

Forthcoming Articles in the Next Issue

Editor's Notebook. Stanley RJ

Special Article

- **Perspective.** Integrating systems biology and medical imaging: understanding disease distribution in the lung model. *Yun AJ, Lee PY, Gerber AN*

The Practice of Radiology

- **Original research.** Efficiency of a semi-automated coding and review process for notification of critical findings in diagnostic imaging. *Choksi V, Marr C, Bell Y, Carlos R*
- **Original research.** Potential impact of the American College of Radiology appropriateness criteria on CT trauma imaging. *Hadley JL, Agola J, Wong P*

Musculoskeletal Imaging

- **Original research.** Anatomic variations and MRI of the intermalleolar ligament. *Oh C-S, Won H-S, Hur M-S, et al.*
- **Original research.** Sonography of plantar plates in cadavers—correlation with MRI and histology. *Gregg J, Marks P, Silberstein M, Schneider T, Kerr J*
- **Clinical observations.** Frequency of sternal variations and anomalies evaluated by MDCT. *Yekeler E, Tunaci M, Tunaci A, Dursun M, Acunas G*
- **Clinical observations.** MRI findings of subcutaneous epidermal cysts: emphasis on the presence of rupture. *Hong SH, Chung HW, Choi J-Y, Koh YH, Choi J-A, Kang HS*
- **Review.** Staging of bone tumors: a review with illustrative examples. *Stacy G, Mahal R, Peabody T*
- **Technical innovation.** CT-guided core biopsy of subchondral bone and intervertebral space in suspected spondylodiscitis. *Michel SCA, Pfirmann CWA, Boos N, Hodler J*

CME

Chest Imaging

- **Original research.** Do hemodynamic studies of T1 lung cancer enable the prediction of hilar or mediastinal nodal metastasis? *Shim SS, Lee KS, Chung MJ, Kim H, Kwon OJ, Kim S*
- **Original research.** Inherent variability of CT lung nodule measurements in vivo using semiautomatic volumetric measurements. *Goodman LR, Gulsun M, Washington L, Nagy PG, Piacsek KL*
- **Original research.** Idiopathic interstitial pneumonias: prevalence of mediastinal lymph node enlargement in 206 patients. *Althoff Souza C, Müller NL, Lee KS, Johkoh T, Sumikawa H, Chong S*
- **Original research.** Variability in mesothelioma tumor response classification. *Armato SG III, Ogarek JL, Starkey A, et al.*
- **Original research.** CT of pleural abnormalities in lymphangioleiomyomatosis and comparison of pleural findings following different types of pleurodesis. *Avila NA, Dwyer AJ, Rabel A, DeCastro RM, Moss J*

Women's Imaging

- **Original research.** Sonography of postexcision specimens of nonpalpable breast lesions: value, limitations, and description of a method. *Mesurole B, El-Khoury M, Hori D, et al.*
- **Original research.** Sonographic screening for detection of thyroid cancer in women undergoing breast sonography. *Park JS, Oh KK, Kim E-K, Chang H-S, Hong SW*
- **Case report.** Mammographic, sonographic, and pathologic characteristics of Burkitt lymphoma in a patient referred for diagnostic mammography. *Esserman L, Sexton R, Yu QQ, Beria C-I*
- **Original research.** Likelihood ratio of sonographic findings in discriminating hydrosalpinx from other adnexal masses. *Patel MD, Acord DL, Young SW*
- **Pictorial essay.** CT and MRI of adnexal masses in patients with primary non-ovarian malignancy. *Chang W-C, Meux MD, Yeh BM, et al.*

Hepatobiliary Imaging

- **Original research.** Hepatic metastases: perilesional enhancement on dynamic MRI. *Yu J-S, Rofsky N*
- **Original research.** Detection and characterization of hepatic metastases in colorectal cancer patients: comparison of mangafodipir trisodium and ferucarbotran-enhanced MRI. *Kim HJ, Kim KV, Byun JH, et al.*
- **Clinical observations.** CT measurement of colon cancer metastases to liver by modified RECIST criteria: what is the ideal number of target lesions to be measured? *Zacharia TT, Saini S, Halpern E, Sumner J*

Gastrointestinal Imaging

- **Original research.** Appendiceal involvement in Crohn's disease: grey-scale sonography and color Doppler flow features. *Ripolles T, Martinez MJ, Morote V, Errando J*

