

Mediastinoscopy

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Mediastinoscopy is a surgical procedure that enables visualization of the contents of the mediastinum, usually for the purpose of obtaining a biopsy. Mediastinoscopy is often used for staging of lymph nodes of lung cancer or for diagnosing other conditions affecting structures in the mediastinum such as sarcoidosis or lymphoma. Mediastinoscopy involves making an incision approximately 1 cm above the suprasternal notch of the sternum, or breast bone. Dissection is carried out down to the pretracheal space and down to the carina. A scope is then advanced into the created tunnel which provides a view of the mediastinum. The scope may provide direct visualization or may be attached to a video monitor. Mediastinoscopy provides access to mediastinal lymph node levels 2, 4, and 7. ([From the Wikipedia article Mediastinoscopy](#).)



Recent Publications on Mediastinoscopy:

- [Endobronchial ultrasound-guided transbronchial needle aspiration \(EBUS-TBNA\): Applications in chest disease.](#)
*ABSTRACT Endobronchial ultrasound-guided transbronchial needle aspiration...*10th November, 2009
Department of Respiratory Medicine, Allergy and Thoracic Surgery,- Respiriology. 2009 Nov 5. ([DOI Direct Link](#))
- [Cervical mediastinoscopic lymphadenectomy for accurate staging in lung cancer.](#)
*Accurate preoperative staging of the mediastinum is important in the...*6th November, 2009
General Thoracic Surgery Unit, Assaf Harofeh Medical Center, Zerifin,- Asian Cardiovasc Thorac Ann. 2009 Aug;17(4):357-61. ([DOI Direct Link](#))
- [Phase II Study of Preoperative Gefitinib in Clinical Stage I Non-Small-Cell Lung Cancer.](#)
*PURPOSE: Epidermal growth factor receptor (EGFR) tyrosine kinase...*4th November, 2009
Divisions of Medical Oncology/Hematology, Thoracic Surgery, and Chest- J Clin Oncol. 2009 Nov 2. ([DOI Direct Link](#))
- [\[A case of ruptured bronchial artery aneurysm with hemothorax and mediastinal hematoma\]](#)
*We encountered a case of ruptured bronchial artery aneurysm, which...*4th November, 2009
Department of Respiratory Medicine, National Hospital Organization Himeji- Nihon Kokyuki Gakkai Zasshi. 2009 Oct;47(10):895-9.
- [Bilateral thoracoscopy, mediastinoscopy and laparoscopy, in addition to CT, MRI and PET imaging, are essential to correctly stage and treat patients with mesothelioma prior to trimodality therapy.](#)
*BACKGROUND: Trimodality therapy (TMT; extrapleural pneumonectomy (EPP),...*3rd November, 2009
Department of Cardiothoracic Surgery, Sir Charles Gairdner Hospital,- ANZ J Surg. 2009 Oct;79(10):734-8. ([DOI Direct Link](#))
- [Neoadjuvant Chemoradiation with Paclitaxel/Carboplatin for Selected Stage III Non-Small-Cell Lung Cancer: Long-Term Results of a Trimodality Phase II Protocol.](#)
*PURPOSE: To evaluate, in a Phase II trial conducted August 1998 through...*30th October, 2009

Department of Radiation Oncology, University Tubingen, Tubingen, Germany;- Int J Radiat Oncol Biol Phys. 2009 Oct 26. ([DOI Direct Link](#))

