



CURRICULUM VITAE

Name, Surname	: Oktay, ALGIN
Profession	: Medical Doctor, Radiologist, Associate Professor
Place and Date of Birth	: Denizli-Turkey, 05. 04. 1978
Foreign Languages	: English, German

Educational and Academic Status: (Diplomas and Degrees Obtained)

- * MD : Osmangazi University, Faculty of Medicine (2001)

- * Residency in Radiology: Uludag University, Faculty of Medicine, Dept. of Radiology
(2003-2008)

- * Professional occupation: Ardahan/Haskoy Government Hospital (2001-2003)
İnegöl Government Hospital (2008-2009)
Ankara Atatürk Training and Research Hospital (2009,...)
National MR Research Center, Bilkent University,
Ankara, Turkey (2010-...)

- * Board certification : Turkish Radiology Board Committee (2009)

* Memberships : European Society of Radiology, ESMRMB, Turkish Society of Radiology, Turkish Society of Magnetic Resonance, CIRSE, Turkish Medical Association (TTB)

A- Publications:

- 1-** Baran B, Yilmaz Y, **Algin O**, et al. Acute myocardial infarction, ischemic cerebrovascular disease and variceal bleeding due to portal vein thrombosis in a patient with hereditary thrombophilia. Blood Coagulation and Fibrinolysis 2008; 19: 243-6
- 2- Algin O.** Spectral power Doppler ultrasound parameters: are they really significant? Laryngoscope 2009; 119: 1452
- 3- Algin O**, Gokalp G, Baran B, Ocakoglu G, Yazici Z. Evaluation of sacroiliitis: contrast-enhanced MRI with subtraction technique. Skeletal Radiol. 2009; 38: 983-8
- 4- Algin O**, Hakyemez B, Gokalp G, Korfali E, Parlak M. Phase-contrast cine MRI versus MR cisternography on the evaluation of the communication between intraventricular arachnoid cysts and neighboring cerebrospinal fluid spaces. Neuroradiology 2009; 51(5): 305-12
- 5- Algin O**, Hakyemez B, Taskapilioglu O, Ocakoglu G, Bekar A, Parlak M. Morphologic features and flow void phenomenon in normal pressure hydrocephalus and other dementias. Are they really significant? Acad Radiol 2009; 16 (11): 1373-80
- 6- Algin O**, Hakyemez B, Gokalp G, Ozcan T, Korfali E, Parlak M. The contribution of 3D-CISS and contrast-enhanced MR cisternography in detecting cerebrospinal fluid leak in patients with rhinorrhoea. Br J Radiol 2010; 83 (987): 225-32
- 7- Bican A**, Bora I, **Algin O**, Hakyemez B, Ozkol V, Alper E. Neuroimaging in narcolepsy. Sleep Med. 2010; 11(2): 225-6

