

Prof. MEHMET AYDIN

Personal Information

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Education Information

Expertise In Medicine, Hacettepe Üniversitesi, Tıp Fakültesi, Nükleer Tıp, Turkey 1995 - 1999

Post Graduate, Hacettepe Üniversitesi, Tıp Fakültesi, Turkey 1988 - 1995

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Expertise In Medicine, Miyokard Perfüzyon Sintigrafisinde Dobutamin İnfüzyonuna Hafif Düzeyde Egzersiz Eklenmesinin Görüntü Kalitesi Üzerine Etkisi, Hacettepe Üniversitesi, Tıp Fakültesi Dahili Bilimler, Nükleer Tıp, 1999

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Nuclear medicine

Academic Titles / Tasks

Professor, Bezmialem Vakıf University, Tıp Fakültesi, Dahili Bilimler, 2013 - Continues

Associate Professor, Bezmialem Vakıf University, Tıp Fakültesi, Dahili Bilimler, 2011 - 2013

Associate Professor, Başkent Üniversitesi, Tıp Fakültesi, Dahili Bilimler, 2009 - 2011

Assistant Professor, Başkent Üniversitesi, Tıp Fakültesi, Dahili Bilimler, 2004 - 2009

Lecturer PhD, Başkent Üniversitesi, Tıp Fakültesi, Dahili Bilimler, 2000 - 2004

Professional Experience

Head of Department, Bezmialem Vakıf University, FACULTY OF MEDICINE, Dahili Bilimler, 2011 - Continues

Advising Theses

AYDIN M., Baş boyun kanseri hastalarında PET/BT'nin uzak malign lezyon tespitinde yerinin araştırılması, Expertise In Medicine, K.KAVAK(Student), 2009

Jury Memberships

Associate Professor Exam, DOÇENTLİK SINAV JÜRİSİ, BEZMİALEM VAKIF ÜNİVERSİTESİ, April, 2016

