, Andreas M; Shukla-Dave, Amita; **Hricak H**.et al. Model selection for high b-value diffusion-weighted MRI of the prostate. *Magnetic resonance imaging*. 2017, October. 46; 21-27. DOI: 10.1016/j.mri.2017.10.003. PMID: 29031583
436. Nougaret, Stephanie; Lakhman, Yulia; Gonen, Mithat; **Hricak H**.et al. High-Grade Serous Ovarian Cancer: Associations between BRCA Mutation Status, CT Imaging Phenotypes, and Clinical Outcomes. *Radiology*. 2017, November. 285(2); 472-481. PMID: 28628421
437. Mazaheri Y, Hötter AM, Shukla-Dave A, Akin O, **Hricak H**. Model selection for high b-value diffusion-weighted MRI of the prostate. *Magn Reson Imaging*. 2018 Feb; 46:21-27. doi: 10.1016/j.mri.2017.10.003. Epub 2017 Oct 12. PMID: 29031583
438. Mazaheri Y, Hötter AM, Shukla-Dave A, Akin O, **Hricak H**. Effect of intravascular contrast agent on diffusion and perfusion fraction coefficients in the peripheral zone and prostate cancer. *Magn Reson Imaging*. 2018 Sept; 51:120-127. doi: 10.1016/j.mri.2018.04.007. Epub 2018 Apr 17. PMID: 29678542
439. Nougaret S, Lakhman Y, Molinari N, Feier D, Scelzo C, Vargas HA, Sosa RE, **Hricak H**, Soslow RA, Grisham RN, Sala E. CT Features of Ovarian Tumors: Defining Key Differences Between Serous Borderline Tumors and Low-Grade Serous Carcinomas. *AJR Am J Roentgenol*. 2018 Apr;210(4):918-926. doi: 10.2214/AJR.17.18254. Epub 2018 Feb 28. PMID: 29489407
440. Mazaheri Y, Shukla-Dave A, Goldman DA, Moskowitz CS, Takeda T, Reuter VE, Akin O, **Hricak H**. Characterization of prostate cancer with MR spectroscopic imaging and diffusion-weighted imaging at 3 Tesla. *Magn Reson Imaging*. 2019 Jan; 55:93-102. doi: 10.1016/j.mri.2018.08.025. Epub 2018 Aug 31. PMID: 30176373
441. Hötter AM, Meier A, Mazaheri Y, Zheng J, Capanu M, Chaim J, Sosa R, Coleman J, **Hricak H**, Akin O. Temporal changes in MRI appearance of the prostate after focal ablation. *Abdom Radiol (NY)*. 2019 Jan;44(1):272-278. doi: 10.1007/s00261-018-1715-9. PMID: 30069583
442. Hötter AM, Dappa E, Mazaheri Y, Ehdaie B, Zheng J, Capanu M, **Hricak H**, Akin O. The Influence of Background Signal Intensity Changes on Cancer Detection in Prostate MRI. *AJR Am J Roentgenol*. 2019 Apr;212(4):823-829. doi: 10.2214/AJR.18.20295. Epub 2019 Feb 4. PMID: 30714830
443. Touijer KA, Michaud L, Alvarez HAV, Gopalan A, Kossatz S, Gonen M, Beattie B, Sandler I, Lyaschenko S, Eastham JA, Scardino PT, **Hricak H**, Weber WA. Prospective Study of the Radiolabeled GRPR Antagonist BAY86-7548 for Positron Emission Tomography/Computed

- Tomography Imaging of Newly Diagnosed Prostate Cancer. *Eur Urol Oncol.* 2019 Mar;2(2):166-173. doi: 10.1016/j.euo.2018.08.011. Epub 2018 Sep 22. PMID: 31017093
444. Meier A, Veeraraghavan H, Nougaret S, Lakhman Y, Sosa R, Soslow RA, Sutton EJ, **Hricak H**, Sala E, Vargas HA. Association between CT-texture-derived tumor heterogeneity, outcomes, and BRCA mutation status in patients with high-grade serous ovarian cancer. *Abdom Radiol (NY).* 2019 Jun;44(6):2040-2047. doi: 10.1007/s00261-018-1840-5. PMID: 30474722
445. Woo S, Suh CH, Eastham JA, Zelefsky MJ, Morris MJ, Abida W, Scher HI, Sidlow R, Becker AS, Wibmer AG, **Hricak H**, Vargas HA. Comparison of Magnetic Resonance Imaging-stratified Clinical Pathways and Systematic Transrectal Ultrasound-guided Biopsy Pathway for the Detection of Clinically Significant Prostate Cancer: A Systematic Review and Meta-analysis of Randomized Controlled Trials. *Eur Urol Oncol.* 2019 Jun 13. pii: S2588-9311(19)30071-9. doi: 10.1016/j.euo.2019.05.004. Review. PMID: 31204311
446. Wibmer AG, Robertson NL, **Hricak H**, Zheng J, Capanu M, Stone S, Ehdaie B, Brawer MK, Vargas HA. Extracapsular extension on MRI indicates a more aggressive cell cycle progression genotype of prostate cancer. *Abdom Radiol (NY).* 2019 Aug;44(8):2864-2873. doi: 10.1007/s00261-019-02023-1. PMID: 31030245
447. Granlund KL, Tee SS, Vargas HA, Lyashchenko SK, Reznik E, Fine S, Laudone V, Eastham JA, Touijer KA, Reuter VE, Gonen M, Sosa RE, Nicholson D, Guo YW, Chen AP, Tropp J, Robb F, **Hricak H**, Keshari KR. Hyperpolarized MRI of Human Prostate Cancer Reveals Increased Lactate with Tumor Grade Driven by Monocarboxylate Transporter 1. *Cell Metab.* 2019 Sep 24. pii: S1550-4131(19)30498-X. doi: 10.1016/j.cmet.2019.08.024. PMID: 31564440
448. Prognostic Value of Pretreatment MRI in Patients with Prostate Cancer Treated with Radiation Therapy: A Systematic Review and Meta-Analysis. Woo S, Han S, Kim TH, Suh CH, Westphalen AC, **Hricak H**, Zelefsky MJ, Vargas HA. *AJR Am J Roentgenol.* 2019 Dec 4:1-8. doi: 10.2214/AJR.19.21836. PMID: 31799874
449. Interactive, Up-to-date Meta-Analysis of MRI in the Management of Men with Suspected Prostate Cancer. Becker AS, Kirchner J, Sartoretti T, Ghafoor S, Woo S, Suh CH, Erinjeri JP, **Hricak H**, Vargas HA. *J Digit Imaging.* 2020 Jan 2. doi: 10.1007/s10278-019-00312-1. PMID: 31898035
450. Interactive, Up-to-date Meta-Analysis of MRI in the Management of Men with Suspected Prostate Cancer. Becker AS, Kirchner J, Sartoretti T, Ghafoor S, Woo S, Suh CH, Erinjeri JP, **Hricak H**, Vargas HA. *J Digit Imaging.* 2020 Jun;33(3):586-594. doi: 10.1007/s10278-019-00312-1. PMID: 31898035
451. The Diagnostic Performance of the Length of Tumor Capsular Contact on MRI for Detecting Prostate Cancer Extraprostatic Extension: A Systematic Review and Meta-Analysis. Kim TH, Woo S, Han S, Suh CH, Ghafoor S, **Hricak H**, Vargas HA. *Korean J Radiol.* 2020 Jun;21(6):684-694. doi: 10.3348/kjr.2019.0842. PMID: 32410407
452. Renal cell carcinoma: Associations between tumor imaging features and epidemiological risk factors. Hötter AM, Karlo CA, Di Paolo PL, Zheng J, Moskowitz CS, Russo P, **Hricak H**, Akin O. *Eur J Radiol.* 2020 Aug;129:109096. doi: 10.1016/j.ejrad.2020.109096. Epub 2020 May 30. PMID: 32559590

453. Comparison of PI-RADS Versions 2.0 and 2.1 for MRI-based Calculation of the Prostate Volume. Ghafoor S, Becker AS, Woo S, Causa Andrieu PI, Stocker D, Gangai N, **Hricak H**, Vargas HA. *Acad Radiol*. 2020 Aug 17;S1076-6332(20)30450-5. doi: 10.1016/j.acra.2020.07.027. Online ahead of print. PMID: 32814644
454. The role and contribution of treatment and imaging modalities in global cervical cancer management: survival estimates from a simulation-based analysis. Ward ZJ, Grover S, Scott AM, Woo S, Salama DH, Jones EC, El-Diasty T, Pieters BR, Trimble EL, Vargas HA, **Hricak H**, Atun R. *Lancet Oncol*. 2020 Aug;21(8):1089-1098. doi: 10.1016/S1470-2045(20)30316-8. PMID: 32758463
455. Estimating the impact of treatment and imaging modalities on 5-year net survival of 11 cancers in 200 countries: a simulation-based analysis. Ward ZJ, Scott AM, **Hricak H**, Abdel-Wahab M, Paez D, Lette MM, Vargas HA, Kingham TP, Atun R. *Lancet Oncol*. 2020 Aug;21(8):1077-1088. doi: 10.1016/S1470-2045(20)30317-X. PMID: 32758462
456. Emergency room imaging in patients with genitourinary cancers: analysis of the spectrum of CT findings and their relation to patient outcomes. Woo S, Bou Ayache J, Sawan P, Infantino J, Gangai N, Wibmer A, **Hricak H**, Groeger JS, Vargas HA. *Emerg Radiol*. 2020 Aug;27(4):413-421. doi: 10.1007/s10140-020-01774-5. Epub 2020 Apr 6. PMID: 32249352
457. National Trends in Oncologic Diagnostic Imaging. Rosenkrantz AB, Chaves Cerdas L, Hughes DR, Recht MP, Nass SJ, **Hricak H**, J Am Coll Radiol. 2020 Sep;17(9):1116-1122. doi: 10.1016/j.jacr.2020.06.001. Epub 2020 Jul 5. PMID: 32640248
458. Diagnostic performance of conventional and advanced imaging modalities for assessing newly diagnosed cervical cancer: systematic review and meta-analysis. Woo S, Atun R, Ward ZJ, Scott AM, **Hricak H**, Vargas HA. *Eur Radiol*. 2020 Oct;30(10):5560-5577. doi: 10.1007/s00330-020-06909-3. Epub 2020 May 15. PMID: 32415584
459. Prognostic Utility of MRI Features in Intradiverticular Bladder Tumor. Woo S, Ghafoor S, Becker AS, **Hricak H**, Goh AC, Vargas HA. *Acad Radiol*. 2020 Nov 5;S1076-6332(20)30597-3. doi: 10.1016/j.acra.2020.10.010. Online ahead of print. PMID: 33162319

## II. Reviews

### *Peer Reviewed Review Articles*

1. **Hricak H**, Eyler WR. The role of ultrasound in acute post-transplant renal failure. (In) Kurjak A, ed: *Recent advances in ultrasound diagnosis 2*, Excerpta Medica Amsterdam, 1980; 441-445.
2. Sandler MA, Marks D, **Hricak H**, Madrazo BL, Petrocelli R. Benign focal diseases of the liver. *Seminars in Ultrasound* 1980; 2(3):202-211.
3. Madrazo BL, **Hricak H**, Sandler MA, Hudak SF, Eyler WR. Sonographic features of gastrointestinal neoplasms. *Critical Reviews in Diagnostic Imaging* 1982; 17(3):217-237.



4. Fleischer AC, **Hricak H**, MacDonnell RC Jr., Johnson KH, Richie RE Jr., Everette JA, Kurtz AB. Sonography of renal transplant patients. *CRC* 1982; 18(3):197-242.
5. **Hricak H**. Renal medical disorders - the role of sonography. (In) Saunders R (ed) *Ultrasound Annual*. New York: Raven Press, 1982: pp. 43-80.
6. **Hricak H**, Filly RA. Sonography of the scrotum. *Invest Radiol* 1983; 18:112-121.
7. Higgins CB, **Hricak H**, Gamsu G, Webb RW, Moss AA, Genant HK, Moon KL, Brasch RC, Margulis AR. Clinical NMR imaging of the body. *Seminars in Nuclear Medicine* 1983; Vol XIII (4):83:347-363.
8. **Hricak H**, Jeffrey B. Sonography of acute scrotal abnormalities. *Radiologic Clinics of North America* 1983; Vol 21(3):595-603.
9. **Hricak H**. MR imaging of the retroperitoneum and pelvis. *British Medical Journal* 1983; 40(2):197-201
10. Moon KL, **Hricak H**. NMR imaging of the urinary tract. *Applied Radiology*. 1983[id2].
11. **Hricak H**, Filly RA. Sonography of the scrotum. *Invest Radiol* 1983; 18:112-121.
12. **Hricak H**, Williams RD. Magnetic resonance imaging: Its application in urology. *Urology* 1984; 23(5):442-454.
13. Williams RD, **Hricak H**. Magnetic resonance imaging in urology. *J Urol* 1984; 132:641-649.
14. **Hricak H**. NMR of the kidney. (In) Newhouse JH (ed): *Radiologic Clinics of North America* Vol 1984; 22(2):287-296.
15. Davis PL, **Hricak H**, Bradley WG Jr. Magnetic resonance imaging of the adrenal glands. *Radiol Clin North Am* 1984; 22(4):891-895.
16. **Hricak H**, Newhouse JG. MR imaging of the kidney. *Radiol Clin North Am* 1984; 22(2):287-296.
17. Terrier F, **Hricak H**. Potential of magnetic resonance imaging in renal imaging. *NMR Update Series*. New Jersey: Continuing Professional Education Center, Inc., 1985; Vol 7, Book 7:2-24.
18. Demas BE, **Hricak H**. Applications of magnetic resonance imaging in clinical urology. *Henry Ford Hospital Med J* 1985; 33:128-132.

