



Turkish Thoracic Society

Volume 7 | Number 2 | August 2006

ISSN 1302-7786

# Turkish Respiratory Journal

[www.turkishrespiratoryjournal.com](http://www.turkishrespiratoryjournal.com)

An Official Journal of Turkish Thoracic Society

## ORIGINAL ARTICLES

Cardiopulmonary Exercise Testing in the Early Diagnosis of COPD

A Comparison of Arterial Oxygen Saturation, Pulse Oxymetry, Arterial Blood Gase Analyser

The Aeroallergen Sensitivity of Asthmatic Patients in Şanlıurfa

High-resolution Computed Tomography Findings in Arc-welders

Best treatment, Stage III, Resectable, NSCLC

Talc Systemic Inflammation

Prone Position and ARDS

Chronic Granulomatous Disease

## CASE REPORTS

Post-pneumectomy Spontaneous Pneumothorax

Synchronous Bilateral Pneumothorax, Tracheostomy

A Case with Multiple Localizations of Tuberculosis Infection

Pneumomediastinum, Subcutaneous Emphysema, Systemic Sclerosis

Persistent Cough due to Underestimated Ascending Aortic Aneurysm

Desmoplastic Fibroma, Rib

Primary Pulmonary Malt Lymphoma



# Turkish Respiratory Journal

An Official Journal of Turkish Thoracic Society  
YEREL SÜRELİ YAYIN ISSN 1302-7786

## Editors

**Prof. Abdullah Sayiner**

Ege University Faculty of Medicine, Department of Chest Diseases, 35100 Bornova, İzmir, Turkey  
Phone: +90 232 388 1423, Fax: +90 232 342 8525  
E-mail: asayiner@med.ege.edu.tr  
pulcritmed@superonline.com

**Prof. Oya İtil**

Dokuz Eylül University Faculty of Medicine, Department of Chest Diseases, İzmir, Turkey  
Phone: +90 232 278 5476

## Assistant Editors

**Tuncay Göksel, Pınar Çelik, Sait Karakurt**

## Editorial Board

**Turgay Çelikel, Kemal Tahaoğlu, Deniz Doğru, Rifat Özacar, Sevim Bavbek, Sevda Özdoğan**

**Biostatistics Consultant: Gül Ergör**

## Mailing Address

Türk Toraks Derneği, Turkish Respiratory Journal Editörlüğü, Ege Üniversitesi Tıp Fakültesi, Göğüs Hastalıkları Anabilim Dalı, 35100 Bornova, İzmir, Türkiye  
Tel: +90 232 388 1423, Fax: +90 232 342 8525  
E-mail: trj@med.ege.edu.tr

## Ownership

**Prof. Ali Kocabaş**, for Turkish Thoracic Society

## Managing Editor

**Prof. Lütfi Çöplü**

## © Turkish Thoracic Society

Turan Güneş Bulvarı 175/19 Oran, Ankara  
Tel: +90 312 490 4050, Faks: +90 312 490 4142  
E-mail: toraks@toraks.org.tr  
Website: www.toraks.org.tr

## Publishing services

BAYT Bilimsel Araştırmalar Basın Yayın ve Tanıtım Ltd. Şti.  
Ziya Gökalp Cad. 30/31, 06420 Kızılay, Ankara  
Tel: +90 312 431 3062, Faks: +90 312 431 3602  
E-mail: info@bayt.com.tr  
Website: www.bayt.com.tr

## Printed at

Miki Matbaacılık San. ve Tic. Ltd. Şti.  
Matbaacılar Sitesi 560. Sk. No: 27, İvedik, Ankara  
Tel. +90 312 395 2128

Baskı Tarihi: Eylül 2006

Sahibi, Türk Toraks Derneği adına, Prof. Ali Kocabaş, Sorumlu Yazı İşleri Müdürü Prof. Lütfi Çöplü  
Dört ayda bir yayımlanan yerel bilimsel dergidir.  
Yayın yeri, Türk Toraks Derneği Turan Güneş Bulvarı 175/19 Oran, Ankara

## Notice to Subscribers and Contributors

**The Turkish Respiratory Journal (TRJ)**, is published by Turkish Thoracic Society. TRJ is the official journal of the Turkish Thoracic Society, a volume includes three issues (April-August-December).

TRJ focuses on clinical in vitro and animal studies that contribute to the understanding of pathophysiology and treatment of diseases that affect the respiratory system and critically ill patients. Original studies, reviews, case reports, editorials, and letters to the editor are invited for publication. Contributors are requested to read "Instructions for Contributors".