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Assessment of multifocality and axillary nodal involvement in early-stage breast cancer patients using 18F-FDG PET/CT compared to contrast-enhanced and diffusion-weighted magnetic resonance imaging and sentinel node biopsy**
ERGÜL N., Kadioğlu H., Yıldız S., YUCEL S. B. , Guçin Z., Erdogan E. B. , Aydın M., MUSLUMANOĞLU M.
ACTA RADIOLOGICA, vol.56, pp.917-923, 2015 (Journal Indexed in SCI)
- **Role of F-18-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography in diagnosis and management of pancreatic cancer; comparison with Multidetector Row Computed Tomography, Magnetic Resonance Imaging and Endoscopic Ultrasonography**
ERGUL N., GUNDOGAN C., TOZLU M., TOPRAK H., KADIOĞLU H., Aydın M., CERMIK T. F.
REVISTA ESPANOLA DE MEDICINA NUCLEAR E IMAGEN MOLECULAR, vol.33, pp.159-164, 2014 (Journal Indexed in SCI)
- **Comment on "Analysis of the diastolic function by myocardial perfusion gated SPECT after coronary revascularization in acute myocardial infarction"**
Demir Y., AYDIN M.
REVISTA ESPANOLA DE MEDICINA NUCLEAR E IMAGEN MOLECULAR, vol.33, pp.63, 2014 (Journal Indexed in SCI)
- **Intense FDG Uptake in the Upper and Lower Respiratory System Revealing Wegener's Granulomatosis on PET/CT**
AYDIN M., AKKOYUNLU M. E. , YAKAR F., ERGÜL N., SEZER M.
REVISTA ESPANOLA DE MEDICINA NUCLEAR E IMAGEN MOLECULAR, vol.33, pp.32-35, 2014 (Journal Indexed in SCI Expanded)
- **FDG PET/CT findings in rare sarcomas**
ERGÜL N., AYDIN M.
REVISTA ESPANOLA DE MEDICINA NUCLEAR E IMAGEN MOLECULAR, vol.32, pp.324-327, 2013 (Journal Indexed in SCI)
- **Autoamputation of breast caused by invasive ductal carcinoma**
ERGUL N., Kadioğlu H., S Y., Başkaya Y., AYDIN M.
REVISTA ESPANOLA DE MEDICINA NUCLEAR E IMAGEN MOLECULAR, vol.32, pp.199-200, 2013 (Journal Indexed in SCI)
- **Appearance of thoracic aortic aneurysm on myocardial perfusion imaging**
AYDIN M., Ergul N.
REVISTA ESPANOLA DE MEDICINA NUCLEAR E IMAGEN MOLECULAR, vol.32, pp.119-120, 2013 (Journal Indexed in SCI)
- **Comparison of standardized uptake values obtained from two- and three-dimensional modes of fluorine-18 fluorodeoxyglucose PET-CT in oncological cases**
KOCABAS B., Yapar A. F. , Reyhan M., Aktas A., Aydın M., Gencoglu E. A.
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.19, pp.126-129, 2013 (Journal Indexed in SCI)
- **Intense FDG Uptake around the Inguinal Surgical Mesh 5 Years after Operation: Case Report and Review of the Literature.**
BAHÇECİ T., NURSAL G., Aydın M.
Molecular imaging and radionuclide therapy, vol.21, pp.35-7, 2012 (Journal Indexed in SCI Expanded)
- **EFFICACY OF RADIOIODINE TREATMENT IN SUBCLINICAL HYPERTHYROIDISM**
Yapar A. F. , REYHAN M., Aydın M., Sukan A.
ACTA ENDOCRINOLOGICA-BUCHAREST, vol.8, pp.77-85, 2012 (Journal Indexed in SCI)
- **Somatostatin Receptor Scintigraphy Findings in a Patient with Metastatic Gastrinoma and MEN 1 Syndrome.**
MÜTEVELZADE G., Aydın M., SEZER A.
Molecular imaging and radionuclide therapy, vol.20, pp.117-20, 2011 (Journal Indexed in SCI Expanded)
- **Diffuse splenic F-18 FDG uptake in visceral leishmaniasis.**
YAPAR A., REYHAN M., KOCER N., Aydın M., NURSAL G.
Clinical nuclear medicine, vol.36, pp.1041-3, 2011 (Journal Indexed in SCI Expanded)
- **Myocardial perfusion SPECT and dobutamine stress tissue Doppler imaging in evaluation of patients**

with stable angina pectoris

Yalcin H., Aktas A., Erol T., Yapar A. F. , Aydin M., Savas N., Yalcin F., Muderrisoglu H.

ANATOLIAN JOURNAL OF CARDIOLOGY, vol.10, pp.334-339, 2010 (Journal Indexed in SCI)

• **FDG-PET/CT Imaging-Based Target Volume Delineation for Preoperative Conformal Radiotherapy of Rectal Carcinoma**

Yavuz M. N. , Topkan E., Yavuz A. A. , Aydin M., Onal C., Reyhan M., Kotek A., Pehlivan B., Yapar A. F.

UHOD-ULUSLARARASI HEMATOLOJI-ONKOLOJI DERGISI, vol.20, pp.67-74, 2010 (Journal Indexed in SCI)

• **The value of F-18-fluorodeoxyglucose positron emission tomography/computed tomography in carcinoma of an unknown primary: diagnosis and follow-up**

Yapar Z., KIBAR M., YAPAR A. F. , PAYDAŞ S., REYHAN M., Kara O., BUYUKDERELI G., Aydin M., KELLE A. P. , ÜNAL İ., et al.

NUCLEAR MEDICINE COMMUNICATIONS, vol.31, pp.59-66, 2010 (Journal Indexed in SCI)

• **Comparison of SUV values obtained from PET/CT Imaging done on 2D and 3D modes in oncological cases**

Kocabas B., Yapar A. F. , Reyhan M., Aktas A., Aydin M., Gencoglu E. A.

EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, 2009 (Journal Indexed in SCI)

• **Detection of Distant Metastases and Second Primary Tumors with FDG PET/CT in Head and Neck Cancer**

Kavak K., Aydin M., Yapar A., Reyhan M., Nursal G., Aktas A.

EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, 2009 (Journal Indexed in SCI)

• **Pre-treatment FDG Standardized Uptake Value as a Prognostic Factor in Head and Neck Cancer**

Kavak K., Aydin M., Yapar A., Reyhan M., Nursal G., Aktas A.

EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, 2009 (Journal Indexed in SCI)

• **Unusual urethral F18-FDG accumulation on PET/CT.**

KAVAK K., Aydin M.

Clinical nuclear medicine, vol.34, pp.57-8, 2009 (Journal Indexed in SCI Expanded)

• **Comparison of CT and PET-CT based planning of radiation therapy in locally advanced pancreatic carcinoma**

Topkan E., Yavuz A. A. , Aydin M., Onal C., Yapar F., Yavuz M. N.

JOURNAL OF EXPERIMENTAL & CLINICAL CANCER RESEARCH, vol.27, 2008 (Journal Indexed in SCI)

• **Generalized chorea associated with nonketotic hyperglycemia - Cerebral MRI and SPECT findings**

YERDELEN D., KARATAS M., Aydin M.

NEUROSURGERY QUARTERLY, vol.18, pp.72-73, 2008 (Journal Indexed in SCI)

• **Preoperative evaluation of hyperparathyroidism: the role of dual-phase parathyroid scintigraphy and ultrasound imaging**

SUKAN A., REYHAN M., Aydin M., YAPAR A. F. , Sert Y., Canpolat T., AKTAS A.

ANNALS OF NUCLEAR MEDICINE, vol.22, pp.123-131, 2008 (Journal Indexed in SCI)

• **Tc-99m(V)-DMSA SPECT for the assessment of disease activity in Graves' ophthalmopathy**

REYHAN M., TOYGAR O., SUKAN A., SEYDAOGLU G., BAKINER O. S. , Aydin M., YAPAR A. F. , AKTAS A.

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• **Ventilation-perfusion mismatch secondary to arterial bullet embolism.**

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Clinical nuclear medicine, vol.32, pp.330-2, 2007 (Journal Indexed in SCI Expanded)

• **Gated SPECT findings revealing diastolic dysfunction in acute hypothyroidism**

AYDIN M., REYHAN M., SUKAN A., YAPAR A. F. , AKTAS A.

CLINICAL NUCLEAR MEDICINE, vol.32, pp.94-100, 2007 (Journal Indexed in SCI)

• **Prognostic value of stress-only myocardial perfusion imaging in diabetic patients**

Aydin M., Yapar A. F. , Reyhan M., Sukan A.

EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.33, 2006 (Journal Indexed in SCI)

- **The significance of duodenogastric bile reflux seen during hepatobiliary scintigraphy**
Aydin M., Gumurdulu Y., Yapar A. F. , Reyhan M., Sukan A., Serin E.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.33, 2006 (Journal Indexed in SCI)
- **Tc-99m V-DMSA SPECT for the diagnosis of active Graves' ophthalmopathy**
Reyhan M., Bakiner O. S. , Toygar O., Sukan A., Aydin M., Yapar A. F.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.33, 2006 (Journal Indexed in SCI)
- **The effects of antithyroid therapy for the cardiac functions in subclinical and overt hyperthyroidism**
Sukan A., Tekin A., Tekin O., Bakiner O. S. , Aydin M., Reyhan M., Yapar A. F.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.33, 2006 (Journal Indexed in SCI)
- **Gated myocardial perfusion SPECT for the investigation of silent myocardial ischemia and cardiac function in middle-aged women with subclinical hypothyroidism**
Reyhan M., Bakiner O. S. , Aydin M., Sukan A., Yapar A. F.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.33, 2006 (Journal Indexed in SCI)
- **Comparison of left ventricular volumes and ejection fraction obtained from intracoronary Tc-99m MAA and intravenous Tc-99m MIBI gated SPECT in patients with impaired cardiac function**
Aydin M., Yapar A. F. , Baltali M., Reyhan M., Sukan A.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.33, 2006 (Journal Indexed in SCI)
- **Lymphoscintigraphic appearance of scrotal lymphatic reflux in a patient with idiopathic genital lymphedema.**
SUKAN A., YAYCIOGLU O., Aydin M., YAPAR A., KIZILKILIC O., REYHAN M.
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- **Prognostic Value of Normal Stress SPECT Myocardial Perfusion Scintigraphy in Diabetic Patients With No Known Coronary Artery Disease**
Yapar A. F. , Aydin M., Reyhan M., Sukan A.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.32, 2005 (Journal Indexed in SCI)
- **Does Bone Scintigraphy has a Role in Differentiating Early Phase Avascular Necrosis of Femoral Head from Transient Osteoporosis**
Aydin M., Ozalay M., Yapar A. F. , Reyhan M., Pourbagher A., Sukan A.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.32, 2005 (Journal Indexed in SCI)
- **Factors Influencing Quantitative Sacroiliac Joint Index: Age, Gender, Laterality, Childbirth, Body Mass Index**
Reyhan M., Sukan A., Yapar A. F. , Aydin M.
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- **Evaluation of Effects of Short-term Hypothyroidism on Cardiac Diastolic Functions with Gated SPECT**
Aydin M., Reyhan M., Yapar A. F. , Sukan A.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.32, 2005 (Journal Indexed in SCI)
- **Prognostic Value of Normal Stress SPECT Myocardial Perfusion Scintigraphy After Myocardial Revascularization in Diabetic Patients**
Yapar A. F. , Aydin M., Reyhan M., Sukan A.
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- **Hyperthyroidism in the Elderly: Factors Affect the Outcome of Radioiodine Therapy**
Aydin M., Yapar A. F. , Sukan A., Reyhan M.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.32, 2005 (Journal Indexed in