19. Demas BE, **Hricak H**, Williams RD. Magnetic resonance imaging in the evaluation of urologic malignancies. *Seminars in Urology* 1985; III (1):27-33.
20. Hoddick WK, **Hricak H**, Jeffrey RB. Scrotal sonography. *Semin Urol* 1985; 3:146-157.
21. Lue TF, **Hricak H**, Marich KW, Tanagho EA. Evaluation of arteriogenic impotence with intracorporeal injection of papaverine and duplex ultrasound scanner. *Semin Urol* 1985; 3(1):43-48.
22. **Hricak H**. MRI in the female pelvis. *AJR* 1986; 146:1115.
23. Demas BE, **Hricak H**. Magnetic resonance imaging in the evaluation of the retroperitoneum. *Urol Radiol* 1986; 8:151-155.
24. Doods GC, **Hricak H**. Magnetic resonance imaging of the pelvis: Prostate and urinary bladder. *Urol Radiol* 1986; 8:156-165.
25. Hellstrom WJ, Bretan PN, **Hricak H**, Schmidt RA, Tanagho EA. Urodynamic sonography. *J Urol* 1986; 133:231A.
26. Doods GC, **Hricak H**. Radiologic imaging modalities, including magnetic resonance, for evaluating lymph nodes. *Western J Med* 1986; 144(1):49-57.
27. **Hricak H**, Taylor KJW, Marich K, Lue TF, Burns P. Doppler in urology. (In) **Hricak H** (ed) *Clinics in Ultrasound (Genitourinary System)*. New York: Churchill-Livingstone, 1986; pp. 241-270.
28. **Hricak H**, Hoddick W. Scrotal ultrasound. (In) **Hricak H** (ed) *Clinics in Ultrasound (Genitourinary System)*. New York: Churchill-Livingstone, 1986; pp. 219-240.
29. Hoddick W, **Hricak H**. Ultrasound in renal transplantation. (In) **Hricak H** (ed) *Clinics in Ultrasound (Genitourinary System)*. New York: Churchill Livingstone, 1986; pp. 161-179.
30. Margulis AR, **Hricak H**, Crooks L. Medical applications of nuclear magnetic resonance imaging. Review Article. *Q Rev Biophys* 1987; 19:221-237.
31. **Hricak H**. Urologic cancer. Methods of early detection and future developments. *Cancer* 1987; 60:677-685.
32. **Hricak H**. Magnetic resonance imaging and pelvic abnormalities. *The Western Journal of Medicine*, November 1987; 147:5 (Epitome).
33. **Hricak H**. Imaging prostate carcinoma. Editorial. *Radiology* 1988; 169:569-571.

34. Chang Y, **Hricak H**. Magnetic resonance imaging of the prostate gland. (In) Raymond HW, Zwiebel WJ, Harnsberger HR (eds). Seminars in Ultrasound, CT and MR. Philadelphia: Grune & Stratton, 1988: Volume 9, No. 5, pp. 343-351.
35. **Hricak H**. Many facets of prostate carcinoma. (In) Raymond H, Zwiebel WJ, Harnsberger HR (eds). Seminars in Ultrasound, CT and MRI, Philadelphia: Grune & Stratton, 1988: 327-328 Vol. 9, No. 5.
36. **Hricak H**. Pathology of the prostate. (In) Keats TE (ed). Current Problems in Diagnostic Radiology. Chicago: Year book Medical Publishers, 1988.
37. Chang YCF, **Hricak H**. Current status of MR imaging of the female pelvis. CRC Press, Inc. 1988; 29:337-356.
38. **Hricak H**, Demas BE. Advances in Imaging. Cancer 1988; 62(Suppl):193-198.
39. **Hricak H**. Imaging prostate carcinoma. Radiology 1988; 169:569-571.
40. Chang Yoshi F, Arrive L, **Hricak H**. Gynecologic tumor imaging. Seminars in Ultrasound, CT and MR 1989; 10(1):29-42.
41. **Hricak H**. Guidelines for magnetic resonance imaging in obstetrics and gynecology. American College of Radiology, Clinical Applications of Magnetic Resonance Imaging, 1989; 31-35.
42. **Hricak H**, Lee F, Stamey TA: Ultrasonography of the prostate. Expert Exchange, Perspectives in Radiology 1989; 2:1.
43. **Hricak H**, Arrive L. Prostate carcinoma: The value of CT and MRI. AJR Special Edition 1989; 101-107.
44. **Hricak H**. Phosphorus-31 MRS of the kidney. Invest Radiol 1989; 24:993-996.
45. Chew WM, **Hricak H**. Phosphorus-31 MRS of human testicular function and viability. Invest Radiol 1989; 24:997-1000.
46. **Hricak H**. Testicular MRI. Contemporary Urology 1990; 2(7):13-23.
47. Carrington BM, **Hricak H**. Pelvic malignancy: The value of MRI pre- and post-radiation. International Journal of Radiation Oncology 1990[id3].
48. **Hricak H**. Noninvasive imaging in diagnosis, staging, and treatment of prostate cancer. Oncology Update, 1990; 4:9.

49. Demas BE, **Hricak H**, McClure RD. Varicoceles: Radiologic diagnosis and treatment. Radiologic Clinics of North America, 1990.
50. Carrington BM, **Hricak H**. MRI staging of endometrial and cervical carcinoma. Current Imaging, Volume 3, Number 1, 1990.
51. Tomei E, **Hricak H**. Can intravenous urography be replaced by sonography? International Yearbook of Nephrology, 1990.
52. **Hricak H**. 1989 RSNA Highlights. Radiology 1990; 174:913-915.
53. **Hricak H**. Postoperative and postradiation changes in the pelvis. Magnetic Resonance Quarterly, 1990; 6(4):276-297.
54. **Hricak H**. Postoperative and postradiation changes in the pelvis. Magn Res Quart 1990; 6(4):276-297.
55. **Hricak H**. Carcinoma of the female reproductive organs: Value of cross-sectional imaging. Cancer, 1991; 67(4):1209-1218.
56. **Hricak H**. Imaging for pelvic malignancy: The value of MRI pre- and post-irradiation. Int J Radiation Oncology and Biol Phys 1991; 21(4):1089-1094.
57. Vapnek JM, **Hricak H**, Carroll PR. Imaging of genitourinary cancer. AUA Update Series. J Urol, 1991; 10:32.
58. **Hricak, H**. 1990 RSNA Highlights. Radiology 1991.
59. **Hricak H**. MRI: Neoplasms of the female pelvis. AJR 1991; 193-198.
60. **Hricak H**. MR imaging in gynecologic oncology. Gynecol Oncol 1991; 191-195.
61. **Hricak H**. MRI of the male pelvis. Uro Imaging, 1991; 1:59-84.
62. **Hricak H**, Campos Z, Carroll P. Magnetic resonance imaging of the kidney. World J of Urol 1992; 10:154-160.
63. Vapnek J, **Hricak H**, Carroll PR. Recent advances in imaging studies for staging of penile and urethral carcinoma. Urologic Clinics of North America 1992; 19(2):257-266.

64. **Hricak H**, Kim B. Contrast-enhanced MR imaging of the female pelvis. *JMRI* 1993; 3:297-306.
65. **Hricak H**. MR imaging in gynecologic oncology. *Eur Radiol* 1993; 3:1-11.
66. **Hricak H**. Current trends in MR imaging of the female pelvis. *RadioGraphics* 1993; 13:913-919.
67. Bragg DG, **Hricak H**. Imaging in gynecologic malignancies. *Cancer* 1993; 1648-1651.
68. **Hricak H**. MRI of the female pelvis: The value of Gd-DTPA. *Advances in MRI - Contrast*. London: Kluwer Academic Press, Vol. 1, No. 3.
69. Occhipinti K, **Hricak H**. Female pelvis: Overcoming hurdles to cancer staging. *Diagnostic Imaging* 1993; Supp. 8-13.
70. Kim B, **Hricak H**. MR imaging of the female pelvis. *Indian J of Radiol Imag* 1993; 3:79-87.
71. Occhipinti KA, Frankel SD, **Hricak H**. The ovary: computed tomography and magnetic resonance imaging. (In) Gooding GAW, Higgins CB (guest eds). *The Radiologic Clinics of North America*. Philadelphia: W.B. Saunders Company, September 1993: pp. 1115, Vol 31, No.5.
72. **Hricak H**. Magnetic resonance imaging of the female pelvis. *Lijec Vjesn* 1994; 116:149-154.
73. **Hricak, H**. Magnetic resonance imaging evaluation of the irradiated female pelvis. *Sem in Roentgenology* 1994; 29(1):70-80.
74. Forstner R, **Hricak H**, White S. CT and MRI of ovarian cancer. *Abdom Imaging* 1995; 20:2-8.
75. Patel MD, **Hricak H**. Current role of magnetic resonance imaging in urology. *Current Opinion in Urology* 1995; 5:67-74.
76. **Hricak H**. Applied Radiology Resident Program (Review 5 articles and write introduction) Introduction to MRI. *Applied Radiology* March 1995; Supplement, p. 33.
77. Lipson SA and **Hricak H**. MRI of the female pelvis. *Radiology Clinics of North America* 1996; 34(6):1157-1180.
78. **Hricak H**. Radiation changes of the female reproductive system. *Seminars in Roentgenology* [id3].
79. **Hricak H**. MR imaging of uterine cancer. *MRI Decisions* [id3].

80. **Hricak H**, Yu KK. Radiology in invasive cervical cancer. *AJR* 1996; 167:1101-1108.
81. Yu KK, Forstner R, **Hricak H**. Cervical carcinoma: Role of imaging. *Abdom Imaging* 1997; 22:208-215.
82. Yu KK, **Hricak H**. Can MRI of the pelvis be cost effective? *Abdom Imaging* 1997; 22:597-601.
83. **Hricak H**. Imaging in gynecology. Feature Section, *Abdom Imaging* 1997; 22:550.
84. **Hricak H**. Widespread use of MRI in gynecology: A myth or reality? *Abdom Imaging* 1997; 22:579-588.
85. Serra A, **Hricak H**. Gynecologic imaging - Practical applications for MRI. *Current Problems in Obstetrics, Gynecology and Fertility* 1997; 20(5):155-181.
86. Coakley FV, **Hricak H**, Presti JC. Imaging and management of atypical testicular masses. *Urologic Clinics of North America* 1998; 25(3):375-388.
87. **Hricak H**. Advances in women's imaging. *Radiographics* 1998; 18(4):891-892.
88. Choyke PL, Hricak H, Kenney PJ, Sandler CM, Bush WH Jr., Clark RL. The future of research in genitourinary radiology: Through the looking glass -- A view from the Society of Uroradiology. *Radiology* 1998; 207:3-6.
89. Nguyen HT, Coakley FV, **Hricak H**. Cryptorchidism: Strategies for detection. *European Radiology* 1999; 9:336-343.
90. **Hricak H**. Imaging Prostate Cancer. *J Urol*, 1999; 162(4):1329-30.
91. Qayyum A, **Hricak H**. Imaging in infertility. *Références en Gynécologie Obstétrique* 1999; 6:305-319.
92. Angtuaco TI, deParedes ES, McAleese KA, **Hricak H**. Women's health care centers and the women's imaging subspecialty: emerging frontiers in radiology. *Radiographics* 1999, 19 Spec No:S3-10.
93. Coakley FV, **Hricak H**. Radiologic anatomy of the prostate gland: a clinical approach. *Radiologic Clinics of North America* 2000; 38(1):15-30.
94. Grossfeld G, Coakley FV, **Hricak H**. Benign prostatic hyperplasia – Clinical overview and value of diagnostic imaging. *Radiologic Clinics of North America* 2000; 38(1):31-47.