- 8- Algin O,** Hakyemez B, Parlak M. Phase-contrast MRI and 3D-CISS versus contrast-enhanced MR cisternography on the evaluation of the aqueductal stenosis. *Neuroradiology* 2010; 52: 99-108
- 9- Algin O.** Role of complex hydrocephalus in unsuccessful endoscopic third ventriculostomy. *Childs Nerv Syst.* 2010; 26: 3-4
- 10- Algin O,** Hakyemez B, Parlak M. Proton MR spectroscopy and white matter hyperintensities in idiopathic normal pressure hydrocephalus and other dementias. *The British Journal of Radiology* 2010; 83: 747-52
- 11- Algin O,** Hakyemez B, Taskapilioglu O, Parlak M, Turan F. Active MS plaques: efficiency of contrast-enhanced magnetization transfer subtraction technique. *Diagnostic and interventional radiology* 2010; 16: 106-11
- 12- Algin O,** Algin E, Gokalp G, Ocakoglu G, Erdogan C, Saraydaroglu O, Tuncel E. Role of duplex power Doppler ultrasound in differentiation between malignant and benign thyroid nodules. *Korean J Radiol* 2010; 11: 1-5
- 13- Algin O,** Hakyemez B, Parlak M. The efficiency of PC-MRI in diagnosis of normal pressure hydrocephalus and prediction of shunt response. *Acad Radiol* 2010; 17: 181-7
- 14- Algin O.** Role of aqueductal CSF stroke volume in idiopathic normal-pressure hydrocephalus. *AJNR Am J Neuroradiol.* 2010; 31(2): E26-7
- 15- Algin O.** Functional evaluation of kidneys: which technique is more useful? *AJR Am J Roentgenol.* 2010; 194(2):W241
- 16- Algin O,** Gokalp G, Ocakoglu G. Evaluation of bone cortex and cartilage of spondyloarthropathic sacroiliac joint: Efficiency of different fat-saturated MRI sequences (T1-weighted, 3D-FLASH, and 3D-DESS). *Academic Radiology* 2010; 17(10): 1292-8
- 17- Algin O,** Taskapilioglu O, Hakyemez B, Ocakoglu G, Yurtogullari S, Erer S, Parlak M. Structural and neurochemical evaluation of the brain and pons in patients with Wilson's disease. *Jpn J Radiol.* 2010; 28(9): 663-71

- 18- Algin O**, Taskapilioglu O, Ocakoglu G, Yurtogullari S, Hakyemez B. Value of MRS in the Evaluation of Deep Grey Matter in Multiple Sclerosis. *Iranian Journal of Radiology* 2010; 7(3): 161-5
- 19- Algin O**, Hakyemez B, Ocakoglu G, Parlak M. MR cisternography: Is it useful in the diagnosis of normal pressure hydrocephalus and the selection of “good shunt responders”? *Diagnostic and Interventional Radiology* 2011; 17(2): 105-11
- 20- Algin O**, Erdogan C, Kilic N. Ultrasound-Guided Percutaneous Drainage of Neonatal Pyometrocolpos Under Local Anesthesia. *Cardiovasc Intervent Radiol (CVIR)* 2011; 34(Suppl 2): S271-6
- 21- Algin O**, Ceylan G, Kilic E. An Unusual Cause of Multiple Cerebral Hemorrhages: Drotrecogin Alpha (Activated Protein C). *AJNR Am J Neuroradiol.* 2011; 32(5): E85-6
- 22- Algin O**, Hakyemez B, Parlak M. Phase-contrast MRI and 3D-CISS versus contrast-enhanced MR cisternography on the evaluation of spontaneous third ventriculostomy existence. *Journal of Neuroradiology* 2011; 38(2): 98-104
- 23- Algin O**, Gokalp G, Topal U. Signs in chest imaging. *Diagnostic and interventional radiology* 2011; 17(1): 18-29
- 24- Oto C**, Ekim O, **Algin O**, Şenel OO, İnce N, Haziroglu RM. 3 Tesla Magnetic resonance imaging and multiplanar reconstruction of the brain and its associated structures in pig. *Veterinary Journal of Ankara University* 2011; 58: 73-78.
- 25- Gokalp G**, **Algin O**, Yildirim N, Yazici Z. Adhesive capsulitis: Contrast-enhanced shoulder MRI findings. *Journal of Medical Imaging and Radiation Oncology* 2011; 55(2): 119-25
- 26- Tosun O**, **Algin O**, Yalcin N, Cay N, Ocakoglu G, Karaoglanoglu M. Ischiofemoral impingement: evaluation with new MRI parameters and assessment of their reliability. *Skeletal Radiology*, 2012; 41(5): 575-87
- 27- Algin O**. A new contrast media for functional MR urography: Gd-MAG3. *Med Hypotheses* 2011; 77(1): 74-6