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- **Subclinical Hyperthyroidism: The Efficacy of Radioiodine Therapy**

Yapar A. F. , Aydin M., Reyhan M., Sukan A.

EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.32, 2005 (Journal Indexed in SCI)

- **Preoperative evaluation of hyperparathyroidism: the role of parathyroid scintigraphy and ultrasound imaging**

Sukan A., Reyhan M., Aydin M., Yapar F. A.

EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.32, 2005 (Journal Indexed in SCI)

- **Sonographic diagnosis of a tracheal extramedullary plasmacytoma.**

REYHAN M., TERCAN F., ERGIN M., SUKAN A., AYDIN M., YAPAR A.

Journal of ultrasound in medicine : official journal of the American Institute of Ultrasound in Medicine, vol.24, pp.1031-4, 2005 (Journal Indexed in SCI Expanded)

- **Ventilation-perfusion mismatch resulting from an aberrant systemic arterial supply to Basal segments of the right lung.**

YAPAR A., Aydin M., KILIC D., REYHAN M., TERCAN F., SUKAN A.

Clinical nuclear medicine, vol.30, pp.521-2, 2005 (Journal Indexed in SCI Expanded)

- **Scintigraphic findings in osteoarticular brucellosis**

AYDIN M., YAPAR A. F. , SAVAS L., REYHAN M., POURBAGHER A., TURUNÇ T., DEMİROĞLU Y. Z. , YOLOGLU N., AKTAS A.

NUCLEAR MEDICINE COMMUNICATIONS, vol.26, pp.639-647, 2005 (Journal Indexed in SCI)

- **Simultaneous visualization of a mandibular brown tumor with a large parathyroid adenoma on Tc-99m MIBI imaging.**

YAPAR A., Aydin M., REYHAN M., BAL N., YAPAR Z., YOLOGLU N.

Clinical nuclear medicine, vol.30, pp.433-5, 2005 (Journal Indexed in SCI Expanded)

- **Gastroesophageal scintigraphy in children: a comparison of posterior and anterior imaging**

REYHAN M., YAPAR A. F. , AYDIN M., SUKAN A.

ANNALS OF NUCLEAR MEDICINE, vol.19, pp.17-21, 2005 (Journal Indexed in SCI)

- **The conditions for which the geometric mean method revealed a more accurate calculation of relative renal function in Tc-99m-DMSA scintigraphy**

Yapar A., Aydin M., Reyhan M., Yapar Z., Sukan A.