95. Yu KK, **Hricak H**. Imaging Prostate Cancer. *Radiologic Clinics of North America*, 2000; 38(1):59-85.
96. Nudell DM, Wefer AE, **Hricak H**, Carroll PR. Imaging for recurrent prostate cancer. *Radiologic Clinics of North America*, 2000; 38(1):213-229.
97. Koutcher JA, Zakian K, **Hricak H**. Magnetic resonance spectroscopic studies of the prostate. *Molecular Urology* 2000, 4(3):143-52.
98. **Hricak H**. Career Advancement of Men and Women in Academic Radiology: Is the Playing Field Level? *Academic Radiology*, 2000;7(7):485-486.
99. Kurhanewicz J, Vigneron DB, Males RG, Swanson MG, Yu KK, **Hricak H**. The prostate: MR imaging and spectroscopy. Present and future. *Rad Clinics of N.A.* 2000; 38(1):115-38, viii-ix.
100. Thurmond A, Mendelson E, Bohm-Velez M, Bree R, Finberg H, Fishman EK, **Hricak H**, Laing F, Sartoris D, Goldstein S. Role of imaging in abnormal vaginal bleeding. American College of Radiology. ACR Appropriateness Criteria. *Radiology* 2000; 215 Suppl:873-877.
101. Laing F, Mendelson E, Bohm-Velez M, Bree R, Finberg H, Fishman EK, **Hricak H**, Sartoris D, Thurmond A, Goldstein S. First trimester bleeding. American College of Radiology. ACR Appropriateness Criteria. *Radiology* 2000; 215 Suppl: 879-893.
102. Thurmond A, Mendelson E, Bohm-Velez M, Bree R, Finberg H, Fishman EK, **Hricak H**, Laing F, Sartoris D, Goldstein S. Role of imaging in second and third trimester bleeding. American College of Radiology. ACR Appropriateness Criteria. *Radiology* 2000; 215 Suppl: 895-897.
103. Fishman EK, Mendelson E, Bohm-Velez M, Bree R, Finberg H, **Hricak H**, Laing F, Sartoris D, Thurmond A, Goldstein S, Walsh J. Staging and follow-up of ovarian cancer. American College of Radiology. ACR Appropriateness Criteria. *Radiology* 2000; 215 Suppl: 899-902.
104. Finberg H, Mendelson E, Bohm-Velez M, Bree R, Fishman EK, **Hricak H**, Laing F, Sartoris D, Thurmond A, Goldstein S. Evaluation of multiple gestations. American College of Radiology. ACR Appropriateness Criteria. *Radiology* 2000; 215 Suppl: 903-914.
105. Finberg H, Mendelson E, Bohm-Velez M, Bree R, Fishman EK, **Hricak H**, Laing F, Sartoris D, Thurmond A, Goldstein S. Growth disturbances: risk of intrauterine growth retardation. American College of Radiology. ACR Appropriateness Criteria. *Radiology* 2000; 215 Suppl: 915-924.
106. Bohm-Velez M, Mendelson E, Bree R, Finberg H, Fishman EK, **Hricak H**, Sartoris D, Thurmond A, Goldstein S. Suspected adnexal masses. American College of Radiology. ACR Appropriateness Criteria. *Radiology* 2000; 215 Suppl: 931-938.
107. Laing F, Mendelson E, Bohm-Velez M, Bree RL, Finberg H, Fishman EK, **Hricak H**, Sartoris D, Thurmond A, Goldstein S. Premature cervical dilatation. American College of Radiology. ACR Appropriateness Criteria. *Radiology* 2000; 215 Suppl: 939-945.

108. Sartoris D, Thurmond A, Goldstein S, **Hricak, H**. Endometrial cancer of the uterus. American College of Radiology. ACR Appropriateness Criteria. Radiology 2000; Jun; 215 Suppl: 947-53.
109. Zakian KL, Koutcher JA, Ballon D, **Hricak H**, and Ling CC. Developments in Nuclear Magnetic Resonance Imaging and Spectroscopy – Application to Radiation Oncology. Seminars in Oncology 2000.
110. Coakley FV, Hricak H. Radiologic anatomy of the prostate gland. A Clinical Approach. **Hricak H**, Carroll PR (eds). The Prostate Gland: A Clinically Relevant Approach to Imaging. Radiologic Clinics of North America. Philadelphia: W.B. Saunders Company, 2000; pp 15-30.
111. Grossfeld G, Coakley FV, **Hricak H**. Benign prostate hyperplasia: Clinical Overview And Value of Diagnostic Imaging. Hricak H, Carroll PR (eds). The Prostate Gland: A Clinically Relevant Approach to Imaging. Radiologic Clinics of North America. Philadelphia: W.B. Saunders Company, 2000; pp 31-47.
112. Yu KK, **Hricak H**. Imaging prostate cancer. **Hricak H**, Carroll PR (eds). The Prostate Gland: A Clinically Relevant Approach to Imaging Radiologic Clinics of North America. Philadelphia: W.B. Saunders Company, 2000; pp 59-85.
113. Kurhanewicz J, Males R, Yu KK, Vigneron D, **Hricak H**. The prostate MR imaging and spectroscopy: present and future. Hricak H, Carroll PR (eds). The Prostate Gland: A Clinically Relevant Approach to Imaging. Radiologic Clinics of North America. Philadelphia: W.B. Saunders Company, 2000; pp 115-138.
114. Nudell D, Wefer AE, **Hricak H**, Carroll PR. Diagnostic evaluation of biochemical failure after radiation surgery. Hricak H, Carroll PR (eds). The Prostate Gland: A Clinically Relevant Approach to Imaging. Radiologic Clinics of North America. Philadelphia: W.B. Saunders Company, 2000; pp 213-229.
115. **Hricak H**, Harms S, Kinkel K. Introduction: Special Issue: Women’s MR. Journal of Magnetic Resonance Imaging 2001; 13(6): i.
116. Greven KM, Levenback C, Chao CK, Delaney T, Del Priore G, Eifel P, Erickson BA, Followill D, Gaffney D, Garcia M, Gerszten K, Grigsby P, Henderson R, **Hricak H**, Hsu J, Jhingrin A, Kaye A, Kudelka A, Lukka H, Mutch D, Nag S, Rotman M, Shefter T, Smith W, Stehman F, Souhami L, Wenzel L, Winter KA, Wolfson A. Radiation therapy oncology group. Research Plan 2002-2006. Gynecology Cancer Working Group. Int J Radiat Oncol Biol Phys 2001; 51(3 suppl 2):58-9.
117. Zakian KL, Koutcher JA, Ballon DB, **Hricak H**, and Ling CC. Developments in Nuclear Magnetic Resonance Imaging and Spectroscopy - Application to Radiation Oncology. Seminars in Oncology. Semin Radiat Oncol. 2001; Jan. 11(1):3-15.
118. **Hricak H**, Okuno W. Male pelvis studies using MRI. Magnetic Resonance Imaging and Spectroscopy in Medicine and Biology 2003.
119. Barakat R, **Hricak H**. What do We Expect from Imaging? In: Women’s Imaging: An Oncologic Focus, Hricak H, Liberman L (eds). Radiologic Clinics of North America. 2002; Vol 40(3):521-526, vii.



120. **Hricak H.** The First Open Trial of the American College of Radiology Imaging Network (ACRIN) - The Proper Imaging Approach for Invasive Cervical Cancer. Editorial. *Radiology* 2002; Dec; 225 (3):634-5.
121. Funt S, **Hricak H.** MR Imaging of Gynecologic Disease: Ovarian Malignancy. *Topics in MRI* 2002.
122. **Hricak H,** Ascher S, Dodd GD 3rd, Gamsu G, Kucharczyk W, Reiser MF. Image interpretation session. Sunday, December 1, 2002. *Radiographics.* 2002; Sep-Oct;22(5):1291-303.
123. **Hricak H,** Schöder H, Pucar D, Lis E, Eberhardt SC, Onyebuchi CN, Scher HI. Advances in Imaging in the Postoperative Patient with a Rising Prostate-Specific Antigen Level. *Semin Oncol* 2003; 30:616-634.
124. Claus FG, **Hricak H,** Hattery RR. Pretreatment evaluation of prostate cancer: role of MR imaging and 1H MR spectroscopy. *Radiographics* 2004; 24 Suppl 1:S167-80.
125. Sella T, Mironov S, **Hricak H.** Imaging of transposed ovaries in patients with cervical carcinoma. *AJR Am J Roentgenol.* 2005 May;184(5):1602-10.
126. **Hricak H.** MR imaging and MR spectroscopic imaging in the pre-treatment evaluation of prostate cancer. *Br J Radiol.* 2005 Oct;78 Spec no 2:S103-11.
127. Bradbury M.S. and **Hricak H.** MR Imaging for Oncology. *MRI Clinics of North America.* 2005 May; 13(2):225-40
128. Huzjan R, Sala E, **Hricak H.** Magnetic Resonance Imaging and Magnetic Resonance Spectroscopic Imaging of Prostate Cancer. *Nature Clinical Practice Urology.* 2005 Sep;2(9):434-42.
129. Shukla-Dave A, **Hricak H.** MR Spectroscopy of Prostate Cancer: Current Practices and Techniques, *Genitourinary Radiology,* 2006, 53-60
130. **Hricak H,** Panicek D. Preface. In: Update on Radiologic Evaluation of Common Malignancies. Hricak H, Panicek DM (eds). *Radiologic Clinics.* 2007; Jan;45 (1):xi-xii.
131. Akin O, **Hricak H.** Imaging of Prostate Cancer. In: Update on Radiologic Evaluation of Common Malignancies. Hricak H, Panicek DM (eds). *Radiologic Clinics.* 2007; Jan;45 (1):207-22.
132. **Hricak H,** Choyke PL, Eberhardt SC, Leibel SA, Scardino PT. Imaging prostate cancer: a multidisciplinary perspective. *Radiology.* 2007 Apr;243(1):28-53.
133. Becker GJ, **Hricak H.** Herbert Y. Kressel, MD, named editor of radiology. *Radiographics.* 2007 May-Jun;27(3):673-4.
134. Ehman RL, Hendee WR, Welch MJ, Dunnick NR, Bresolin LB, Arenson RL, Baum S, **Hricak H,** Thrall JH. Blueprint for Imaging in Biomedical Research. *Radiology.* 2007 Jul;244(1):12-27.

135. Eggener SE, Scardino PT, Carroll PR, Zelefsky MJ, Sartor O, **Hricak H**, Wheeler TM, Fine SW, Trachtenberg J, Rubin MA, Ohori M, Kuroiwa K, Rossignol M, Abenhaim L. International Task Force on Prostate Cancer and the Focal Lesion Paradigm. *J Comput Assist Tomogr*. 2007 Sep-Oct;31(5):717-23.
136. Spencer JS, Forstner R, **Hricak H**. Investigating women with suspected ovarian cancer. *Gynecologic Oncology*. *Gynecol Oncol*. 2008 Feb;108(2):262-4. Epub 2007 Nov 19.
137. Shukla-Dave A, **Hricak H**, Scardino PT. Imaging Low-Risk Prostate Cancer. *Curr Opin Urol*. 2008 Jan;18(1):78-86.
138. Beyersdorff D, Zhang J, Schöder H, Bochner B, **Hricak H**. Bladder cancer: can imaging change patient management? *Curr Opin Urol*. 2008 Jan;18(1):98-104.
139. Grimm J, **Hricak H**. Imaging in urology - looking forward. *Curr Opin Urol*. 2008 Jan;18(1):61-4.
140. Fuchsjäger M, Shukla-Dave A, Akin O, Barentsz J, **Hricak H**. Prostate Cancer Imaging. *Acta Radiologica*. 2008 Feb;49(1):107-20.
141. Mazaheri Y, Shukla-Dave A, Muellner A, **Hricak H**. MR imaging of the prostate in clinical practice. *MAGMA*. 2008 Nov;21(6):379-92.
142. Sartor AO, **Hricak H**, Wheeler TM, Coleman J, Penson DF, Carroll PR, Rubin MA, Scardino PT. Evaluation localized prostate cancer and identifying candidates for focal therapy. *Urology*. 2008 Dec;72(6 Suppl): S12-24
143. Marberger M, Carroll PR, Zelefsky MJ, Coleman JA, **Hricak H**, Scardino PT, Abenhaim LL. New Treatment for localized prostate cancer. *Urology*. 2008 Dec;72(6 Suppl): S36-43.
144. Zakian KL, Shukla-Dave A, Ackerstaff E, **Hricak H**, Koutcher JA. 1H magnetic resonance spectroscopy of prostate cancer: biomarkers for tumor characterization. *Cancer Biomark*. 2008;4(4-5):263-76.
145. Marberger M, Carroll PR, Zelefsky MJ, Coleman JA, **Hricak H**, Scardino PT, Abenhaim LL. New treatments for localized prostate cancer. *Urology*. 2008 Dec;72(6 Suppl):S36-43.
146. Sartor AO, **Hricak H**, Wheeler TM, Coleman J, Penson DF, Carroll PR, Rubin MA, Scardino PT. Evaluating localized prostate cancer and identifying candidates for focal therapy. *Urology*. 2008 Dec;72(6 Suppl):S12-24
147. Hudolin T., **Hricak H**. Genitourinary Cancer: The potential role of imaging. *Croatian Journal of Oncology*. Vol. XXXVI 1-3 2008.
148. Ma W, **Hricak H**, Gerst S. Imaging Appearance of Granulomatous Disease after Intravesical Bacillus Galmette-Guerin (BCG) Treatment for Bladder Carcinoma. *AJR*. 2009 Jun;192(6):1494-500.
149. Fuchsjäger M, Akin O, Shukla-Dave A, Pucar D, **Hricak H**. The role of MRI and MRSI in diagnosis, treatment selection, and post-treatment follow-up for prostate cancer. *Clin Adv Hematol*

Oncol. 2009 Mar;7(3):193-202.

