

Assoc. Prof. GÜLGÜN BÜYÜKDERELİ

Personal Information

Email: gulgunb@cu.edu.tr

Web: <https://avesis.cu.edu.tr//gulgunb>

Education Information

Post Doctorate, Cukurova University, Dahili Tıp Bilimleri, Nükleer Tıp, Turkey 1992 - Continues

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Nuclear medicine

Academic Titles / Tasks

Associate Professor, Cukurova University, Dahili Tıp Bilimleri, Nükleer Tıp, 2007 - Continues

Associate Professor, Cukurova University, Dahili Tıp Bilimleri, Nükleer Tıp, 2007 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Interobserver and Intraobserver Variability among Measurements of FDG PET/CT Parameters in Pulmonary Tumors**
BÜYÜKDERELİ G., GULER M., SEYDAOĞLU G.
BALKAN MEDICAL JOURNAL, vol.33, no.3, pp.308-315, 2016 (SCI-Expanded)
- II. **Role of 18F-fluorodeoxyglucose Positron Emission Tomography/Computed Tomography in the Evaluation of Cytologically Indeterminate Thyroid Nodules**
BÜYÜKDERELİ G., AKTAR Y., KARA E., UĞUZ A., SÖNMEZ H.
IRANIAN JOURNAL OF RADIOLOGY, vol.13, no.1, 2016 (SCI-Expanded)
- III. **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., Aydın M., Kelle A. P., Ünal İ., et al.
NUCLEAR MEDICINE COMMUNICATIONS, vol.31, pp.59-66, 2010 (SCI-Expanded)
- IV. **Effectiveness of Radiosynovectomy in Hemophilic Synovitis**
POLAT A., BÜYÜKDERELİ G., SASMAZ İ., SARGIN O., ÖZKAN C., Kibar M., ANTMEN B.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, 2009 (SCI-Expanded)
- V. **Role of technetium-99m N,N-ethylenedicysteine renal scintigraphy in the evaluation of differential renal function and cortical defects**
Büyükdereh G., Guney I.
CLINICAL NUCLEAR MEDICINE, vol.31, no.3, pp.134-138, 2006 (SCI-Expanded)
- VI. **Tc-99m MIBI uptake in traumatic vertebral fractures and metastatic vertebral lesions: Comparison with Tc-99m MDP**
Buyukdereli G., Erman T., Kara O., Kibar M.
ADVANCES IN THERAPY, vol.23, no.1, pp.33-38, 2006 (SCI-Expanded)

- VII. **Effectiveness of diuretic injection on the measurement of differential renal function using Tc-99m DMSA in patients with a dilated renal pelvis**
BUYUKDERELI G., GUNAY I., Seydaoglu G.
CLINICAL NUCLEAR MEDICINE, vol.30, no.11, pp.721-724, 2005 (SCI-Expanded)
- VIII. **Thyroid hemiagenesis: a report of three cases and review of the literature**
Buyukdereli G., Guney I., Kibar M., Kınacı C.
ANNALS OF NUCLEAR MEDICINE, vol.19, no.2, pp.147-150, 2005 (SCI-Expanded)
- IX. **Washout rates of Tc-99m tetrofosmin in asymmetric septal hypertrophy**
Buyukdereli G., Kanadasi M., Kibar M.
ANNALS OF NUCLEAR MEDICINE, vol.19, no.1, pp.29-33, 2005 (SCI-Expanded)
- X. **Lung herniation evident on lung perfusion images**
Buyukdereli G., Kibar M., Soyupak S.
CLINICAL NUCLEAR MEDICINE, vol.25, no.12, pp.1061, 2000 (SCI-Expanded)
- XI. **The detection of vesicoureteral reflux in a nonfunctioning kidney on a Tc-99m DTPA renal function study**
KIBAR M., Dogruca Z., BÜYÜKDERELİ G., Noyan A., Onsel C.
Clinical Nuclear Medicine, vol.23, no.2, pp.108, 1998 (SCI-Expanded)