- 28-** Gumus M, Ugras S, **Algin O**, Gundogdu H. Acinar cell cystadenoma (acinar cystic transformation) of the pancreas: the radiologic-pathologic features. Korean J Radiol. 2011; 12(1): 129-34
- 29- Algin O**, Tosun O, Ozmen E, Karaoglanoglu M. Neuroimaging application of constructive interference in steady-state sequence and other heavily T2-weighted sequences. J Med Imaging Radiat Oncol. 2011; 55(5): 506
- 30- Algin O.** Radiologic evaluation of spontaneous or endoscopic third ventriculostomy: Which technique is more useful? Clin Neurol Neurosurg. 2011; 113(8): 700-2
- 31- Algin O**, Taskapilioglu O, Zan E, Hakyemez B, Karaoglanoglu M. Detection of CSF leaks with magnetic resonance imaging in intracranial hypotension syndrome. J Neuroradiol. 2011; 38(3): 175-7
- 32- Algin O**, Taskapilioglu O, Hakyemez B, Parlak M. Unusual Patient with Multiple Sclerosis and Shunt-Responsive Normal-Pressure Hydrocephalus. Clinical Neuroradiology 2012;22(1):101-4
- 33- Algin O**, Ozmen E, Canyigit M, Gumus M, Karaoglanoglu M. New and simple technique for iatrogenic femoral artery pseudoaneurysm treatment: Doppler US-guided percutaneous autologous blood injection. Journal of Vascular Access 2012;13(1):124-5
- 34- Algin O**, Ozmen E, Ersoy PE, Karaoglanoglu M. Periapillary localized pancreatic intraepithelial neoplasia-3 (PanIN-3): evaluation with contrast-enhanced MR cholangiography (MRCP). Radiology and Oncology 2011; 45(4): 300-3
- 35- Algin O**, Ozmen E, Ozcan AS, Durmaz S, Karaoglanoglu M. Unusual manifestation of acute retrocecal appendicitis: Pericholecystic fluid. Turkish Journal of Trauma & Emergency Surgery 2011; Doi: 10.5505/tjtes.2013.74508
- 36- Algin O.** Cerebrospinal fluid leakage detection in intracranial hypotension syndrome. Agri 2011; 23(3): 136-7
- 37- Algin O**, Turkbey B, Ozmen E, Algin E. Magnetic resonance enterography findings of chronic radiation enteritis. Cancer Imaging 2011; 11: 189-94

- 38-** Gümüş M, Cay N, **Algin O**, Ipek A, Ersoy RÜ, Belenli O, Uğraş S. Comparison of 21-G and 27-G needles for determining sample adequacy in the aspiration biopsy of thyroid nodules. *Diagn Interv Radiol*. 2012; 18(1): 102-5
- 39-** **Algin O**, Gokalp G, Ocakoglu G, Ursavas A, Taskapilioglu O, Hakyemez B. Neurochemical-structural changes evaluation of brain in patients with obstructive sleep apnea syndrome. *Eur J Radiol*. 2012; 81(3): 491-5
- 40-** **Algin O**, Turkbey B. Intrathecal Gadolinium-Enhanced MR Cisternography: A Comprehensive Review. *American Journal of Neuroradiology (AJNR)* 2012; Doi: 10.3174/ajnr.A2899
- 41-** **Algin O**, Turkbey B. Evaluation of aqueductal stenosis by three-dimensional sampling perfection with application optimized contrasts using different flip-angle evolutions (3D-SPACE) sequence: Preliminary results with 3 Tesla MRI. *American Journal of Neuroradiology (AJNR)* 2012; 33(4): 740-6
- 42-** Akin E, Bolat AD, Buyukasik S, **Algin O**, Selvi E, Ersoy O. Comparison between Capsule Endoscopy and Magnetic Resonance Enterography for the Detection of Polyps of the Small Intestine in Patients with Familial Adenomatous Polyposis. *Gastroenterology Research and Practice* 2012; Doi:10.1155/2012/215028
- 43-** **Algin O**, Ozmen E, Metin MR, Ozcan MF, Sivaslioglu AA, Karaoglanoglu M. Contrast-material enhanced MR urography: Technique and evaluation of postoperative lower urinary tract fistulas and leakages. *Magnetic Resonance Imaging* 2012; 30(5): 734-9
- 44-** **Algin O**, Turkbey B, Ozmen E, Ocakoglu G, Karaoglanoglu M, Arslan H. Evaluation of spontaneous third ventriculostomy by three-dimensional sampling perfection with application-optimized contrasts using different flip-angle evolutions (3D-SPACE) sequence by 3T MR imaging: Preliminary results with variant flip-angle mode. *J Neuroradiol*. 2012; doi:10.1016/j.neurad.2011.12.003
- 45-** **Algin O**, Dogan N, Senturk E, Topal NB. The Diagnostic value of Doppler sonography and 3D gadolinium-enhanced MRA for detecting renal artery stenosis. *Journal of Uludag Univ. Faculty of Medicine*. 2008; 34 (3): 97-102