150. Muellner A, Glazer GM, Reiser MF, Bradley WG Jr, Krestin GP, Hricak H, Thrall JH. Advancing radiology through informed leadership: summary of the proceedings of the Seventh Biannual Symposium of the International Society for Strategic Studies in Radiology (IS(3)R), 23-25 August 2007. *Eur Radiol.* 2009 Aug; 19(8):1827-36. DOI: 10.1007/s00330-009-1370-1. Epub 2009 Mar 11.
151. **Hricak H.** 5 Minutes with Dr. Hedvig Hricak. *Interventional Quarterly.* 2010 Mar;1:20-21.
152. **Hricak H,** Price JE. Congratulations to the 2009 RSNA Outstanding Educator: Elliot K. Fishman, MD. *Radiographics.* 2010 Jan-Feb;30(1):5-6.
153. Forman HP, Crowe JK, Messinger N, Javitt MC, Larson DB, Norbash A, Kaye A, Thrall JH, **Hricak H,** Kazerooni EA. Masters of radiology panel discussion: responding to health care reform and other market pressures. *AJR Am J Roentgenol.* 2010 Jan;194(1):173-7.
154. Brenner DJ, **Hricak H.** Radiation exposure from medical imaging: time to regulate? *Jama-Journal of the American Medical Association* 2010 Jul; 304(2):208-9.
155. Sala E, Desouza N, Lee SI, Atri M, **Hricak H.** Ovarian Cancer: The Role of Functional Imaging as an End Point in Clinical Trials. *Int J Gynecol Cancer.* 2010 Aug;20(6):971-978.**Hricak H,** Choi BI, Scott AM, Sugimura K, Muellner A, von Schulthess GK, Reiser MF, Graham MM, Dunnick NR, Larson SM. Global Trends in Hybrid Imaging. *Radiology.* 2010 Nov;257(2):498-506.
157. Vargas HA, Akin O, **Hricak H.** Residual Prostate Tissue After Radical Prostatectomy: Acceptable Surgical Complication or Treatment Failure? *Urology.* 2010 Nov;76(5):1136-7.
158. Torrisi JM, Schwartz LH, Gollub MJ, Ginsberg MS, Bosl GJ, **Hricak H.** CT findings of chemotherapy-induced toxicity: what radiologists need to know about the clinical and radiologic manifestations of chemotherapy toxicity. *Radiology.* 2011 Jan;258(1):41-56.
159. Forman HP, Norbash A, Beauchamp NJ Jr, Thrall JH, Larson DB, Kazerooni EA, **Hricak H,** Monsees B, Javitt MC, Crowe JK. Masters of radiology panel discussion: Models for health care performance in radiology--how do we measure our productivity and ourselves? *AJR Am J Roentgenol.* 2011 Jan;196(1):130-5.
160. Mazaheri Y, Shukla-Dave A, Muellner A, **Hricak H.** MRI of the prostate: clinical relevance and emerging applications. *J Magn Reson Imaging.* 2011 Feb;33(2):258-74.
161. **Hricak H.** Advancing molecular imaging: a chairman's perspective on how radiology can meet the challenge. *Pediatr Radiol.* 2011 Feb;41(2):141-3.
162. Bradley WG, Golding SG, Herold CJ, **Hricak H,** Krestin GP, Lewin JS, Miller JC, Ringertz HG, Thrall JH. Globalization of P4 Medicine: Predictive, Personalized, Preemptive, and Participatory--Summary of the Proceedings of the Eighth International Symposium of the International Society for Strategic Studies in Radiology, August 27-29, 2009. *Radiology.* 2011 Feb;258(2):571-582.

163. Sciarra A, Barentsz J, Bjartell A, Eastham J, **Hricak H**, Panebianco V, Witjes JA. Advances in Magnetic Resonance Imaging: How They Are Changing the Management of Prostate Cancer. *Eur Urol*. 2011 Jun;59(6):962-77. DOI: 10.1016/j.eururo.2011.02.034. Epub 2011 Feb 23.
164. Franiel T, Hamm B, **Hricak H**. Dynamic contrast-enhanced magnetic resonance imaging and pharmacokinetic models in prostate cancer. *Eur Radiol*. 2011 Mar;21(3):616-26.
165. **Hricak H**, Brenner DJ, Adelstein SJ, Frush DP, Hall EJ, Howell RW, McCollough CH, Mettler FA, Pearce MS, Suleiman OH, Thrall JH, Wagner LK. Managing Radiation Use in Medical Imaging: A Multifaceted Challenge. *Radiology*. 2011 Mar;258(3):889-905.
166. **Hricak H**. Oncologic imaging: a guiding hand of personalized cancer care. *Radiology*. 2011 Jun;259(3):633-40. Epub 2011 Apr 14.
167. Gourtsoyianni S, Hudolin T, Sala E, Goldman D, Bochner BH, **Hricak H**. MRI at the completion of chemoradiotherapy can accurately evaluate the extent of disease in women with advanced urethral carcinoma undergoing anterior pelvic exenteration. *Clin Radiol*. 2011 Nov;66(11):1072-8. DOI: 10.1016/j.crad.2011.07.039. Epub 2011 Aug 10.
168. Moses KA, Zhang J, **Hricak H**, Bochner BH. Bladder cancer imaging: an update. *Curr Opin Urol*. 2011 Sep;21(5):393-7. PMID: 21814052 [PubMed - in process]
169. Navallas M, Vargas HA, Akin O, Pandit-Taskar N, Fine SW, Eastham JA, **Hricak H**. Primary seminal vesicle adenocarcinoma. *Clin Imaging*. 2011 Nov-Dec;35(6):480-2.
170. Mironov O, Sala E, Mironov S, Pannu H, Chi DS, **Hricak H**. Thoracic metastasis in advanced ovarian cancer: comparison between computed tomography and video-assisted thoracic surgery. *J Gynecol Oncol*. 2011 Dec;22(4):260-8. Epub 2011 Dec 5.
171. Vargas HA, Wassberg C, Akin O, **Hricak H**. MR imaging of treated prostate cancer. *Radiology*. 2012 Jan;262(1):26-42.
172. **Hricak H**, Brody WR, Debatin JF, Grossman RI, Zerhouni EA. View from above. *Radiology*. 2012 Feb;262(2):399-401.
173. Johnson AJ, Schwartz LH, Panicek DM, **Hricak H**. All structured reporting systems are not created equal. *Radiology*. 2012 Feb;262(2):726.
174. Vargas HA, Akin O, Franiel T, Goldman DA, Udo K, Touijer KA, Reuter VE, **Hricak H**. Normal Central Zone of the Prostate and Central Zone Involvement by Prostate Cancer: Clinical and MR Imaging Implications. *Radiology*. 2012 Mar;262(3):894-902.
175. Kircher MF, **Hricak H**, Larson SM. Molecular imaging for personalized cancer care. *Mol Oncol*. 2012 Apr;6(2):182-95. DOI: 10.1016/j.molonc.2012.02.005. Epub 2012 Mar 10.
176. Afaq A, Caur V, Vargas H, Zheng J, Moskowitz C, **Hricak H**, Akin O. The Use of MRI in Predicting Biochemical Recurrence in Patients with Prostate Cancer and Positive Surgical Margins *AMERICAN Journal of Roentgenology*. 2012 May:198(5).

177. Lakhman Y, Akin O, Park K, Zheng J, Sohn M, Moskowitz C, Sarasohn, D, Sonoda Y, **Hricak H**, Abu-Rustum N. Role of preoperative MRI in improving the selection of patients with early-stage cervical cancer for fertility-sparing surgery. *Gynecologic Oncology* 2012 Mar;125(1): S26-S27. DOI:10.1016/j.ygyno.2011.12.060.
178. Krestin GP, Grenier PA, **Hricak H**, Jackson VP, Khong PL, Miller JC, Muellner A, Schwaiger M, Thrall JH. Integrated diagnostics: proceedings from the 9th biennial symposium of the International Society for Strategic Studies in Radiology. *Eur Radiol.* 2012 Nov;22(11):2283-94.DOI: 10.1007/s00330-012-2510-6. Epub 2012 Jun 15.
179. **Hricak H**. Foreword for *Gynecologic Imaging across the Life Span*. Radiographics: a review publication of the Radiological Society of North America, Inc. 2012 Oct;32(6):1571. DOI: 10.1148/rg.326125522.
180. Krestin G.P., Grenier P.A., **Hricak H.**; et al. Integrated diagnostics: proceedings from the 9th biennial symposium of the International Society for Strategic Studies in Radiology. *European Radiology*, 2012 Nov: 22 (11): 2283-2294 DOI: 10.1007/s00330-012-2510-6.
181. Akin, O ; Brennan, SB ; Dershaw, DD ; Ginsberg, MS ; Gollub, MJ ; Schoder, H ; Panicek, DM ; **Hricak, H**. Advances in Oncologic Imaging Update on 5 Common Cancers. *CA-A Cancer Journal for Clinicians* 2012 Nov-Dec: 62 (6): 364-393 DOI: 10.3322/caac.21156.
182. **Hricak, Hedvig**; Herold, Christian J; Krestin, Gabriel P, A Statement about Authorship from Individual Members of the International Society for Strategic Studies in Radiology. *Radiology* 2013 Jan: 266 (1): 14-5 DOI: 10.1148/radiol.12124052.
183. Bryan, R. Nick; Cerri, Giovanni; Choi, Byung Ihn, **Hricak, H**; et al. A statement about authorship from individual members of the International Society for Strategic Studies in Radiology (IS3R). *European Radiology* 2013 Jan: 23 (1): 1-2 DOI: 10.1007/s00330-012-2713-x.
184. Shukla-Dave A, **Hricak H**. Role of MRI in prostate cancer detection. *NMR Biomed.* 2013 Mar 13. DOI: 10.1002/nbm.2934.
185. Vargas HA, **Hricak H**. Magnetic Resonance Imaging-Targeted Prostate Biopsies: Now Is the Time to START. *Eur Urol.* 2013 Jun 19. pii: S0302-2838(13)00616-7. DOI: 10.1016/j.eururo.2013.06.018. PMID: 23810194
186. Moore CM, Kasivisvanathan V; START consortium. Reply from Authors re: Hebert Alberto Vargas, **Hedvig Hricak**. Magnetic Resonance Imaging-Targeted Prostate Biopsies: Now Is the Time to START. *Eur Urol* 2013;64:553-4: START: The Beginning of a Multidisciplinary Effort to Define the Role of MRI-targeted Biopsy in the Detection of Clinically Significant Prostate Cancer. *Eur Urol.* 2013 Oct;64(4):555-6. DOI: 10.1016/j.eururo.2013.07.002. Epub 2013 Jul 9. PMID: 23856040
187. Miccò M, Sala E, Lakhman Y, **Hricak H**, Vargas HA. Role of imaging in the pretreatment evaluation of common gynecological cancers. *Womens Health (Lond Engl)*. 2014 May; 10 (3):299-321. DOI: 10.2217/whe.14.19. PMID: 24956296
188. Bailey DL, Antoch G, Bartenstein P, Barthel H, Beer AJ, Bisdas S, Bluemke DA, Boellaard R, Claussen CD, Franzius C, Hacker M, **Hricak H**, la Fougère C, Gückel B, Nekolla SG, Pichler BJ, Purz S, Quick HH, Sabri O, Sattler B, Schäfer J, Schmidt H, van den Hoff J, Voss S, Weber W,