- **Original research.** Preoperative assessment of vascular anatomy before laparoscopic gastrectomy. *Matsuki M, Tanikake M, Kani H, et al.*
- **Clinical observations.** CT colonography: cecal mobility as a potential pitfall. *Chen JC, Dachman AH*
- **Clinical observations.** Detection of strictures on upper gastrointestinal tract radiographic examinations after laparoscopic Roux-En-Y gastric bypass surgery: importance of projection. *Jha S, Levine MS, Rubesin SE, et al.*

Abdominal Imaging

- **Clinical observations.** MRI features of tuberculous focal splenic lesions. *De Backer A, Vanhoenacker F, Mortelet K, Vanschoubroek I, De Keulenaer B, Parizel P*
- **Pictorial essay.** Mimics of appendicitis: alternative nonsurgical diagnoses at sonography and CT. *Van Breda Vriesman AC, Puylaert JBCM*
- **Case report.** Venous malformations mimicking multiple mucosal polyps at screening CT colonography. *Lee AD, Pickhardt PJ, Gopal DV, Taylor AJ*
- **Case report.** Dependent venous contrast pooling and layering: a sign of imminent cardiogenic shock. *Roth C, Sneider M, Bogot N, Todd M, Cronin P*

Genitourinary Imaging

- **Original research.** Radiation dose associated with nonenhanced CT for suspected renal colic: impact of repetitive studies. *Katz S, Saluja S, Brink J, Forman H*
- **Pictorial essay.** Radiologic findings of peripheral primitive neuroectodermal tumor (pPNET) arising in the retroperitoneum. *Kim MS, Kim B, Park CS, et al.*
- **Case report.** Bilateral primary fallopian tube carcinoma: findings on sequential MRI. *Hosokawa C, Tsubakimoto M, Inoue Y, Nakamura T*

Interventional Radiology

- **Original research.** Intraluminal brachytherapy of de novo transjugularportosystemic shunt (TIPS)—a prospective randomized double blind study. *Hidajat N, Stupavsky A, Gellerman J, et al.*
- **Clinical observations.** Comparative results of Doppler sonography after transjugularportosystemic shunt (TIPS) procedure using ePTFE covered stents and bare stents. *Lake D, Guimaraes M, Ackerman S, et al.*
- **Clinical observations.** Endovascular repair of inflammatory aortic aneurysms: long-term results. *Puchner S, Bucek R, Loewe C, et al.*
- **Technical innovation.** Assessment of the technical feasibility and biocompatibility of a newly designed separating stent-graft in the normal canine aorta. *Kang S-G, Chung JW, Kim YI, Park JH, Lee DY*
- **Case report.** Selective balloon-occluded retrograde transvenous obliteration of gastric varix while preserving major portacaval shunt. *Nishida N, Ninoi T, Kitayama T, et al.*

Pediatric Imaging

- **Clinical observations.** Appendicitis in young children: imaging experience and clinical outcomes. *Rodriguez DP, Vargas S, Callahan MJ, Zurakowski D, Taylor GA*
- **Clinical observations.** Dynamic contrast-enhanced MRI quantification of synovium microcirculation in experimental arthritis. *Doria A, Noseworthy M, Oakden W, et al.*
- **Case report.** Simultaneous presentation of congenital neuroblastoma in monozygotic twins: a case of possible twin-to-twin metastasis. *Adaletli I, Kurugoglu S, Aki H, Mihmanli I*
- **Case report.** Noninvasive cystic thymoma in an adolescent male. *Verhey P, Hopkins KL, Primack S, Radovich N, Zigman A*

Neuroradiology

- **Commentary.** Approaches to imaging of the sella: notes on "the volume of the sella turcica." *Provenzale JM*
- **Radiologic-pathologic conference of Massachusetts General Hospital.** Rheumatoid meningitis: radiologic and pathologic correlation. *Jones S, Belsley N, McLoud T, Mullins M*

Multisystem Disease

- **Pictorial essay.** Imaging features of Fabry disease. *Lidove O, Klein I, Lelievre J-D, et al.*

On the AJR Viewbox

- **Omental and peritoneal involvement in systemic amyloidosis: CT with pathologic correlation.** *Horger M, Vogel M, Brodofel H, Schimmel H, Claussen C*
- **An unusual coronary artery anomaly in tetralogy of Fallot demonstrated on MDCT.** *Gulati GS, Singh C, Kothari SS, Sharma S*
- **Macroductyia fibrolipomatosis associated with multiple small bowel lipomas.** *Mazziotti S, Salamone I, Vinci S, Pandolfo A*