

## Prof. DENİZ AKATA

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### Education Information

Expertise In Medicine, Hacettepe University, Tıp, Radyoloji, Turkey 1990 - 1994

### Foreign Languages

English, C1 Advanced

### Dissertations

Postgraduate, Multipl Myelomda MRG bulguları, Hacettepe Üniversitesi, Hacettepe Tıp Fakültesi, 1994

### Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Radiodiagnostic

### Academic and Administrative Experience

Hacettepe Üniversitesi, Tıp Fakültesi (ingilizce), Dahili Tıp Bilimleri Bölümü, 2015 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Infarcts and ischemia in the abdomen: an imaging perspective with an emphasis on cross-sectional imaging findings**  
KARAOŞMANOĞLU A. D., ÖNDER Ö., KIZILGÖZ V., Hahn P. F., Kantarci M., ÖZMEN M. N., KARÇAALTINCABA M., AKATA D.  
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- II. **Multiparametric MRI with MR elastography findings in patients with sinusoidal obstruction syndrome after oxaliplatin-based chemotherapy**  
POKER A., KARÇAALTINCABA M., ÖZMEN M. N., Karaoşmanoglu A. D., ERDEMİR A. G., ÖCAL O., AKATA D., İDİLMAN İ. S.  
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- III. **Imaging findings of spontaneous intraabdominal hemorrhage: neoplastic and non-neoplastic causes**

Arslan S., Sarikaya Y., AKATA D., ÖZMEN M. N., KARÇAALTINCABA M., KARAOSMANOĞLU A. D.  
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- IV. **Radiation dose levels of thoracic-lumbar spine CT in pediatric trauma patients and assessment of scan parameters for dose optimization**  
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- V. **Proton density fat fraction: magnetic resonance imaging applications beyond the liver**  
İDİLMAN İ. S., YILDIZ A. E., KARAOSMANOĞLU A. D., Ozmen M. N., AKATA D., KARÇAALTINCABA M.  
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- VI. **International survey on residency programs in radiology: similarities and differences among 17 countries**  
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- VII. **Cross-sectional imaging findings of splenic infections: is differential diagnosis possible?**  
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ABDOMINAL RADIOLOGY, vol.46, no.10, pp.4828-4852, 2021 (SCI-Expanded)
- VIII. **Imaging findings of diseases affecting the gastrohepatic ligament: not as acquiescent as it seems**  
KARAOSMANOĞLU A. D., ÖNDER Ö., AKATA D., ÖZMEN M. N., KARÇAALTINCABA M.  
ABDOMINAL RADIOLOGY, vol.46, no.9, pp.4106-4120, 2021 (SCI-Expanded)
- IX. **A sling of a normal right inferior vena cava around the abdominal aorta**  
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- X. **Cross-sectional imaging features of unusual adrenal lesions: a radiopathological correlation**  
KARAOSMANOĞLU A. D., ÖNDER Ö., LEBLEBİCİ C. B., SÖKMENSÜER C., AKATA D., ÖZMEN M. N., KARÇAALTINCABA M.  
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- XI. **Role of steroid injection for skin thickness and edema in rhinoplasty patients**  
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- XII. **Identifying the deceiver: the non-neoplastic mimickers of genital system neoplasms**  
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- XIII. **Excessive z-axis scan coverage in body CT: frequency and causes**  
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EUROPEAN RADIOLOGY, vol.31, no.6, pp.4358-4366, 2021 (SCI-Expanded)
- XIV. **Immunoglobulin G4-related systemic disease: mesenteric and peritoneal involvement with radiopathological correlation and differential diagnoses**  
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- XV. **Can we differentiate neoplastic and non-neoplastic spontaneous adrenal bleeding? Imaging findings with radiopathologic correlation**  
KARAOSMANOĞLU A. D., UYSAL A., Arslan S., SÖKMENSÜER C., Leblebici C., AKATA D., ÖZMEN M. N., KARÇAALTINCABA M.  
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- XVI. **Prostatitis, the Great Mimicker of Prostate Cancer: Can We Differentiate Them Quantitatively With Multiparametric MRI?**  
Uysal A., Karaosmanoglu A. D., KARÇAALTINCABA M., AKATA D., AKDOĞAN B., Baydar D. E., ÖZMEN M. N.  
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- XVII. **Role of imaging in visceral vascular emergencies**