- Wehrl HF, Beyer T. Combined PET/MR: The Real Work Has Just Started. Summary Report of the Third International Workshop on PET/MR Imaging; February 17-21, 2014, Tübingen, Germany. *Mol Imaging Biol.* 2015 Jun;17(3):297-312. DOI: 10.1007/s11307-014-0818-0. PMID: 25672749
189. Vargas HA, Grimm J, F Donati O, Sala E, **Hricak H.** Molecular imaging of prostate cancer: translating molecular biology approaches into the clinical realm. *Eur Radiol.* 2015 May;25(5):1294-302. DOI: 10.1007/s00330-014-3539-5. Epub 2015 Feb 20. PMID: 25693661
190. **Hedvig Hricak, Hans G.** Ringertz, James H. Thrall, Adrian K. Dixon, Ronald L. Arenson, William G. Bradley, Ada Muellner, Gabriel P. Krestin. When Vision Prevails: A History of the International Society for Strategic Studies in Radiology. *J Am Coll Radiol.* 2015 Jun 24. pii: S1546-1440(15)00518-9. DOI: 10.1016/j.jacr.2015.06.007. PMID: 26116068
191. Gillies RJ, Kinahan PE, **Hricak H.** Radiomics: Images Are More than Pictures, They Are Data. *Radiology.* 2016 Feb;278(2):563-77. DOI: 10.1148/radiol.2015151169. Epub 2015 Nov 18. PMID: 26579733
192. Herold CJ, Lewin JS, Wibmer AG, Thrall JH, Krestin GP, Dixon AK, Schoenberg SO, Geckle RJ, Muellner A, **Hricak H.** Imaging in the Age of Precision Medicine: Summary of the Proceedings of the 10th Biannual Symposium of the International Society for Strategic Studies in Radiology. *Radiology.* 2015 Oct 13:150709. PMID:26465058
193. Micco, M; Sala, E ; Lakhman, Y; **Hricak H,** Vargas, HA. Imaging Features of Uncommon Gynecologic Cancers. *American Journal of Roentgenology.* 2015 Dec; 205(6):1346-1359. DOI:10.2214/AJR.14.12695. PMID: 26587944
194. Wibmer, Andreas, Burger, Irene, Sala, Evis, **Hricak, H.** et al. Molecular Imaging of Prostate Cancer. *Radiographics.* 2016, Jan-Feb; 36(1):142-161. DOI: 10.1148/rg.2016150059. PMID: 26587888
195. Wibmer, A; Sala, E; **Hricak, H;** Vargas, HA. The expanding landscape of diffusion-weighted MRI in prostate cancer. 2016 May; 41(5) 854-861. DOI: 10.1007/s00261-016-0646-6. PMID: 26814501
196. Panicek, D; **Hricak, H.** How Sure Are You, Doctor? A Standardized Lexicon to Describe the Radiologist's Level of Certainty. 2016 July; 207(1) 2-3. DOI: 10.2214/AJR.15.15895. PMID: 27065212
197. Weissleder, Ralph; Schwaiger, Markus C.; Gambhir, Sanjiv Sam; **Hricak, H.;** et al. Imaging approaches to optimize molecular therapies. *Science Translational Medicine.* 2016, Sept; 355(8):16. DOI: 10.1126/scitranslmed.aaf3936. PMID: 27605550
198. Michaud, L.; Sandler, I.; Beatty, B.; **Hricak, H.;** et al. Radiolabeled Gastrin-Releasing-Peptide receptor antagonist (68Ga-RM2) PET/CT in newly-diagnosed prostate cancer (PCa), compared and combined with multiparametric prostate MRI. *European Journal of Nuclear Medicine and Molecular Imaging.* 2016, Oct. 43(1); S50-S51.
199. **Hricak, Hedvig;** Dauer, Lawrence T. Radiation Brain Drain? The Impact of Demographic Change on Us Radiation Protection. *Health Physics.* 2017, Feb. 112(2); 126-130. DOI: 10.1097/HP.0000000000000602

200. Pinker, Katja; Shitano, Fuki; Sala, Evis; **Hricak, H.**; et al. Background, current role, and potential applications of radiogenomics. *Journal of magnetic resonance imaging*. 2017, November. DOI: 10.1002/jmri.25870. PMID: 29095543
201. Mazaheri Y, Akin O, **Hricak H.** Dynamic contrast-enhanced magnetic resonance imaging of prostate cancer: A review of current methods and applications. *World journal of radiology*. 2017;9(12):416-25.
202. Pinker, K., F. Shitano, E. Sala, R. K. Do, R. J. Young, A. G. Wibmer, **H. Hricak**, E. J. Sutton and E. A. Morris (2018). Background, current role, and potential applications of radiogenomics. *J Magn Reson Imaging* 47(3): 604-620.
203. **Hricak H.** 2016 New Horizons Lecture: Beyond Imaging-Radiology of Tomorrow. *Radiology*. 2018;286(3):764-75.
204. Wibmer AG, Vargas HA, **Hricak H.** Prostate cancer in 2017: Advances in imaging. *Nature reviews Urology*. 2018;15(2):81-2.
205. Mazaheri Y, Hotker AM, Shukla-Dave A, Akin O, **Hricak H.** Effect of intravascular contrast agent on diffusion and perfusion fraction coefficients in the peripheral zone and prostate cancer. *Magnetic resonance imaging*. 2018;51:120-7.
206. Meier A, Veeraraghavan H, Nougaret S, Lakhman Y, Sosa R, Soslow RA, **Hricak, H.** Association between CT-texture-derived tumor heterogeneity, outcomes, and BRCA mutation status in patients with high-grade serous ovarian cancer. *Abdominal radiology (New York)*. 2018.
207. Nass SJ, Rothenberg ML, Pentz R, **Hricak H**, Abernethy A, Anderson K, et al. Accelerating anticancer drug development - opportunities and trade-offs. *Nature reviews Clinical oncology*. 2018;15(12):777-86.
208. Nougaret S, Lakhman Y, Molinari N, Feier D, Scelzo C, Vargas HA, **Hricak, H.** CT Features of Ovarian Tumors: Defining Key Differences Between Serous Borderline Tumors and Low-Grade Serous Carcinomas. *AJR Am J Roentgenol*. 2018;210(4):918-26.
209. Schlemmer HP, Bittencourt LK, D'Anastasi M, Domingues R, Khong PL, Lockhat Z, **Hricak, H.** Global Challenges for Cancer Imaging. *Journal of global oncology*. 2018;4:1-10.
210. Wibmer AG, **Hricak H**, Ulaner GA, Weber W. Trends in oncologic hybrid imaging. *European journal of hybrid imaging*. 2018;2(1):1.
211. Hotker AM, Dappa E, Mazaheri Y, Ehdaie B, Zheng J, Capanu M, **Hricak, H.** The Influence of Background Signal Intensity Changes on Cancer Detection in Prostate MRI. *AJR Am J Roentgenol*. 2019;212(4):823-9.
212. Hotker AM, Meier A, Mazaheri Y, Zheng J, Capanu M, Chaim J, **Hricak, H.** Temporal changes in MRI appearance of the prostate after focal ablation. *Abdominal radiology (New York)*. 2019;44(1):272-8.

213. **Hricak H**, Seltzer SE. News From the Academy. *Acad Radiol.* 2019;26(4):578.
214. Mazaheri Y, Shukla-Dave A, Goldman DA, Moskowitz CS, Takeda T, Reuter VE, **Hricak, H**. Characterization of prostate cancer with MR spectroscopic imaging and diffusion-weighted imaging at 3Tesla. *Magnetic resonance imaging.* 2019;55:93-102.
215. Panicek DM, **Hricak H**. Recommendations for the Initial Cancer Staging MRI Report. *Journal of magnetic resonance imaging : JMRI.* 2019;49(5):1209-11.
216. **Hricak H**, Seltzer SE. News From the Academy. *Acad Radiol.* 2019 Apr;26(4):578. doi: 10.1016/j.acra.2018.11.012. Epub 2018 Dec 6. No abstract available. PMID: 30528752
217. Panicek DM, **Hricak H**. Recommendations for the Initial Cancer Staging MRI Report. *J Magn Reson Imaging.* 2019 May;49(5):1209-1211. doi: 10.1002/jmri.26528. Epub 2019 Jan 4. PMID: 30609211
218. Nass SJ, Cohen MB, Nayar R, Zutter MM, Balogh EP, Schilsky RL, **Hricak H**, Elenitoba-Johnson. Improving Cancer Diagnosis and Care: Patient Access to High-Quality Oncologic Pathology. *KSJ. Oncologist.* 2019 Jul 31. pii: theoncologist.2019-0261. doi: 10.1634/theoncologist.2019-0261.
219. Nass SJ, Cogle CR, Brink JA, Langlotz CP, Balogh EP, Muellner A, Siegal D, Schilsky RL, **Hricak H**. Improving Cancer Diagnosis and Care: Patient Access to Oncologic Imaging Expertise. *J Clin Oncol.* 2019 Jul 10;37(20):1690-1694. doi: 10.1200/JCO.18.01970. Epub 2019 May 3.
220. **Hedvig Hricak** and Johannes Czernin. Hricak H, Czernin J. A Conversation Between *J Nucl Med.* 2019 Aug;60(8):1038-1041. doi: 10.2967/jnumed.119.232405.
221. Özvarış ŞB, **Hricak H**. Safe spaces for women in challenging environments. *Lancet Glob Health.* 2019 Aug;7(8): e1004-e1005. doi: 10.1016/S2214-109X(19)30263-3.
222. Closing the gender gap in academic radiology: reasons for hope? **Hricak H**, Kubik-Huch RA, Menu Y. *Eur Radiol.* 2019 Dec 3. doi: 10.1007/s00330-019-06456-6. PMID: 31797076
223. Women in radiology: gender diversity is not a metric-it is a tool for excellence. Kubik-Huch RA, Vilgrain V, Krestin GP, Reiser MF, Attenberger UI, Muellner AU, Hess CP, **Hricak H**. *Eur Radiol.* 2019 Dec 4. doi: 10.1007/s00330-019-06493-1. PMID: 31802213
224. Diagnostic Performance of Vesical Imaging Reporting and Data System for the Prediction of Muscle-invasive Bladder Cancer: A Systematic Review and Meta-analysis. Woo S, Panebianco V, Narumi Y, Del Giudice F, Muglia VF, Takeuchi M, Ghafoor S, Bochner BH, Goh AC, **Hricak H**, Catto JWF, Vargas HA. *Eur Urol Oncol.* 2020 Jun;3(3):306-315. doi: 10.1016/j.euo.2020.02.007. Epub 2020 Mar 19. PMID: 32199915
225. Radiotheranostics: a roadmap for future development. Herrmann K, Schwaiger M, Lewis JS, Solomon SB, McNeil BJ, Baumann M, Gambhir SS, **Hricak H**, Weissleder R. *Lancet Oncol.* 2020 Mar;21(3):e146-e156. doi: 10.1016/S1470-2045(19)30821-6. PMID: 32135118
226. Women in focus: advice from the front lines on how to enable well-being and build resilience.



Morris E, Kubik-Huch RA, Abdel-Wahab M, Balogun E, Beardmore C, Beets-Tan R, Boyd-Thorpe A, Derchi L, Fuchsjäger M, Husband J, Jackson V, Salama DH, Vilgrain V, **Hricak H**. *Insights Imaging*. 2020 Mar 30;11(1):55. doi: 10.1186/s13244-020-00858-7.PMID: 32232670

227. Clinical Application of Computational Methods in Precision Oncology: A Review. Panagiotou OA, Högg LH, **Hricak H**, Khleif SN, Levy MA, Magnus D, Murphy MJ, Patel B, Winn RA, Nass SJ, Gatsonis C, Cogle CR.*JAMA Oncol*. 2020 Aug 1;6(8):1282-1286. doi: 10.1001/jamaoncol.2020.1247.PMID: 32407443

### III. Books

#### *Editor or Co-Editor*

1. **Hricak H** (ed). *Clinics in Ultrasound (Genitourinary System)*. New York: Churchill Livingstone, Inc., 1986.
2. Higgins CB, **Hricak H** (eds). *Magnetic Resonance Imaging of the Body*. New York: Raven Press, 1987.
3. **Hricak H**, Carrington BM. *MRI Atlas of the Pelvis*. London: Martin Dunitz Publishers, 1991.
4. Higgins CB, **Hricak H**, Helms CC (eds). *Magnetic Resonance Imaging of the Body*. Second Edition. New York: Raven Press, 1991.
5. Campos Z, Narumi Y, **Hricak H**. *MRI of the Pelvis: A Pocket Atlas*. New York: Raven Press, 1992.
6. **Hricak H**, Hamm B, Kim B. *Imaging of the Scrotum*. New York: Raven Press, 1994.
7. Higgins CB, **Hricak H**, Helms CC (eds). *Magnetic Resonance Imaging of the Body*. Third Edition. Philadelphia: Lippincott-Raven, 1996.
8. Pettersson H (ed), Allison D (assistant ed). *The Encyclopedia of Medical Imaging*. Vol. IV, Urogenital Imaging, **Hricak H** (vol ed), Coakley F (associate vol ed). 1999.
9. **Hricak H**, Carroll PR (eds). *The Radiologic Clinics of North America*. The Prostate Gland: A Clinically Relevant Approach to Imaging. Philadelphia: W.B. Saunders Company, January 2000: Volume 38, #1.