- 46- Algin O**, Ozlem N, Kilic E, Karaoglanoglu M, Arslan H. Gd-BOPTA enhanced MR cholangiography findings in gall bladder perforation. *Emergency Radiology* 2010; 17(6): 487-91
- 47-** Dogan N, **Algin O**, Erdogan C. The Efficiency of Ultrasound-guided technique in venous catheterization via the internal jugular vein. *Journal of Uludag Univ. Faculty of Medicine*. 2008; 34: 5-8
- 48- Algin O**, Ozmen E, Karaoglanoglu M. The role of MRI in pediatric obstructive hydrocephalus: an update. *Journal of Pediatric Neuroradiology* 2012; 2: 71–80
- 49- Algin O**, Ozmen E. Heavily T2W 3D-SPACE images for evaluation of cerebrospinal fluid containing spaces. *IJRI* 2012; 22(1): 74-5
- 50- Algin O**, Bercin S, Akgunduz G, Turkbey B, Cetin H. Evaluation of labyrinthine fistula by MR cisternography. *Emerg Radiol* 2012; doi:10.1007/s10140-012-1050-3
- 51-** Eryaman Y, Turk EA, Oto C, **Algin O**, Atalar E. Reduction of the radiofrequency heating of metallic devices using a dual-drive birdcage coil. *Magn Reson Med*. 2012; doi: 10.1002/mrm.24316
- 52- Algin O**, Ozmen E, Arslan H. Radiologic Manifestations of Colloid Cysts: A Pictorial Essay. *Can Assoc Radiol J*. 2012; doi: 10.1016/j.carj.2011.12.011
- 53- Algin O**, Evrimler S, Ozmen E, Metin M, Ersoy O, Karaoglanoglu M. Desmoid tumor associated with familial adenomatous polyposis: Evaluation with 64-detector CT enterography. *IJR* 2012; 9(1): 32-6
- 54- Algin O**, Conforti R, Saturnino PP, Ozmen E, Cirillo M, Di Costanzo A, De Cristofaro M, Rotondo M, Sossio C. Giant dilatations of Virchow-Robin spaces in the midbrain MRI aspects and review of the literature. *NRJ Digital-The Neuroradiology Journal* 2012; 2: 569-76
- 55-** Canyiğit M, Cetin L, Uğuz E, **Algin O**, Kucuker A, Arslan H, Şener E. Reduction of iodinated contrast load with the renal artery catheterization technique during endovascular aortic repair. *Diagn Interv Radiol*. 2012; DOI: 10.5152/dir.2012.001

56- Arslan H, Tezcan FM, **Algin O**. Urothelial cancers: clinical and imaging evaluation. Turk J Med Sci 2012; 42 (Sup.2): 1335-64

57- **Algin O**, Evrimler S, Ozmen E, Metin MR, Ersoy O, Karaoglanoglu M. A novel biphasic oral contrast solution for enterographic studies. J Comput Assist Tomogr 2012 (not published yet).

