



Nicola Rotolo, MD

 UNIVERSITY OF INSUBRIA



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Contact data

Assistant Professor

Department of Surgical Sciences

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Biography

Dr. Rotolo obtained his medical degree from the University "G. D'Annunzio" of Chieti School of Medicine, in 1997. In 1999 he earned a certificate in " Special diagnostics in thoraco-pulmonary pathology" at the University "G. D'Annunzio" of Chieti.

In 2003 he completed his fellowship in Thoracic Surgery at the University "G. D'Annunzio" of Chieti.

In 2005, Dr. Rotolo became a researcher in General Surgery at the University of Insubria, Varese.

Dr. Rotolo's specific clinical interests include bronchoscopy, laser endoscopy and positioning of endotracheal prothesis, detection and treatment of small lung nodules, general thoracic surgery, pleural mesothelioma and video-assisted thoracic surgery (VATS), respiratory rehabilitation after thoraco-pulmonary surgery .

Dr. Rotolo has been actively involved in the development of several research programs. These include: research in "Genetic epidemiology of lung cancer and smoking" in cooperation with Department of Occupational Health (University of Milano) and National Cancer Institute of Bethesda (USA); lung cancer screening program in the Province of Varese, Italy, named progetto PRE.DI.CA.

He is currently a an Assistant Professor in General Surgery at the School of Medicine at the University of Insubria in Varese where he has academic teaching courses in two graduate schools (Thoracic Surgery and Pneumology).

Qualifications and awards

General certificate of education obtained at Liceo Classico "O. Fascitelli", Isernia.

Medical and surgical degree obtained at University of Chieti, 1997.

Thesis: "Indications of surgical treatment of pulmonary micosis."

Medical licensure: University of Chieti: 1997.

Specialization certificate in " Special diagnostics in thoraco-pulmonary pathology":University of Chieti:1999.

Specialized in Thoracic Surgery, November 2003.

Research interests

Surgical Oncology:

high risk cancer patients;

detection and treatment of early lung cancer;

detection and treatment of small lung nodules;

lung cancer screening;
malignant pleural mesothelioma.

Mininvasive surgery:

Video-assisted thoracoscopic surgery and localization of small lung nodules.

Operative bronchoscopy.

Teaching experience and appointments

Assistant Professor of Surgery, 2005

Member of the Scientific Committee of the Center of Thoracic Surgery, University of Insubria (2005)

Member of the Council of the Postgraduate School in Thoracic Surgery

Member of the Council of the Postgraduate School in Pneumology

Representative publications

1. Di Nuzzo D, Rotolo N, Mucilli F, Santarelli G, Sacco R. Malignant pleural mesothelioma: functional modifications according to different therapeutic strategies. *Hepat Gastroenterology* 199; 46:71
2. Santarelli G, Rotolo N, Sacco R, Beltrami V. Surrenalic methastasis from lung cancer. Published on "Therapeutic strategies in oncology at the beginning of XXI Century", Ed. Medica, 1999
3. Rotolo N, Campese P, Mucilli F, Sacco R. Extraperitoneal ganglioneuroma: case report. *Ann It Chir* 2003 72; Suppl 1.
4. Rotolo N, Cipollone G, Santarelli G, Di Nuzzo D, Mucilli F. Diaphragm traumatic injuries. *J of Exp and Clin Onc.* 2003 May-Jun 3; Suppl 89.
5. Di Nuzzo D, Mucilli F, Cipollone G, Rotolo N et al. Tracheal sleeve pneumonectomy with "in situ" anesthesiological tube for lung cancer. *Acta Chirurgica Belgica.* 2003 Sep 5; Suppl 103.
6. Campese P, Fascione B, Rotolo N et al. Use of the anterior serratus muscle in the tracheobronchial resection for a carcinoma after neoadjuvant therapy. *Annals of Oncology.* 2004 14; Suppl 4.
7. Pericelli A, Imperatori A, Vassallo F, Rotolo N, Dominioni L. Resection of small indeterminate lung nodules by video-assisted thoracoscopic surgery (VTS). Implications for the early diagnosis of lung cancer. *Rays* 2004 Oct- Dec 29 (4).
8. Imperatori A, Rotolo N, Pericelli A et al. Videothoracoscopic finger palpation and resection of indeterminate lung nodules < 1.5 cm. Evaluation of Histology by size groups. *J Royal Colleges of Surg of Edinburg and Ireland* 2005 Jun 3; Suppl 3
9. Russo PA, Catassi A, Cesario A, Imperatori A, Rotolo N, Fini M, Granone P, Dominioni L. Molecular Mechanisms of Hexavalent Chromium-induced Apoptosis in Human Bronchoalveolar Cells. *Am J Respir Cell Mol Biol.* 2005 Sep 15; [Epub ahead of print].

Clinical interests

Lung cancer:

epidemiology, screening, bronchoscopy, treatment

Min invasive surgery:

Video-assisted thoracoscopic surgery and localization of small lung nodules

Operative bronchoscopy