10. Campos Z, Narumi Y, **Hricak H**. Pocket Atlas of MRI of the Pelvis (2nd edition). Philadelphia: Lippincott Williams & Wilkins Inc., 2001.
11. Bragg D, Rubin P, **Hricak H** (eds): Oncologic Imaging. 2nd Edition. Philadelphia: W.B. Saunders Company, 2002.
12. **Hricak H**, Liberman L (eds). The Radiologic Clinics of North America. Philadelphia: W.B. Saunders Company, 2002: Volume 40, Num.3.
13. **Hricak H**, Reinhold C, Ascher S (eds.) Pocket Radiologist. Gynecology, Top 100 Diagnoses. Utah: Amirsys, 2003.
14. **Hricak H**, Panicek D (eds.) Radiologic Clinics: Update on Radiologic Evaluation of Common Malignancies. W.B. Saunders Company, 2007. Volume 45, Num 1.
15. **Hricak H**, Husband J, Panicek D (eds.) Oncologic Imaging: Essentials of Reporting Common Cancers. Elsevier Saunders, 2007
16. Reiser M, Semmler W, **Hricak H**. Magnetic Resonance Tomography. Springer, 2007.
17. **Hricak H** (ed), Akin O, Sala E, Ascher S, Levine D, Reinhold C. Diagnostic Imaging: Gynecology. Utah: Amirsys. 2008
18. **Hricak H**, Scardino P (eds.) Prostate Cancer. Cambridge University Press, 2009

#### **IV. Monographs Editor and Co-editor**

1. **Hricak H**, Rifkin MD (eds). Seminars in Ultrasound, CT and MR. Philadelphia: Grune & Stratton, 1988: Volume 9, Number 5.
2. **Hricak H**. Advances in Urologic Imaging, Part II: Imaging of the urinary bladder and prostate gland. In: Stamey T (ed), Monographs in Urology. 1990: Volume II, #5, pp. 70-87.
3. **Hricak H**. Advances in Urologic Imaging, Part III: Renal imaging. Stamey T (ed), Monographs in Urology. 1990: Volume II, #6, pp. 89-119.
4. **Hricak H**. Magnetic resonance imaging. (In) Jacobson HR, Striker GE, Klahr S (eds). The Principles and Practice of Nephrology. Philadelphia: B. C. Decker Inc., 1991: Section 3, Chapter 33, pp. 210-217.

5. **Hricak H** (ed). Imaging the male and female pelvis using Gd-DTPA. Magnevist Monograph. Berlin: Blackwell Wissenschafts-Verlag GmbH, 1993.
6. Felix R, Heshiki A, Hosten N, **Hricak H** (eds). MR Imaging of the Body Magnevist Monograph. Berlin: Blackwell Wissenschafts-Verlag GmbH, 1994.
7. **Hricak H** (ed). Imaging in Gynecology, Feature Section, Abdominal Imaging. 1996.
8. **Hricak H**, Harms S, Kinkel K (eds). Special Edition: Women's Imaging, Journal of Magnetic Resonance Imaging June 2001: Volume 13, #6.
9. Debatin JF, **Hricak H**, Niendorf HP. MRI. From Current Knowledge to New Horizons. Amsterdam: Excerpta Medica International, 2003.

#### **V. Monographs and Book Chapters:**

1. **Hricak H**. Current concepts in uroradiology. (In) Kurjak A (ed) Progress in Medical Ultrasound 3. Amsterdam: Excerpta Medica, 1981: 327-348.
2. **Hricak H**, Moon KL. Adrenal glands and kidneys. (In) Margulis AR, Higgins CB, Kaufman L, Crooks LE (eds). Clinical Magnetic Resonance Imaging. , San Francisco: Radiology Research and Education Foundation, 1983: 209-228.
3. **Hricak H**, Moon KL. Kidneys and adrenal glands as imaged by nuclear magnetic resonance. (In) Moss AA (ed) NMR, Interventional Radiology and Diagnostic Imaging Modalities. San Francisco: Radiology Research and Education Foundation, 1983: 21-26.
4. **Hricak H**. Pelvis. (In) Margulis AR, Higgins CB, Kaufman L, Crooks LE (eds). Clinical Magnetic Resonance Imaging. San Francisco: Radiology Research and Education Foundation, 1983: 229-250.
5. Gross B, **Hricak H**, Filly RA. Ultrasound of patients with acute renal failure. (In) Resnick MI, Sanders RC (eds). Ultrasound in Urology. Baltimore: Williams & Wilkins, 1984: 45-60.
6. Chinn D, **Hricak H**. Renal transplantation. (In) Resnick M and Sanders R (eds). Ultrasound in Urology. Baltimore: Williams & Wilkins, 1984: 72-98.
7. **Hricak H**. Genitourinary system (kidneys, adrenal glands and pelvis). (In) Margulis AR, James T (eds) Biomedical Imaging. San Francisco: Radiology Research and Education Foundation, 1984: 381-396.
8. Williams RD, **Hricak H**. NMR imaging in urologic oncology. (In) Catolona WJ, Ratliff TL, Genitourinary Oncology. Massachusetts: Martinus Nijhoff, 1984: Volume 7, Chapter 30, 317-354.

9. **Hricak H.** Magnetic resonance imaging of the kidneys and adrenal glands. (In) Moss AA, Ring EA, Higgins CB (eds) NMR, CT, and Interventional Radiology. San Francisco: Radiology Research and Education Foundation, 1984: 185-191.
10. **Hricak H.** Magnetic resonance imaging of the pelvis. (In) Moss AA, Ring EA, Higgins CB (ed) NMR, CT, and Interventional Radiology. San Francisco: Radiology Research and Education Foundation, 1984: 281-285.
11. Demas BE, **Hricak H.** Magnetic resonance imaging of kidneys and retroperitoneum. (In) Goldberg HI, Higgins CB, Ring EG (eds) Contemporary Imaging. San Francisco: Radiology and Education Foundation, 1984:61-68.
12. **Hricak H,** Fisher MR. Magnetic resonance imaging of the genitourinary tract. Postgraduate Radiology 1985: Vol 6:173-190.
13. **Hricak H.** Current outlook on the use of magnetic resonance imaging and ultrasound in the evaluation of the male and female pelvis. (In) Ranier Ch. Otto and C.B. Higgins (eds). New Developments in Imaging. New York: Thieme Medical Publishers, Inc., 1986.
14. **Hricak H.** Renal ultrasound. (In) Sarti D (ed). Diagnostic Ultrasound (2nd edition). Chicago: Yearbook Medical Publishers, 1986:350-365.
15. Demas B, Thurnher S, **Hricak H.** The kidney, adrenal gland, and retroperitoneum. (In) Higgins CB, Hricak H (eds). Magnetic Resonance Imaging of the Body. New York: Raven Press, 1987: 373, Chapter 18.
16. Thoeni R, **Hricak H,** Thurnher S. Normal anatomy: the abdomen. (In) Higgins CB, Hricak H (eds). Magnetic Resonance Imaging of the Body. New York, Raven Press: 1987: Chapter 6.
17. **Hricak H,** Thoeni RF, Thurnher S. Normal anatomy: The pelvis. (In) Higgins CB, Hricak H (eds). Magnetic Resonance Imaging of the Body. New York: Raven Press, 1987: 97, Chapter (7).
18. **Hricak H.** The female pelvis. (In) Higgins CB, Hricak H (eds). Magnetic Resonance Imaging of the Body. New York: Raven Press, 1987: 403, Chapter 19.
19. **Hricak H,** Thurnher S. The male pelvis. (In) Higgins CB, Hricak H (eds). Magnetic Resonance Imaging of the Body. New York: Raven Press, 1987:433, Chapter 20.
20. **Hricak H.** Obstetrics. (In) Higgins CB, Hricak H (eds). Magnetic Resonance Imaging of the Body. New York: Raven Press, 1987: 525, Chapter 24.

21. **Hricak H.** Staging of prostate cancer by magnetic resonance imaging. *Research Reviews in Medicine*. ISI Atlas, 1988.
22. **Hricak H.** Noninvasive imaging for staging of prostate cancer: Magnetic Resonance Imaging, CT, and Ultrasound. *NCI Monogr* 1988; 7:31-35.
23. Rossi P, **Hricak H**, Margulis AR, Pavone EP. Tomografia a risonanza magnetica nucleare. (In) *DELL' ENCICLOPEDIA MEDICA ITALIANA*. Estratto dal volume XIV, 1988.
24. Margulis AR, **Hricak H.** The clinical potential of magnetic resonance imaging. (In) Partain CL (ed). *Magnetic Resonance (MR) Imaging* (2nd edition). Philadelphia: W.B. Saunders, Co., 1988.
25. **Hricak H**, Carroll P. Radiologic imaging in monitoring patients following therapy for prostate carcinoma. (In) Resnick M, Watanabe H, Karr JP (eds). *Diagnostic Ultrasound of the Prostate*. New York: Elsevier, 1989: 171-174.
26. Fisher MR, **Hricak H**, Saks BJ. Clinical imaging of the prostate and urinary bladder. (In) Partain CL (ed). *Magnetic Resonance (MR) Imaging* (2nd edition). Philadelphia: W.B. Saunders, 1989.
27. **Hricak H**, Demas BE. Retroperitoneal space: Computed tomography and magnetic resonance imaging. (In) Margulis AR, Burhenne HJ (eds). *Alimentary Tract Radiology* (4th edition). Baltimore: C.V. Mosby, 1989.
28. Lue TF, **Hricak H.** Ultrasound of the penis. (In) Resnick MI, Rifkin MD (eds). *Ultrasound of the Urinary System*. Third edition. Williams & Wilkins, 1989.
29. **Hricak H**, Carroll PR. Magnetic resonance imaging. (In) Chisholm GD, Fair WR (eds). *Scientific Foundations of Urology*. 3rd edition. Chicago: Year Book Medical Publishers, Inc., 1990: 29-39.
30. **Hricak H**, Thoeni RF. Neoplasms of the prostate gland. (In) Pollack HM (ed). *Clinical Urography*. Philadelphia: W.B. Saunders, Co., 1990:1381-1403, Volume 3.
31. **Hricak H**, Hamm B, Wolf K-J. Use of Gd-DTPA in MRI of the female pelvis. (In) Bydder G, Felix R, Bucheler E, Drayer BP, Niendorf HP, Takahashi M, Wolf K-J (eds). *Contrast Media in MRI*. Berlin: Medicom, 1990:351-356.
32. **Hricak H.** Radiologic assessment of the kidney. (In) Rector F, Brenner BM (eds). *The Kidney* (4th edition), Volume 1. Philadelphia: W.B. Saunders, Co., 1990: 969-992.
33. Tomei E, **Hricak H.** Can intravenous urography be replaced by sonography? *International Yearbook of Nephrology*, 1990.