Articles Published in Other Journals

- I. **Lymphocytic thyroiditis simulating thyroid cancer biochemically, radiologically and pathologically**
IŞIK u., GÖKÇAY S., ŞİMŞEK M., PAYDAŞ S., BÜYÜKDERELİ G., UĞUZ A. H.
Journal of Oncological Sciences, vol.4, pp.114-115, 2018 (Peer-Reviewed Journal)
- II. **Evaluation of visible physiological F 18 FDG uptake patterns in spinal cord on PET CT**
BÜYÜKDERELİ G., KARA E., Güler M., kanat n.
Neurosurgery Quaterly, vol.25, no.3, pp.403-406, 2015 (Peer-Reviewed Journal)
- III. **Meme kanserlerinde lenfosintigrafi sentinel lenf nodu tespiti ve intraoperatif gamma probe uygulaması**
GÜNEY İ. B., BÜYÜKDERELİ G., KIBAR M.
Çukurova Üniversitesi Tıp Fakültesi Arşiv Kaynak Dergisi, vol.14, no.3, pp.416-429, 2005 (Peer-Reviewed Journal)
- IV. **Technetium-99m-MIBI Uptake in Bone Metastases; A Comparative Study with Technetium-99m-MDP**
Buyukdereli G., Kara O., Kibar M., Şahin B.
J Women s Imaging, vol.7, no.2, pp.65-70, 2005 (Peer-Reviewed Journal)
- V. **Evaluation of differential renal function with Tc 99m DMSA and Tc 99m DTPA renal scintigraphies**
BÜYÜKDERELİ G., NURSAL G. N.
Çukurova Üniversitesi Sağlık Bilimleri Dergisi, vol.21, pp.21-25, 2005 (Peer-Reviewed Journal)
- VI. **Bone Scan Findings of Sacrococcygeal Chordoma and Uterine Leiomyoma**
Buyukdereli G., Guney I., Kibar M.
Journal of Women's Imaging, vol.6, no.4, pp.171-174, 2004 (Peer-Reviewed Journal)
- VII. **Bone scan findings of sacrococcygeal chordoma and uterine leimyoma**
Buyukdereli G., Güney İ. B., Kibar M.
JOURNAL OF WOMEN'S IMAGING, vol.6, no.4, pp.171-174, 2004 (Peer-Reviewed Journal)
- VIII. **Çocuklarda diferansiyel renal fonksiyonun DMSA sintigrafisi ile hesaplanması planar posterior ve geometrik ortalama metodlarının karşılaştırılması**
BÜYÜKDERELİ G., NURSAL G. N.
Çukurova Üniversitesi Sağlık Bilimleri Dergisi, vol.20, pp.47-51, 2004 (Peer-Reviewed Journal)
- IX. **Koronar arter hastalığında serum insulin dehidroepiandrosteron sulfat growth hormon ve insulin like growth faktör 1 seviyeleri**
BÜYÜKDERELİ G., BOZKURT A., SARGIN Ö.
Çukurova Üniversitesi Tıp Fakültesi Dergisi, vol.29, pp.35-42, 2004 (Peer-Reviewed Journal)