- KARAOSMANOĞLU A. D., Uysal A., AKATA D., ÖZMEN M. N., KARÇAALTINCABA M.  
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- XVIII. **Congenital and hereditary cystic diseases of the abdomen**  
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- XIX. **Imaging findings of infectious and inflammatory diseases of the urinary system mimicking neoplastic diseases**  
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ABDOMINAL RADIOLOGY, vol.45, no.4, pp.1110-1121, 2020 (SCI-Expanded)
- XX. **Treatment of massive liver metastasis of breast cancer during pregnancy: first report of a complete remission with trastuzumab and review of literature**  
AKTOZ F., Yalcin A. C., Yuzdemir H. S., AKATA D., GÜLTEKİN M.  
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- XXI. **Tumor in the veins: an abdominal perspective with an emphasis on CT and MR imaging**  
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- XXIV. **Primary lymphomas of the intraabdominal solid organs and the gastrointestinal tract: spectrum of imaging findings with histopathological confirmation**  
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- XXV. **Low tube voltage increases the diagnostic performance of dual-energy computed tomography in patients with acute appendicitis**  
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- XXVI. **Imaging in secondary tumors of the ovary**  
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- XXVII. **MRI evaluation of anal and perianal diseases**  
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- XXVIII. **Hepatobiliary phase liver MR imaging findings after Oxaliplatin-based chemotherapy in cancer patients**  
ÜNAL E., KARAOSMANOĞLU A. D., ÖZMEN M. N., AKATA D., KARÇAALTINCABA M.  
ABDOMINAL RADIOLOGY, vol.43, no.9, pp.2321-2328, 2018 (SCI-Expanded)
- XXIX. **Computed tomography and magnetic resonance imaging of peripelvic and periureteric pathologies.**  
Gumeler E., ONUR M., KARAOSMANOĞLU A., ÖZMEN M., AKATA D., KARÇAALTINCABA M.  
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- XXX. **Secondary Tumors of the Urinary System: An Imaging Conundrum**  
KARAOSMANOĞLU A. D., ONUR M. R., KARÇAALTINCABA M., AKATA D., ÖZMEN M. N.  
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- XXXI. **Anterior uterine wall: normal and abnormal CT and MRI findings after cesarean section**  
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- XXXII. **Imaging of pathology involving the space around the hepatic veins: "perivenous pattern"**

- KARAOŞMANOĐLU A. D., ONUR M. R., ÖZMEN M. N., AKATA D., KARÇAALTINCABA M.  
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- XXXIV. **Dual-energy CT characteristics of colon and rectal cancer allows differentiation from stool by dual-source CT**  
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- XXXV. **Imaging for abdominal involvement in amyloidosis**  
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- XXXVI. **Liver Function Assessment by Magnetic Resonance Imaging**  
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- XXXVII. **Magnetic Resonance Imaging of Liver Metastasis**  
KARAOŞMANOĐLU A. D., ONUR M. R., ÖZMEN M. N., AKATA D., KARÇAALTINCABA M.  
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- XXXVIII. **Reproducibility and variability of very low dose hepatic perfusion CT in metastatic liver disease**  
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- XXXIX. **The association between thyroid volume, L-thyroxine therapy and hepatocyte growth factor levels among patients with euthyroid and hypothyroid goitrous and non-goitrous Hashimoto's thyroiditis versus healthy subjects**  
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- XL. **Invisible fat on CT: making it visible by MRI**  
ÜNAL E., KARAOŞMANOĐLU A. D., AKATA D., ÖZMEN M. N., KARÇAALTINCABA M.  
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.22, no.2, pp.133-140, 2016 (SCI-Expanded)
- XLI. **Effect of iterative reconstruction on image quality in evaluating patients with coronary calcifications or stents during coronary computed tomography angiography: a pilot study**  
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- XLII. **Different forms of iron accumulation in the liver on MRI**  
İDİLMAN İ. S., AKATA D., ÖZMEN M. N., KARÇAALTINCABA M.  
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- XLIII. **Intraoperative Ex Vivo High-Resolution Sonography A Novel Technique for the Assessment of Myometrial Invasion in Endometrial Cancer**  
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- XLIV. **Comparison of image quality and radiation dose between prospectively ECG-triggered and retrospectively ECG-gated CT angiography: Establishing heart rate cut-off values in first-generation dual-source CT.**  
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- XLV. **Intrapancreatic pseudoaneurysm causing massive gastrointestinal hemorrhage and chronic pancreatitis**  
PEYNİRCİOĐLU B., KARAOŞMANOĐLU A. D., İDİLMAN İ. S., AKATA D., ŞİMŞEK H.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.26, no.3, pp.270-273, 2015 (SCI-Expanded)
- XLVI. **Does coronary calcium scoring with a SCORE better predict significant coronary artery stenosis than**