34. **Hricak H.** Advances in Urologic Imaging, Part I: Technical considerations and imaging of the testis. Stamey T (ed), Monographs in Urology. Volume II, #4, 1990: 49-68.
35. **Hricak H.** The role of imaging in the evaluation of pelvic cancer. (In) DeVita VT Jr., Hellman S, Rosenberg SA (eds). Important Advances in Oncology. Philadelphia: J.B. Lippincott. 1991: Part 2, Chapter 7, 103-134.
36. **Hricak H, Gorczyca DP.** Anatomy of the pelvis: CT-MRI. (In) Dalla Palma L (ed). Radiourologia. Trieste: Lint, 1991: 225-234.
37. **Hricak H, Gorczyca DP.** Gynecologic Tumors-Value of MRI and CT. (In) Dalla Palma L (ed). Radiourologia. Trieste: Lint, 1991: 331-347.
38. **Hricak H.** Radiologic evaluation of the urinary bladder and prostate. (In) Allison DJ, Grainger RG (eds). Diagnostic Radiology (2nd edition). London: Churchill Livingstone, 1991.
39. **Hricak H, Tanagho EA.** Radiology of the urinary tract. (In) Tanagho EA, McAninch JW (eds). Smith's General Urology (13th edition). San Mateo: Appleton & Lange, 1991.
40. **Hricak H.** Physical principles of MRI. (In) Burghardt E, Kindermann G, Monaghan JM, Webb MJ (eds). Surgical Gynecologic Oncology. New York: Georg Thieme Verlag, 1991.
41. **Hricak H.** Normal MRI appearance of the uterus and vagina. (In) Burghardt E, Kindermann G, Monaghan JM, Webb MJ (eds). Surgical Gynecologic Oncology. New York, Georg Thieme Verlag, 1991.
42. **Hricak H.** Endometrial carcinoma. (In) Burghardt E, Kindermann G, Monaghan JM, Webb MJ (eds). Surgical Gynecologic Oncology. New York: Gerge Thieme Verlag, 1991.
43. Gorczyca D, **Hricak H.** Abdomen. (In) Higgins CB, **Hricak H**, Helms C (eds). MRI of the Body, 2nd edition. New York: Raven Press, 1991: 49-76.
44. **Hricak H**, Thurnher S. Pelvis. (In) Higgins CB, **Hricak H**, Helms C (eds). MRI of the Body, 2nd edition, New York: Raven Press, 1991:77-104.
45. Demas BE, **Hricak H.** Kidneys. (In) Higgins CB, **Hricak H**, Helms C (eds). MRI of the Body, 2nd edition, New York: Raven Press, 1991: 785-816.
46. **Hricak H**, Popovich MJ. Female pelvis: Uterus and vagina. (In) Higgins CB, **Hricak H**, Helms C (eds). MRI of the Body, 2nd edition. New York: Raven Press, 1991:817-864.

47. Popovich MJ, **Hricak H**. Prostate and seminal vesicles. (In) Higgins CB, **Hricak H**, Helms C (eds). MRI of the Body, 2nd edition. New York: Raven Press, 1991: 911-938.
48. Popovich MJ, Campos Z, **Hricak H**. Obstetrics. (In) Higgins CB, **Hricak H**, Helms C (eds). MRI of the Body, 2nd edition. New York: Raven Press, 1991: 891-910.
49. Popovich MJ, **Hricak H**. Penis/male urethra and scrotum. (In) Higgins CB, **Hricak H**, Helms C (eds). MRI of the Body, 2nd edition. New York: Raven Press, 1991: 939-960.
50. Demas BE, **Hricak H**. Urinary bladder and female urethra. (In) Higgins CB, **Hricak H**, Helms C (eds). MRI of the Body, 2nd edition. New York: Raven Press, 1991: 961-980.
51. Demas BE, **Hricak H**, Wall S. Rectum and anal canal. (In) Higgins CB, **Hricak H**, Helms C (eds). MRI of the Body, 2nd edition. New York: Raven Press, 1991: 981-996.
52. Carrington BM, Bis KG, **Hricak H**. Postsurgical and postradiation changes in the pelvis. (In) Higgins CB, **Hricak H**, Helms C (eds). MRI of the Body, 2nd edition. New York: Raven Press, 1991: 997-1022.
53. **Hricak H**, Stevens SK. Contrast media: Pelvis. (In) Higgins CB, **Hricak H**, Helms C (eds). MRI of the Body, 2nd edition. New York: Raven Press, 1991: 1327-1356.
54. Lue T, **Hricak H**. Ultrasound of the penis. (In) Resnick MI, Rifkin MD (eds). Ultrasound of the Urinary System. Baltimore: Williams and Wilkins, 1991:336-348.
55. **Hricak H**. (In) Schrier RW, Gottschalk CW (eds). Diseases of the Kidney, 5th edition. Boston: Little, Brown and Company, 1992.
56. **Hricak H**. Magnetic resonance imaging in gynecologic oncology: role in pre- and postradiation treatment. (In) Breit A (ed). Advanced Radiation Therapy: Tumor Response Monitoring and Treatment Planning New York: Springer-Verlag, 1992: 261.
57. **Hricak H**. Retroperitoneal space: computed tomography and magnetic resonance imaging. (In) Margulis AR, Burhenne HJ (eds). Alimentary Tract Radiology, 5th edition. Baltimore: C.V. Mosby.
58. **Hricak H**. Uterus-anatomy, MRI. Lüning M, Felix R (eds). Complex Diagnostic Imaging, Volume 2: PELVIS. Berlin: Bereich Medizin (Charite) Der Humboldt-Universität Zu Berlin, 1993.
59. **Hricak H**. Tumors of the uterus. Lüning M, Felix R (eds). Complex Diagnostic Imaging, Volume 2: PELVIS. Berlin: Bereich Medizin (Charite) Der Humboldt-Universität Zu Berlin, 1993.

60. **Hricak H.** Post-treatment pelvis. Lüning M, Felix R (eds). Complex Diagnostic Imaging, Volume 2: PELVIS. Berlin: Bereich Medizin (Charite) Der Humboldt-Universität Zu Berlin, 1993.
61. **Hricak H.** Uterine malformations. Lüning M, Felix R (eds). Complex Diagnostic Imaging, Volume 2: PELVIS. Berlin: Bereich Medizin (Charite) Der Humboldt-Universität Zu Berlin, 1993.
62. **Hricak H.** Inflammatory disease. Lüning M, Felix R (eds). Complex Diagnostic Imaging, Volume 2: PELVIS. Berlin: Bereich Medizin (Charite) Der Humboldt-Universität Zu Berlin, 1993.
63. **Hricak H.** Computed tomography and magnetic resonance imaging. Schrier RW (ed). Diseases of the Kidney. New York: Little, Brown and Company, 1993.
64. Kang YS, Popovich MJ, **Hricak H.** Magnetic resonance imaging of the testis. Auffermann W, Higgins CB (eds). Endocrine Imaging Textbook and Atlas. Stuttgart: Georg Thieme Verlag, 1994.
65. Popovich MJ, **Hricak H.** The role of MRI in the evaluation of gynecologic disease. Callen PW (ed). Ultrasonography in Obstetrics and Gynecology, (3rd edition). Philadelphia: W.B. Saunders, 1993.
66. **Hricak H.** MR Imaging of the female pelvis. Thrall JH (ed). Current Practice in Radiology (1st edition). Baltimore: C.V. Mosby, 1993.
67. **Hricak H,** White S. Radiologic Assessment of the Kidney. (In) Brenner B, Rector F (eds.). The Kidney (5th edition). Massachusetts: W.B. Saunders Company, 1993.
68. Kang YS, Popovich MJ, **Hricak H.** MR Imaging. (In) Higgins CB, Auffermann W (eds). Endocrine Imaging: Textbook and Atlas. Stuttgart: Georg Thieme Verlag, 1994: 267.
69. Potzschke B, **Hricak H,** Abet L, Degenhardt F, Baum RP. Uterus. (In) Lüning HVM, Felix R (eds). Komplexe Bildgebende Diagnostik- Becken. Stuttgart: Georg Thieme Verlag, 1994:34.
70. **Hricak H,** Occhipinti K. Magnetic resonance imaging. Principles and Practices of Nephrology (2nd edition). St. Louis: Mosby-Year Book, 1994.
71. **Hricak H,** White S. Radiology of the urinary tract. (In) Smith's General Urology (14th edition). Norwalk: Appleton & Lange, 1994.
72. White S, **Hricak H.** Radiological evaluation of the urinary bladder and prostate. (In) Grainger RG, Allison DJ (eds). Diagnostic Radiology (3rd edition). London: Churchill Livingstone, 1995.
73. **Hricak H.** MRI of the male pelvis. (In) Grant DM, Harris RK (eds), Young IR (section ed). Encyclopedia of Nuclear Magnetic Resonance. Sussex: John Wiley & Sons, Ltd., 1995.



74. **Hricak H**, Narayan P. Imaging in prostate cancer. Vogelzang NJ, Shipley WU, Scardino PT, Coffey DS (eds). *Comprehensive Textbook of Genitourinary Oncology*. Baltimore: Williams & Wilkins, 1995.
75. Kalbhen CL, **Hricak H**. Computed tomography and magnetic resonance imaging. Schrier, Gottschalk, *Disease of the Kidney* (6th edition), 1996.
76. Lipson SA and **Hricak H**. Cancer of the endometrium. In *Magnevist Monograph* 2<sup>nd</sup> edition. Felix R, Heshiki A, Hosten N and Hricak H (eds). Oxford: Blackwell Scientific Publications, 1996.
77. **Hricak H**. Editor of Gynecologic Imaging Section. (In) Margulis AR, Eisenberg RL (eds). *Radiology Pocket Reference: What to Order When*. Philadelphia: Lippincott-Raven, 1996.
78. Sheu MH, **Hricak H**. MR imaging of the prostate gland and seminal vesicles. Fornage B, Torp-Pedersen S (eds). *Ultrasound of the Prostate* (2nd edition), 1997.
79. Feldstein VA, **Hricak H**. Obstetrics. Higgins CB, **Hricak H**, Helms CC (eds). *Magnetic Resonance Imaging of the Body* (3rd edition). Philadelphia: Lippincott-Raven, 1997.
80. Chernoff DM, **Hricak H**. MRI of the female pelvis. Brosens, Wamsteker (eds). *Diagnostic Pelvic Imaging in Gynecology* (2nd edition). London: W.B. Saunders, 1997: 81-92.
81. **Hricak H**, Lipson S. MRI of the female pelvis. Hamm B, Krestin G, Laniado M, Nicolas V (eds). *MRI of the Abdomen and Pelvis*. Germany, 1997.
82. **Hricak H**. Uterus and ovaries. Passariello R, Forbes, **Hricak H**, Manelfe C, Marchal, Pavone, von Schulthess (eds). *Multimedia Virtual Textbook on MRI*. Rome: Euromultimedia, 1997.
83. Yu KK, **Hricak H**. The adnexa. Higgins CB, **Hricak H**, Helms CC (eds). *Magnetic Resonance Imaging of the Body* (3rd edition). Philadelphia: Lippincott-Raven, 1997.
84. Lipson SA, **Hricak H**. Magnetic resonance imaging of the urinary bladder and female urethra. Higgins CB, **Hricak H**, Helms CC (eds). *Magnetic Resonance Imaging of the Body* (3rd edition), Philadelphia: Lippincott-Raven, 1997.
85. Lipson SA, Chen M, **Hricak H**. Contrast media. Higgins CB, **Hricak H**, Helms CC (eds). *Magnetic Resonance Imaging of the Body* (3rd edition). Philadelphia: Lippincott-Raven, 1997.
86. Alagappan R, **Hricak H**. Magnetic resonance imaging of the kidney. Higgins CB, **Hricak H**, Helms CC (eds). *Magnetic Resonance Imaging of the Body* (3rd edition). Philadelphia: Lippincott-Raven, 1997.