- X. **Hydrocele detected during bone scintigraphy**
BÜYÜKDERELİ G., GÜNEY İ. B., ESRA K., NURSAL G. N.
Turkish Journal of Nuclear Medicine, vol.12, no.4, pp.170-172, 2003 (Peer-Reviewed Journal)
- XI. **Incisional hernia detected on renal scan**
Büyükdere G., Kibar M.
Turkish Journal of Nuclear Medicine, vol.12, pp.112-113, 2003 (Peer-Reviewed Journal)
- XII. **Presentation of unusually dilated left extrarenal pelvis mimicking dilatation of left ureter**
BÜYÜKDERELİ G., TUNCER R., SARGIN Ö.
Turkish Journal of Nuclear Medicine, vol.11, pp.155-157, 2002 (Peer-Reviewed Journal)
- XIII. **A new method for ultrasonographic determination of ascitic volume**
SERİN E., BÜYÜKDERELİ G., ÇOLAKOĞLU S., SARGIN Ö.
Annals of Medical Sciences, vol.8, pp.58-62, 1999 (Peer-Reviewed Journal)
- XIV. **Miyokard perfüzyon sintigrafisinde diyastol sonu görüntülerin değerlendirilmesi**
BÜYÜKDERELİ G., SARGIN Ö., BOZKURT A., USAL A.
Turkish Journal of Nuclear Medicine, vol.8, pp.119-129, 1999 (Peer-Reviewed Journal)
- XV. **Aynı hastanın kaptoprilli renografisinde iki farklı sonuç**
BÜYÜKDERELİ G., SARGIN Ö., PAYDAŞ S.
Çukurova Üniversitesi Tıp Fakültesi Dergisi, vol.23, pp.230-232, 1998 (Peer-Reviewed Journal)
- XVI. **Gated technetium 99m tetrofosmin SPECT in differentiation artifact from infarct**
KİBAR M., DOĞRUCA Z., KABASAKAL L., BÜYÜKDERELİ G., USAL A., ŞAN M., ÖNSEL Ç.
Turkish Journal of Nuclear Medicine, 1997 (Peer-Reviewed Journal)
- XVII. **Tc-99m Tetrofosmin Myocardial SPECT Imaging in the Evaluation of Coronary Artery Disease**
KİBAR M., Büyükdere G., DOĞRUCA YAPAR Z., KABASAKAL L., USAL A., ÖNSEL Ç.
Turkish J Nucl Med, vol.6, no.3, pp.166-173, 1997 (Peer-Reviewed Journal)
- XVIII. **Gated Technetium-99m-tetrofosmin SPECT in Differentiation Artifact from Myocardial Infarct.**
KİBAR M., USAL A., ÖNSEL Ç., Büyükdere G., KABASAKAL L., DOĞRUCA YAPAR Z., ŞAN M.
Turkish J Nucl Med, vol.6, no.3, pp.153-161, 1997 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Tüm vücut taramada diffüz karaciğer tutulumunun klinik önemi**
Özbay P., YAPAR Z., BÜYÜKDERELİ G., Güler M., Kelle A.
Ulusal Nükleer Tıp Kongresi, Turkey, 1 - 03 January 2015, vol.1, pp.26
- II. **Multisentrik Castleman hastalıklı olguda F 18 FDG PET BT nin tanısal değeri ve hasta yönetimine katkısı**
TÜMKAYA E., BÜYÜKDERELİ G., PAYDAŞ S., KILIÇ BAĞIR E.
XXVII. Ulusal Nükleer Tıp Kongresi, Turkey, 1 - 03 January 2015, vol.1, pp.38
- III. **Effects of radiation synovectomy in the hemophilic joints as evidenced by MRI**
POLAT A., BÜYÜKDERELİ G., Sasmaz I., Sargin O., ÖZKAN C., Kibar M., Antmen B., Bicakci K.
23rd Annual Congress of the European-Association-of-Nuclear-Medicine (EANM), Vienna, Austria, 9 - 13 October 2010, vol.37
- IV. **Technetium-99m-tetrofosmin SPECT in Differentiation Artifact from Myocardial Infarct**
KİBAR M., DOĞRUCA YAPAR Z., KABASAKAL L., BÜYÜKDERELİ G., USAL A., ŞAN M., ÖNSEL Ç.
European Association of Nuclear Medicine Congress, Glasgow, United Kingdom, 23 - 27 August 2007, vol.24, no.8, pp.970
- V. **Effectiveness of diuretic injection on the measurement of differential renal function using Tc 99m DMSA in patients with dilated renal pelvis**
BÜYÜKDERELİ G., GÜNEY İ. B., SEYDAOĞLU G.
Australian and New Zealand Society of Nuclear Medicine 35th Annual Scientific Meeting, 30 April - 02 May 2005
- VI. **Bone scintigraphy and viability of vascularized bone grafts**

BÜYÜKDERELİ G., GÜNEY İ. B., GÖKHAN Ö., KESİKTAŞ E.

Australian and New Zeland Society of Nuclear Medicine 35th Annual Scientific Meeting, 30 April - 02 May 2005

VII. **Bone scintigraphy in patients with breast cancer**

BÜYÜKDERELİ G., GÜNEY İ. B., KARA İ. O.

Australian and New Zeland Society of Nuclear Medicine 35th Annual Scientific Meeting, 30 April - 02 May 2005

VIII. **Role of Technetium 99m N N ethylenedicysteine renal scintigraphy in the evaluation of diferantial renal function and cortical defects**

BÜYÜKDERELİ G., GÜNEY İ. B.

Australian and New Zeland Society of Nuclear Medicine 35th Annual Scientific Meeting, 30 April - 02 May 2005

IX. **Tc-99m MIBI findings of acute vertebral fractures in traumatic patients: Preliminary results**

Buyukdereli G., Erman T., Kara O., Kibar M.

Annual Congress of the European-Association-of-Nuclear-Medicine, Helsinki, Finland, 4 - 08 September 2004, vol.31

X. **Demonstration of vesicorectal fistula on renal scintigraphy**

BÜYÜKDERELİ G., GÜNEY İ. B.

6th international congress of nuclear oncology ant 17th national congress of turkish society of nuclear medicine, 1 - 05 May 2004

XI. **Hydrocell detected during bone scintigraphy**

BÜYÜKDERELİ G., GÜNEY İ. B., ESRA K., NURSAL G. N.

6th international congress of nuclear oncology ant 17th national congress of turkish society of nuclear medicine, 1 - 05 May 2004

XII. **Hemiagenesis of the thyroid gland with toxic multinodüler goiter**

BÜYÜKDERELİ G., GÜNEY İ. B.