B- International Scientific Presentations:

B1. O. Algin, B. Hakyemez, M. Parlak, 32nd European Society of Neuroradiology Annual Meeting. "Imaging findings of intracranial infections", page: S230, Genoa, Italy, September 2007

B2. O. Algin, B. Hakyemez, M. Parlak, 32nd European Society of Neuroradiology Annual Meeting. "Atypical intracranial infections", page: S229, Genoa, Italy, September 2007

B3. O. Algin, B. Hakyemez, M. Parlak, 33rd European Society of Neuroradiology Annual Meeting. "Morphologic features and flow void phenomenon in normal pressure hydrocephalus and other dementias: Are they really significant?", page: S88, Crockow, Poland, September 2008

B4. O. Algin, B. Hakyemez, M. Parlak, 33rd European Society of Neuroradiology Annual Meeting. "Proton-MR Spectroscopy and white matter hyperintensities in idiopathic normal pressure hydrocephalus and other dementias", page: S88, Crockow, Poland, September 2008

B5. O. Algin, G. Gokalp, Z. Yazici, 46th Annual Meeting of the European Society of Paediatric Radiology (ESPR) Conference. "Phase-contrast cine MR Imaging in evaluation of communication between intraventricular arachnoid cysts and neighbouring CSF spaces in 11 paediatric cases", page: S580, Istanbul, Turkey, May 31-June 4 2009

B6. N. V. Viskusenko, E. Kopanoglu, J. Jezioranski, W. Foltz, **O. Algin**, E. Atalar, Joint Annual Meeting ISMRM-ESMRMB 2010. "Two Channel Interventional Cervix Coil for High Dose Rate Brachytherapy", Stockholm, Sweden, May 2010

B7. Y. Eryaman, B. Akin, C. Oto, **O. Algin**, E. Atalar, ISMRM 19th Annual Meeting & Exhibition Conference. "Reduction of RF Heating of Metallic Devices by Using a Two-Channel Transmit Array System: Application to Arbitrary Lead Geometries", Montreal, Canada, May 2010

B8. **O. Algin**, E. Zan, B. Kalaycioglu, ASNR 48th Annual Meeting & NER Foundation Symposium Conference. "Phase-contrast MR imaging and 3D-CISS vs contrast-enhanced MR cisternography for the evaluation of spontaneous third ventriculostomy", page: 75, Boston, Massachusetts, USA, May 2010

B9. **O. Algin**, B. Akin, H. Arslan, E. Atalar, ESMRMB 2011 Congress. "Morphological assessment of patients with obstructive sleep apnea", page: 72, Leipzig, Germany, October 2011

B10. **O. Algin**, 7th Balkan Congress of Radiology Conference. "Art of radiology (part 1: Still-life)", page: 19, Istanbul, Turkey, November 2009

B11. O. Sarac, **O. Algin**, A. Varan, B. Anlar, T. Kansu. 15th European NF meeting. The size of optic nerve and optic nerve sheath in optic pathway glioma in neurofibromatosis type 1. P. 19, Istanbul, Turkey, September 6-9, 2012

B12. **O. Algin**, 7th Balkan Congress of Radiology Conference. "Art of radiology (part 2: Turtle and aquarium fishes)", page: 19, Istanbul, Turkey, November 2009

C- Scientific speaking:

C1: Turkish Society of Radiology, Division of Ankara, Emergency Radiology Symposium, 11th December 2010, Ankara, Turkey

C2: MRI in CSF disorders, Turkish Society of Magnetic Resonance, 17th MRI Symposium, 25th May 2012, Ankara, Turkey

D- Grants-Research Projects:

D1: Project title and number: Nanotechnological Approaches in Cardiovascular System Diseases Diagnosis and Therapy, 110S181 (Founder: TUBITAK; Budget: 150.000 \$)

D2: Intravascular focused ultrasound system. 1001 project (Founder: TUBITAK; Budget: 200.000 \$).