87. Okizuka H, **Hricak H**. MR evaluation of the pelvic after therapy. Higgins CB, **Hricak H**, Helms CC (eds). *Magnetic Resonance Imaging of the Body* (3rd edition). Philadelphia: Lippincott-Raven, 1997.
88. Kalbhen C, Popovich M, **Hricak H**. The male pelvis: Penis/male urethra and scrotum. Higgins CB, **Hricak H**, Helms CC (eds). *Magnetic Resonance Imaging of the Body* (3rd edition). Philadelphia: Lippincott-Raven, 1997.
89. Chernoff DM, **Hricak H**. The male pelvis: Prostate and seminal vesicles. Higgins CB, **Hricak H**, Helms CC (eds). *Magnetic Resonance Imaging of the Body* (3rd edition). Philadelphia: Lippincott-Raven, 1997.
90. **Hricak H**, McCarthy S. The uterus and vagina. Higgins CB, **Hricak H**, Helms CC (eds). *Magnetic Resonance Imaging of the Body* (3rd edition). Philadelphia: Lippincott-Raven, 1997.
91. Scheidler J, **Hricak H**. Prostate and seminal vesicles. Heuck A, Reiser M (eds). *Abdominal and Pelvic MRI*, Berlin: Springer-Verlag, 1998.
92. **Hricak H**. MRI of the male pelvis. (In) Grant DM, Harris RK (eds), Young IR (section ed). *Encyclopedia of Nuclear Magnetic Resonance*. Sussex: John Wiley & Sons, Ltd., 1999.
93. **Hricak H**, Meux M, Reddy G. Radiologic assessment of the kidney. Brenner B, Rector F (eds). *The Kidney* (6th edition). Massachusetts: W.B. Saunders Company, 2000: 1171-1200.
94. **Hricak H**, Okuno W. Radiology of the urinary tract. Tanagho E, McAninch J (eds). *Smith's General Urology*, 15<sup>th</sup> edition. Stamford: Appleton & Lange, 2000:65-119.
95. Leung JW, **Hricak H**. Role of magnetic resonance imaging in the evaluation of gynecologic disease. Callen PW (ed.). *Ultrasonography in Obstetrics and Gynecology* (4<sup>th</sup> edition). Philadelphia: W.B. Saunders Company, 2000:935-972.
96. Ascher SM, Imaoka I, **Hricak H**. Diagnostic Imaging Techniques in Gynecologic Oncology. Hoskins WJ, Perez CA, Young RC (eds). *Principles and Practice of Gynecologic Oncology* (3<sup>rd</sup> edition). Philadelphia: Lippincott Williams & Wilkins, 2000: 629-668.
97. **Hricak H**, Okuno W. Male pelvis studies using MRI. Young IR, Grant DM, Harris RK (eds). *Encyclopedia of Nuclear Magnetic Resonance*. Sussex: John Wiley & Sons, Ltd., 2000.
98. Yu KK, **Hricak H**. Neoplasms of the Prostate Gland. Pollack HM, McClellan BL (eds). *Clinical Urography* (2<sup>nd</sup> edition). Philadelphia: W.B. Saunders Company, 2000: 1669-1698.
99. Chang SD and **Hricak H**. Computed Tomography and Magnetic Resonance Imaging. Schrier RW Gottschalk CW (eds.). In: *Diseases of the Kidney*, (7<sup>th</sup> Edition). Lippincott Williams & Wilkins, 2001.

100. Wefer A, **Hricak H**. The prostate: Imaging and staging of prostate cancer. Kantoff PW, Carroll P, D'Amico A (eds). Prostate Cancer. Philadelphia: Lippincott Williams & Wilkins, 2001:269.
101. **Hricak H**, Chang S. Diagnostic Imaging. Eifel P, Levenback C (eds). American Cancer Society Atlas of Clinical Oncology -- Cancer of the Female Lower Genital Tract. London: BC Decker Inc., 2001: 63-87.
102. Frei KA, Ascher SM, **Hricak H**. Imaging in Gynecology. Grainger RG, Allison DJ, Adam A, Dixon AK (eds). Diagnostic Radiology (4<sup>th</sup> edition). London: Churchill Livingstone, 2001: Vol. 3, 2201-2226.
103. Chang SD, **Hricak H**. Radiological evaluation of the urinary bladder, prostate and urethra. Grainger RG, Allison DJ, Adam A, Dixon AK (eds). Diagnostic Radiology (4<sup>th</sup> edition). London: Churchill Livingstone 2001: Vol. 2, 1615-1652.
104. **Hricak H**. The Prostate. RSNA Categorical Course Syllabus, Hricak H: Magnetic resonance tumor volumetry in cervical cancer. Intern J Radiat Onc Biol Phys. 2001.
105. **Hricak H**, Humm J, Ling C, Gelovani J, Koutcher J, Blasberg R, Larson S. Innovations in Oncologic Imaging. DeVita VT, Hellman S, Rosenberg SA (eds). Principles & Practice of Oncology (6<sup>th</sup> edition). Lippincott Williams & Wilkins, 2001: Volume 15, Number 11, 1-16.
106. Bragg D, Rubin P, **Hricak H**. Imaging Strategies for Oncologic Staging, Diagnosis, and Multidisciplinary Treatment. Bragg DG, Rubin P, Hricak H (eds). Oncologic Imaging (2<sup>nd</sup> edition). Philadelphia: W.B. Saunders Company, 2002.
107. Bragg DG, Okuno W, **Hricak H**. Lymphomas and the lymphoproliferative disorders. Bragg DG, Rubin P, Hricak H (eds). Oncologic Imaging (2<sup>nd</sup> edition). Philadelphia: W.B. Saunders Company, 2002.
108. Yu KK, Eberhardt SC, **Hricak H**. Cancer of the prostate. Bragg DG, Rubin P, Hricak H (eds). Oncologic Imaging (2<sup>nd</sup> edition). Philadelphia: W.B. Saunders Company, 2002.
109. Boles SM, **Hricak H**. Carcinoma of the cervix and endometrium. Bragg DG, Rubin P, Hricak H (eds). Oncologic Imaging (2<sup>nd</sup> edition). Philadelphia: W.B. Saunders Company, 2002.
110. Hari A, Grossfeld G, **Hricak H**. Tumors of the Scrotum. Bragg DG, Rubin P, **Hricak H** (eds). Oncologic Imaging (2<sup>nd</sup> edition). Philadelphia: W.B. Saunders Company, 2002.

111. Okuno W, **Hricak H**. Renal tumors: The Role of Spiral CT and Controversies - The case for MRI. Terrier F, Grossholz C, Becker C (eds). Spiral CT of the Abdomen. Berlin: Springer-Verlag, 2002: 361-4.
112. **Hricak H**, Coakley F, Bergman A. Imaging of Gynecologic Cancer. Atlas of Cancer. Markman M, ed. Philadelphia, Lippincott, Williams & Wilkins; 2003: 45-56.
113. **Hricak H**, Mironov S. Imaging Gynecologic Malignancies: Gynecologic Cancer: Controversies in Management. Gershenson, Gore, McGuire, Qinn, Thomas, Eds. Elsevier Science, 2003:969-984.
114. Eberhardt S, **Hricak H**. Radiology of the Urinary Tract. In: Smith's General Urology, 16th edition. Tanagho E, McAninch JW eds. Lange, McGraw Hill, 2003:62-111.
115. **Hricak H**. Molecular Imaging. In: MRI from Current Knowledge to New Horizons. Debatin JF, Hricak H, Niendorf HP eds. Excerpta Medica International, 2003:159-167.
116. **Hricak H**, Reddy G, Meux, M. Radiologic Assessment of the Kidney. Brenner BM, ed. The Kidney, 7th edition, Volume 1. Elsevier Science, 2003:1183-1214.
117. Akin O, **Hricak H**. Pelvic imaging for radiation oncologist targeting IMRT. The Textbook of Radiation Oncology, 2nd ed. Steven A. Leibel and Theodore L. Phillips eds. Elsevier Science, 2003:441-459.
118. Ascher SM, Cooper C, Scoutt L, Imaoka I, **Hricak H**. Diagnostic Imaging Techniques in Gynecologic Oncology. Hoskins WJ, Perez CA, Young RC eds. Principles and Practice of Gynecologic Oncology, 4th ed. Philadelphia, Lippincott Williams & Wilkins, 2004:223-266.
119. Carroll PR, **Hricak H**, Meng, MV, Park, S, Pucar D. Staging. In: Bostwick DG, Higano CS, Roach M, Crawford DE, eds. Complete Guide to Prostate Cancer. Atlanta, GA, American Cancer Society; 2005: Chapter 15, 133-142.
120. **Hricak, H**, Akin Oguz, Bradbury M.S., Liberman L, Schwartz L, Larson S. Functional and Metabolic Imaging. In: DeVita V.T., Hellman S, Rosenberg S, eds. Cancer Principles & Practice of Oncology 7<sup>th</sup> Edition. Philadelphia, Lippincott Williams & Wilkins; 2005:Chapter 24, 589-611.
121. Mullerad M, Shukla-Dave A, **Hricak H**. Imaging in Prostate Cancer. In: Vogelzang N, Scardino PT, Shipley WU, Linehan M, DeBruyne F, eds. Comprehensive Textbook of Genitourinary Oncology, 3rd edition. Baltimore, Lippincott Williams and Wilkins; 2005.
122. Claus FG, **Hricak H**. Imaging in radiation therapy. Recent advanced and their role in radiotherapy (In) Levitt SH, Purdy JA, Perez CA, Vijayakumar, S. (eds.) Technical basis of radiation therapy. Practical clinical applications. 4th Revised Edition. New York, Springer Verlag; 2006: Chapter 4, 57-68.

123. Gerst SR, **Hricak H**, Radiology of the Urinary Tract. (In) Tanagho E, McAnnich J, eds. Smith's General Urology, 17th edition. New York, McGraw-Hill; 2008: Chapter6, 58-104.
124. Sala E, Allison A, Ascher SM, **Hricak H**. Imaging in Gyneacology. (In) Dixon A, Adam A, Grainger R. and Allison D, eds. Grainger & Allison's Diagnostic Radiology. 5th edition. London: Churchill Livingstone. 2008: Section 6, Chapter 54, 1217-44
125. Chang S, **Hricak H**. Radiological evaluation of the urinary bladder, prostate and urethra. (In) Dixon A, Adam A, Grainger R. and Allison D, eds. Grainger & Allison's Diagnostic Radiology. 5th edition. London: Churchill Livingstone. 2008: Section 4, Chapter 42, 885-918
126. Sala E, **Hricak H**, Reproductive. (In) Einsenberg, R. and Margulis A, eds. The Right Imaging Study: A Guide for Physicians, Third Edition. Springer. 2008: Chapter 9, 516- 527
127. Chang SD, **Hricak H**, Computed Tomography and Magnetic Resonance Imaging. (In) Schrier RW, ed. Diseases of the Kidney and Urinary Tract, 8th edition. Philadelphia, Lippincott Williams & Wilkins. (In press)
128. Wolfman DJ, Asher SM, **Hricak H**, Cooper C, Scoutt L. Diagnostic Imaging Techniques in Gynecologic Oncology. (In) Barakat RR, Markman M, Randell ME, eds. Gynecologic Oncology, 5<sup>th</sup> Edition. Philadelphia, Lippincott Williams & Wilkins. 2008. Chapter 10, 197-230.
129. **Hricak H**, Sala E, The Right Imaging Study, A Guide for Physicians. (In) Eisenberg R, Margulis A, eds., 3<sup>rd</sup> Edition. Springer Science+Business Medial LLC. 2008. Chapter 9, 516-563.
130. **Hricak H**, Scardino P. eds. Current clinical issues. (In) prostate cancer that can be addressed by imaging. Cambridge University Press. 2009, Chapter 3, 29-42.
131. Zhang J, **Hricak H**. Early Diagnosis and Treatment of Cancer Series: Ovarian Cancer. (In) Imaging of Ovarian Cancer, Elsevier 2010, Chapter 5, 63-85.
132. Akin O, Dunphy M, **Hricak H**. Pelvis. (In) Hoppe RT, Phillips TL, Roach M, eds. Leibel and Phillips Textbook of Radiation Oncology. Elsevier Saunder. 2010, Chapter 20, 393-417.
133. Sokhandon F, Morgan D., **Hricak H**. Prostate MRI: Second Edition Variants and Pitfalls. (In) Body Imaging, Thoracic, Abdominal and Women's Imaging. eds. Ali Shirkhoda, Lippincott Williams & Wilkins, Chapter 25, 626-638.
134. Vargas HA, Shukla-Dave A, **Hricak H**. Imaging in prostate cancer. (In) Vogelzang N.J., Scardino P.T., Zelefsky M.J., et al. Comprehensive Textbook of Genitourinary Oncology. Lippincott Williams & Wilkins; Fourth edition. 2011 Chapter 41, 701-714.
135. Gerst S, **Hricak, H**. Radiology of the Urinary Tract. (In) McAninch, JW, Lue, TF, eds. Smith & Tanagho's General Urology. 18<sup>th</sup> edition. New York, NY: McGraw-Hill; 2013: Chapter 6, 61-102.

136. Vargas HA, Akin O, **Hricak H**. Imaging in Oncology. (In) Brady L.W., Yaeger T.E, eds. Encyclopedia of Radiation Oncology. Heidelberg, Springer. 2013. 364-372.
137. Evis Sala, Hebert Alberto Vargas, Olivio F. Donati, Wolfgang A. Weber, **Hedvig Hricak**. Role of Molecular Imaging in the Era of Personalized Medicine: A Review. (In) A. Luna et al. (eds.), Functional Imaging in Oncology. Berlin, Heidelberg, Springer-Verlag. 2014. Chapter 3, 43-58.
138. Evis Sala, Susan Freeman, Susan M. Ascher, **Hedvig Hricak**. Diagnostic Radiology, A Textbook of Medical Imaging. (In) Andreas Adam, Adrian K. Dixon, Jonathan H. Gillard, et al. Gynaecological Cancer. New York, Granger & Allison's. 6<sup>th</sup> Edition. 2015. Chapter 41, 957-971.