

# Toraks Cerrahisi Bülteni

## Bulletin of Thoracic Surgery

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### GUEST EDITOR



**Paul Van Schil, MD**

With great pleasure we present this special issue of Thoracic Surgery Bulletin of the Turkish Thoracic Society devoted to lung cancer and lung metastases. We specifically discuss new topics and insights relevant to thoracic surgeons. Although major advances have been made, you will notice that many controversial issues remain which can only be resolved by large international cooperative trials.

In the first chapter G. Veronesi gives us an update of the large screening trials for lung cancer and discusses the current role of screening in high-risk populations. An overview of invasive staging and restaging which determine prognosis and treatment is given by M. De Waele. A new lung adenocarcinoma classification was introduced in 2011 and its most important implications for our daily practice are presented by M. Rimmelinck. Parenchyma-sparing procedures are becoming increasingly important. The current role of bronchoplastic techniques is described by A. D'Andrilli, and limited resection which remains a highly controversial topic, is highlighted by A. Sihoe. Major advances are made in targeted therapies. An update is provided by A. Meert. Currently, specific mutations are recognized in lung cancer cells which have a profound influence on prognosis and treatment. P. Pauwels gives a comprehensive review of the most important molecular changes in lung cancer. Technological advances and current applications of robotic surgery are described by F. Melfi. Lastly, W. den Hengst gives an overview of surgery for lung metastases with recent advances in multimodality therapy and comparison with alternative techniques.

We sincerely hope you will find this issue interesting for your daily practice and our sincere wish is to stimulate international collaboration to better define diagnostic and treatment algorithms for our patients with lung cancer.

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