All articles published in the journal are subject to copyrights owned by Turkish Thoracic Society. Reproduction of any article by any means without the expressed prior authorization of Turkish Thoracic Society is prohibited.

The Turkish Respiratory Journal (TRJ) is published with an unrestricted educational grant from *Bilim İlaç San. ve Tic. Ltd. Şti.*

## ORIGINAL ARTICLES

## COPD

- 39** **Cardiopulmonary Exercise Testing in the Early Diagnosis of COPD**  
*Gaye Ulubay, Füsün Eyüboğlu Öner, Abdullah Şimşek, İnsu Yılmaz*
- 43** **A Comparison of Arterial Oxygen Saturation Measured Both by Pulse Oximeter and Arterial Blood Gas Analyzer in Hypoxemic and Non-hypoxemic Pulmonary Diseases**  
*Ebrahim Razi, Hossein Akbari*

## Asthma

- 48** **The Aeroallergen Sensitivity of Asthmatic Patients in Şanlıurfa**  
*Erkan Ceylan, Mehmet Gencer*

## Occupational and Environmental Lung Diseases

- 52** **High-resolution Computed Tomography Findings in Arc-welders**  
*Aydanur Ekici, Yasemin Bilgili, Mehmet Ekici, Birsun Unal, Ahmet Akin, Haydar Huseyin Erdal, Mesut Arslan, Pınar Koçyiğit*

## Lung and Pleural Malignancies

- 56** **Determination of the Best Treatment Option in Stage III, Resectable, Non-small Cell Lung Cancer Patients by Decision Analysis Method**  
*M. Bahadır Berktaş, Ergun Karaağaoğlu*
- 65** **Talc Pleurodesis: Systemic Inflammatory Response**  
*Hüseyin Yıldırım, Muzaffer Metintaş, İrfan Üçgün, Sinan Erginel, Füsün Alataş, Emel Kurt, Selma Metintaş, Güntülü Ak*

## Respiratory Intensive Care

- 71** **Different Responses of Pulmonary and Extrapulmonary Acute Respiratory Distress Syndromes to Prone Position: Results of a Pilot Study**  
*Uğur Koca, Mert Akan, Çimen Olguner, Sevdâ Özkardeşler, Aysun Kar, Ömür Mavioğlu, Hasan Hepağuşlar, Ali Günerli, Zahide Elar*

## Pediatric Lung Diseases

- 78** **Clinical and Radiological Aspects of Chronic Granulomatous Disease in Children: A Case Series from Iran**  
*Soheila Khalilzadeh, Mohammad Reza Boloursaz, Davoud Mansoury, Nooshin Baghaie, Seyed Shaheen Hakimi, Ali Akbar Velayati*

## CASE REPORT

## Thoracic Surgery

- 82** **Persistent Late Post-pneumonectomy Spontaneous Pneumothorax**  
*Hakan Kırıl, Çağatay Tezel, Altug Koşar, Alpay Örki, Mustafa Yüksel*
- 84** **Synchronous Bilateral Pneumothorax as a Complication of Tracheostomy**  
*Mahmut Tokur, İbrahim Can Kürkçüoğlu, Cüneyt Kurul, Sedat Demircan*

## Tuberculosis

- 86** **A Case with Multiple Localizations of Tuberculosis Infection**  
*Zeynep Zeren Uçar, Ahmet Emin Erbaycu, Ayşe Özsoz*

---

## Clinical Problems

- 90** Spontaneous Pneumomediastinum and Subcutaneous Emphysema in a Patient with Systemic Sclerosis

*Maria do Socorro Almeida, João Vicente Almeida,  
Lucas Teixeira Dias, Sérgio José Fernandes*

- 93** Persistent Cough due to Underestimated Ascending Aortic Aneurysm

*Metin Akgün, Fatih Alper, Hasan Kaynar,  
Mehmet Meral, Ömer Araz, Arzu Mirici*

## Lung and Pleural Malignancies

- 95** Desmoplastic Fibroma Arising from the Rib: A Case Presentation

*Hülya Gülbaş, Akın Kuzucu, Ömer Soysal, Meltem Serin,  
Neşe Karadağ, Haldun Şükrü Erkal*

- 97** Low-grade B-cell Primary Pulmonary Lymphoma of Mucosa-Associated Lymphoid Tissue (MALT) Type With Synchronous Involvement Of Lacrimal Gland

*Filiz Çimen, Deniz Köksal, Mehmet Sırmalı,  
Funda Demirağ, Mihriban Öğretensoy, Sadi Kaya*