- [Mediastinoscopy-assisted minimally invasive closure of a bronchopleural fistula: A new technique to manage an old problem.](#)
PURPOSE: To evaluate, in a Phase II trial conducted August 1998 through...27th October, 2009
Department of Surgery, Section of Thoracic and Foregut Surgery, University- J Thorac Cardiovasc Surg. 2009 Oct 22. ([DOI Direct Link](#))
- [Lung-cancer staging with PET-CT.](#)
PURPOSE: To evaluate, in a Phase II trial conducted August 1998 through...27th October, 2009
- N Engl J Med. 2009 Oct 15;361(16):1607; author reply 1608.
- [Sarcoidosis-Associated Fibrosing Mediastinitis with Resultant Pulmonary Hypertension: A Case Report and Review of the Literature.](#)
Pulmonary hypertension, a common manifestation of advanced sarcoidosis, is...3rd October, 2009
Division of Pulmonary, Allergy, and Critical Care Medicine, Columbia- Respiration. 2009 Oct 1. ([DOI Direct Link](#))
- [\[The evaluation of 92 interstitial lung disease patients\]](#)
Interstitial lung diseases (ILD) include many acute and chronic pulmonary...30th September, 2009
Department of Chest Diseases, Faculty of Medicine, Ondokuz Mayıs- Tuberk Toraks. 2009;57(3):314-26.
- [Morphometric analysis of regional lymph nodes in surgically resected non-small cell lung cancer.](#)
Nodal staging is a crucial factor in choosing the treatment option for...29th September, 2009
Surgical Pathology Division, Kobe University Hospital, Kobe, Japan.- Med Mol Morphol. 2009 Sep;42(3):162-6. Epub 2009 Sep 26. ([DOI Direct Link](#))
- [EUS-FNA in the preoperative staging of non-small cell lung cancer.](#)
BACKGROUND: According to current guidelines, transesophageal...18th September, 2009
Department of Pulmonology, Leiden University Medical Center, Leiden, The- Lung Cancer. 2009 Sep 14. ([DOI Direct Link](#))
- [Endosonography in bronchopulmonary disease.](#)
The diagnostic approach to diseases of the mediastinum is divided into two...12th September, 2009
Surgical Department, Gentofte and Herlev Hospital, University of- Best Pract Res Clin Gastroenterol. 2009;23(5):711-28. ([DOI Direct Link](#))
- [Detection of disseminated tumour cells in mediastinoscopic lymph node biopsies and endobronchial ultrasonography-guided transbronchial needle aspiration in patients with suspected lung cancer.](#)
PURPOSE: Ultrasound-guided transbronchial needle aspiration of mediastinal...8th September, 2009
Department of Thoracic Surgery, University Hospital Freiburg, 79106- Lung Cancer. 2009 Sep 3. ([DOI Direct Link](#))
- [Mediastinoscopy-assisted ligation of an aberrant right subclavian artery through a supraclavicular approach.](#)
Accurate preoperative staging of the mediastinum is important in the...28th August, 2009
Department of Cardiothoracic Surgery, Hahnemann University Hospital,- J Thorac Cardiovasc Surg. 2009 Aug 24. ([DOI Direct Link](#))

Mediastinoscopy Patents:



- 7551953- [Magnetic resonance imaging needle antennas](#)
- 6421164- [Interferometric imaging with a grating based phase control optical delay line](#)
- 6387639- [Ma family polypeptides and anti-Ma antibodies](#)
- 6308875- [Surgical instrument storage pack](#)
- 5941819- [Apparatus for creating a mediastinal working space](#)
- 5823946- [Method for creating a mediastinal working space](#)
- 5772982- [Method of using hyaluronic acid for the detection, location and diagnosis of tumors](#)
- 5676636- [Method for creating a mediastinal working space](#)
- 5474075- [Brush-tipped catheter for ultrasound imaging](#)
- 5411527- [Difibrillation electrodes and implantation](#)
- 5143089- [Assembly and method of communicating electrical signals between electrical therapeutic systems and body tissue](#)
- 4816462- [Method for diagnosing and for the therapeutic treatment of tumors and/or infectious diseases of different types with alkaloid-compounds](#)
- 4577634- [Method and apparatus for alleviating paroxysmal atrial tachycardia](#)
- 4543963- [Method and apparatus for differentiating antegrade from retrograde P-waves and for preventing pacemaker generated tachycardia](#)
- 4306560- [Suture forming tool for securing an electrode to generally inaccessible body tissue](#)
- 6445939- [Ultra-small optical probes, imaging optics, and methods for using same](#)
- 6485413- [Methods and apparatus for forward-directed optical scanning instruments](#)
- 6549800- [Methods for in vivo magnetic resonance imaging](#)
- 7473530- [Method to detect lung cancer](#)
- 7470534- [Mutated AQP, method for detecting cancer using the same, DNA chip having oligonucleotides of said mutated AQP sequence](#)
- 7455690- [Methods for controlling the internal circumference of an anatomic orifice or lumen](#)
- 7297150- [Implantable devices for controlling the internal circumference of an anatomic orifice or lumen](#)
- 7274810- [System and method for three-dimensional image rendering and analysis](#)
- 7232414- [System and method for capturing body tissue samples](#)
- 7202045- [Detection and treatment of cancers of the lung](#)
- 7175660- [Apparatus for implanting surgical devices for controlling the internal circumference of an anatomic orifice or lumen](#)
- 7131951- [Biopsy needle](#)
- 7026450- [Ma family polypeptides and anti-Ma antibodies](#)
- 6852108- [Apparatus and method for resecting and removing selected body tissue from a site inside a patient](#)
- 6695791- [System and method for capturing body tissue samples](#)
- 6675033- [Magnetic resonance imaging guidewire probe](#)
- 6606513- [Magnetic resonance imaging transeptal needle antenna](#)
- 4000745- [Electrical leads for cardiac stimulators and related methods and means](#)

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