NUCLEAR MEDICINE COMMUNICATIONS, vol.26, pp.141-146, 2005 (Journal Indexed in SCI)

- **Scintigraphic diagnosis of jejunoileal duplication.**

REYHAN M., Aydin M., YAPAR A., BAL N., EKER D.

Clinical nuclear medicine, vol.30, pp.66-8, 2005 (Journal Indexed in SCI Expanded)

- **Diffuse splenic Tc-99m MDP uptake in hypersplenic patient.**

YAPAR A., Aydin M., REYHAN M.

Annals of nuclear medicine, vol.18, pp.703-5, 2004 (Journal Indexed in SCI Expanded)

- **Assessment of the optimal time interval and background region of interest in the measurement of differential renal function in Tc-99m-EC renography.**

YAPAR A., Aydin M., REYHAN M., YAPAR Z., YOLOGLU N.

Annals of nuclear medicine, vol.18, pp.419-25, 2004 (Journal Indexed in SCI Expanded)

- **Atypical carcinoid tumor detected incidentally on Ttc-99m sestamibi myocardial perfusion scintigraphy.**

REYHAN M., Aydin M., YAPAR A., BOLAT F., TERCAN F.

Clinical nuclear medicine, vol.29, pp.129-31, 2004 (Journal Indexed in SCI Expanded)

- **Silent coronary artery disease in patients with type 2 diabetes mellitus.**

GOKCEL A., Aydin M., YALCIN F., YAPAR A., ERTORER M., OZSAHIN A., MUDERRISOGLU H., AKTAS A., GUVENER N. H. , AKBABA M.

Acta diabetologica, vol.40, pp.176-80, 2003 (Journal Indexed in SCI Expanded)

- **The Impact of B(12) Treatment on Gastric Emptying Time in Patients with Helicobacter Pylori Infection**

GÜMÜRDÜLÜ Y., SERİN E., ÖZER B., AYDIN M., YAPAR A. F. , KAYASELÇUK F., YILMAZ U., BOYACIOĞLU S.

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 OZERDEN O., ANLATIÇI R., SEN O., YILDIRIM T., BIRCAN S., Aydin M.
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- **The comparison of relative renal functions in Tc-99m DMSA scintigraphy measured from posterior views and geometric mean**
 Yapar A., Aydin M., Yologlu N., Yalcin H., Yapar Z.
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 Aydin M., Yapar A., Yologlu N., Yalcin H.
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- **Hepatobiliary scintigraphy to detect duodenogastric reflux - Intravenous administration of Tc-99m pertechnetate to define the location of the stomach**
 AYDIN M., YAPAR A. F. , YAPAR Z.
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- **Scintigraphic evaluation of impaction grafting for total hip arthroplasty revision**
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 ANNALS OF PLASTIC SURGERY, vol.43, pp.471-475, 1999 (Journal Indexed in SCI)
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- **Accumulation of Tc-99m-cysteine in experimental inflammatory lesions in comparison to Tc-99m-glutamine and Tc-99m-HIG**
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Articles Published in Other Journals

- **Synchronous Hepatocellular Carcinoma and Cholangiocellular Carcinoma on F-18-FDG PET/CT**

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Book & Book Chapters

- **in: Radyofarmasötiklerin Üretiminde ve Klinik Kullanımında Radyasyon Korunması**

Erdoğan E. B. , Aydın M.

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- **in: Pulmoner Nodüllere Yaklaşım**

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- **Line Length Feature of the Electrogastrogram for Delayed Gastric Emptying Diagnosis**

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- **Correlation Analyses of Electrogastrography and Gastric Emptying Test Result**

al Kafee A., Okkesim S., Yıldırım I., Kayar Y., AYDIN M., Danalioglu A.

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- **Role of 18F-FDG PET/CT in Diagnosis and Management of Pancreatic Cancer; Comparison with MDCT, MRI and Endoscopic Ultrasonography**

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- **Paratiroid karsinomu ve PET CT**

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35. Türkiye Endokrinoloji ve Metabolizma Hastalıkları Kongresi, Turkey, 15 - 19 May 2013

- **Comparison of CT-guided and PET-CT guided radiotherapy planning in patients with rectum cancer treated preoperatively**

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