6th International Congress of Nuclear Oncology 17th National Congress of Turkish Society of Nuclear Medicine, 1 - 05 May 2004

XIII. **Bone scan findings of sacrococcygeal chordoma and uterine leimyoma**

BÜYÜKDERELİ G., GÜNEY İ. B., KİBAR M.

6th international congress of nuclear oncology ant 17th national congress of turkish society of nuclear medicine, İzmir, Turkey, 1 - 05 May 2004

XIV. **Excisional Hernia Detected on Renal Scan. XVI. Ulusal Nükleer Tıp Kongresi**

Buyukdereli G., KİBAR M.

Turkish Journal of Nuclear Medicine, Samsun, Turkey, 10 - 14 May 2003, vol.12, no.1, pp.54

XV. **Asimetrik Septal Hipertrofi ve Artmış Tc-99m Tetrafosmin Temizlenme Hızı**

Buyukdereli G., Kanadaşı M., Kibar M., Sargin Ö.

XVI. Ulusal Nükleer Tıp Kongresi, Samsun, Turkey, 10 - 14 May 2003, vol.12, no.1, pp.35

XVI. **Tc-99m EC Sintigrafisinde Tespit Edilen Eksizyonel Herni Vakası**

BÜYÜKDERELİ G., KİBAR M.

XVI. Ulusal Nükleer Tıp Kongresi, Samsun, Turkey, 10 - 14 May 2003, vol.12, no.1, pp.69

XVII. **Kemik Sintigrafisi Sırasında Tespit Edilen İnguinal Herni.**

Buyukdereli G., KİBAR M.

XVI. Ulusal Nükleer Tıp Kongresi, Samsun, Turkey, 10 - 14 May 2003, vol.12, no.1, pp.55

XVIII. **Tc-99m DTPA ve Tc-99m DMSA Sintigrafilerinde Kros Renal Ektopi Tanısı.**

Buyukdereli G., KİBAR M.

XVI. Ulusal Nükleer Tıp Kongresi, Sakarya, Turkey, 10 - 14 May 2003, vol.12, no.1, pp.70

XIX. **Metastazlarını Değerlendirmede Tc-99m-MİBİ Sintigrafinin Rolü**

ŞAHİN B., Buyukdereli G., KİBAR M., Kara O.

XV. Ulusal Kanser Kongresi, Antalya, Turkey, 23 - 27 April 2003, no.0, pp.66

XX. **Increased washout rates of technetium 99m tetrafosmin in asymmetric septal hypertrophy**

BÜYÜKDERELİ G., KANADAŞI M., KİBAR M., SARGIN Ö., ACARTURK E.

Annual Congress of the European Association of Nuclear Medicine, 1 - 03 February 2003

XXI. **Technetium 99m MIBI uptake in bone metastases A comparative study with technetium 99m MDP**

BÜYÜKDERELİ G., KİBAR M., KARA İ. O., ŞAHİN B.

Annual Congress of the European Association of Nuclear Medicine, 1 - 03 January 2003

XXII. **Postoperatif Dönemde Ödem Gelişen ve Gelişmeyen Serbest Flep Olgularında Lenfosintigrafi Sonuçları.**

Buyukdereli G., ARSLAN E., DEMİRKAN F., GÜRBÜZ O., ÜNAL Ş., KİBAR M.

. 24. Ulusal Türk Plastik Rekonstrüktif ve Estetik Cerrahi Derneği Kongresi, Ankara, Turkey, 18 - 20 October 2002, no.0, pp.32-33

XXIII. **Gated technetium 99m tetrofosmin SPECT in differentiation artifact from infarct**

KİBAR M., DOĞRUCA Z., KABASAKAL L., BÜYÜKDERELİ G., USAL A., ŞAN M., ÖNSEL Ç.

Annual Congress of the European Association of Nuclear Medicine, 1 - 03 January 1997, vol.24, pp.970

Supported Projects

GÜNEY İ. B., DOĞRUCA YAPAR Z., BÜYÜKDERELİ G., Project Supported by Higher Education Institutions, SPECT/BT Hepatik Arter Perfüzyon Sintigrafisindeki Perfüzyon Paterni ile Y-90 Mikroküre Tedavisine Cevap Arasındaki İlişki, 2015 - 2017

Metrics

Publication: 56

Citation (WoS): 53

Citation (Scopus): 61

H-Index (WoS): 5

H-Index (Scopus): 5

Non Academic Experience

Saint Vincents Hospital and Medical Center, Academic Medical Center of New York Medical College, Valhalla, New York, USA