**without? Correlation with computed tomography coronary angiography**

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**XLVII. Nonalcoholic fatty liver disease is associated with significant coronary artery disease in type 2 diabetic patients: A computed tomography angiography study**

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**XLVIII. Imaging of aberrant left gastric vein and associated pseudolesions of segments II and III of the liver and mimickers**

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**XLIX. Quantitative liver tumor blood volume measurements by a C-arm CT post-processing software before and after hepatic arterial embolization therapy: comparison with MDCT perfusion**

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**L. Precision Imaging of Focal Liver Lesions Comparison With Conventional Sonography in Terms of Image Quality**

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**LI. CT diagnosis of intrasplenic metastasis from ovarian carcinoma**

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**LII. Infiltrating rectal cavernous hemangioma mimicking rectal tumor**

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**LIII. Noninvasive Evaluation of Coronary Artery Bypass Grafts with 16-Slice Multidetector Computed Tomography**

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**LIV. Omental vascular pedicle sign: Multidetector CT finding useful for diagnosis of an omental mass**

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**LV. The role of the resistive index in Hashimoto's thyroiditis: a Sonographic pilot study in children**

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**LVI. Analysis of left atrial appendix by dual-source CT coronary angiography: Morphologic classification and imaging by volume rendered CT images**

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**LVII. Primary Anterior Abdominal Wall Leiomyoma**

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**LVIII. DIAGNOSTIC PERFORMANCE OF 16-SLICE VERSUS DUAL SOURCE 64-SLICE MDCT ANGIOGRAPHY IN THE EVALUATION OF CORONARY ARTERY BYPASS GRAFTS: A COMPARATIVE STUDY**

Sahiner L., YORGUN H., CANPOLAT U., HAZIROLAN T., AYTEMİR K., Oto A., KARÇAALTINCABA M., AKATA D.

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**LIX. Effectiveness Best R-R Reconstruction Interval Determination Software for the Evaluation of Dual-Source Coronary CT Angiography Examinations**

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- LX. **Neuroblastoma Presented with Polyhydramnios**  
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- LXI. **The value of dynamic contrast-enhanced MRI in the detection of recurrent prostate cancer after external beam radiotherapy: correlation with transrectal ultrasound and pathological findings**  
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- LXII. **Clinical applications of gadobenate dimeglumine-enhanced magnetic resonance cholangiography: an expanded pictorial review**  
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- LXIII. **Unusual causes of left renal vein compression along its course: MDCT findings in patients with nutcracker and pelvic congestion syndrome**  
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- LXIV. **EVALUATION OF CORONARY ARTERY COMPLICATIONS BY COMPUTED TOMOGRAPHY ANGIOGRAPHY IN PATIENTS TREATED FOR HODGKIN LYMPHOMA**  
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- LXV. **Association Among Serum Fetuin-A Level, Coronary Artery Calcification, and Bone Mineral Densitometry in Maintenance Hemodialysis Patients**  
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- LXVI. **Dual Energy Virtual CT Colonoscopy with Dual Source Computed Tomography: Initial Experience**  
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- LXVII. **Association of plasma osteopontin levels with coronary calcification evaluated by tomographic coronary calcium scoring**  
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- LXVIII. **CT findings of lymphoma with peritoneal, omental and mesenteric involvement: Peritoneal lymphomatosis**  
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- LXIX. **Prenatal diagnosis of Pena-Shokeir syndrome phenotype by ultrasonography and MR imaging**  
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- LXX. **The Impact of Warmed Intravenous Contrast Material on the Bolus Geometry of Coronary CT Angiography Applications**  
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- LXXI. **Multidetector Computed Tomography Diagnosis of Fusion of Pancreas and Spleen Confirmed by Magnetic Resonance Imaging**  
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## **Metrics**

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