

1. Funktionelle präoperative Abklärung**1.1. Funktionelle Grenzen der Operabilität**

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1.2. Thorax-OP unter Clopidogrel?

Cerfolio RJ, Minnich DJ, Bryant AS. General thoracic surgery is safe in patients taking clopidogrel (Plavix). *J Thorac Cardiovasc Surg* 2010;140(5):970-76.

2. Lungenkarzinom**2.1. Stagingmethoden**

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Defranchi SA, Edell ES, Daniels CE et al. Mediastinoscopy in patients with lung cancer and negative endobronchial ultrasound guided needle aspiration. *Ann Thorac Surg* 2010;90:1753-58.

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2.2. OP-Indikation

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Sakamoto M, Murakawa T, Kitano K et al. Resection of solitary pulmonary lesion is beneficial to patients with a history of malignancy. *Ann Thorac Surg* 2010;90:1766-72.

2.3. OP-Technik**2.3.1. Lymphknotendisektion**

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Denlinger CE, Fernandez F, Meyers BF et al. Lymph node evaluation in video-assisted thoracoscopic lobectomy versus lobectomy by thoracotomy. *Ann Thorac Surg* 2010;89:1730-36.

Veronesi G, Maisonneuve P, Pelosi G et al. Screening-detected lung cancers. Is systematic nodal dissection

always essential? J Thorac Oncol 2011;6(3):525-30.

2.3.2. VATS-Lobektomie als neues operatives Verfahren

Flores RM, Ihekweazu UN, Rizk N et al. Patterns of recurrence and incidence of second primary tumors after lobectomy by means of video-assisted thoracoscopic surgery (VATS) versus thoracotomy for lung cancer. J Thorac Cardiovasc Surg 2011;141(1):59-64.

Rueth NM, Andrade RS. Is VATS lobectomy better: perioperatively, biologically and oncologically? Ann Thorac Surg 2010;89:2107-11.

2.3.3. Sublobäre Resektionen bei älteren Patienten

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2.4. Therapieoptionen im Stadium I

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2.5. Prognosefaktoren: Lymphknotenzahl versus Lymphknotenregion

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2.6. Lungenkrebs-Screening mittels CT reduziert die Sterblichkeit

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2.7. Wo sollen Lungenkrebspatienten operiert werden?

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3. Postoperative Therapie, Komplikationen

3.1. Sind tägliche Röntgenaufnahmen postoperativ notwendig?

Cerfolio RJ, Bryant AS. Daily chest roentgenograms are unnecessary in nonhypoxic patients who have undergone pulmonary resection by thoracotomy. Ann Thorac Surg 2011;92:440-44.

3.2. Antikoagulation bei postoperativem Vorhofflimmern?

Makhija Z, Allen MS, Wigle DA et al. Routine anticoagulation is not indicated for postoperative general thoracic surgical patients with new-onset atrial fibrillation. Ann Thorac Surg 2011;92:421-27.

3.3. Therapie der postoperativen Recurrensparese

Laccourreye O, Malinvaud D, Delas B et al. Early unilateral laryngeal paralysis after pulmonary resection with mediastinal dissection for cancer. Ann Thorac Surg 2010;90:1075-79.

3.4. Therapie von persistierenden bronchopleuralen Fisteln mit Endobronchialventilen

Gillespie CT, Serman DH, Cerfolio RJ et al. Endobronchial valve treatment for prolonged air leaks of the lung: A case series. Ann Thorac Surg 2011;91:270-73.

4. Mesotheliom

4.1. Bedeutung der extrapleurale Pneumonektomie (EPP) bei der Therapie des Mesothelioms: Der MARS-Trial

Nagendran M, Pallis A, Patel K et al. Should all patients who have mesothelioma diagnosed by video-assisted thoracoscopic surgery have their intervention sites irradiated? *Interact Cardiovasc Thorac Surg* 2011;13:66-69.

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Treasure T, Lang-Lazdunski L, Waller D et al. Extra-pleural pneumonectomy versus no extra-pleural pneumonectomy for patients with malignant pleural mesothelioma: clinical outcomes of the Mesothelioma And Radical Surgery (MARS) randomised feasibility study. *Lancet Oncol* 2011;12(8):763-72.

5. Mediastinaltumoren

5.1. Minimal-invasive Resektion von Thymomen?

Pennathur A, Qureshi I, Schuchert MJ et al. Comparison of surgical techniques for early-stage thymoma: Feasibility of minimally invasive thymectomy and comparison with open resection. *J Thorac Cardiovasc Surg* 2011;141(3):694-701.

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5.2. Sollen Patienten mit asymptomatischen bronchogenen Zysten operiert werden?

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6. Lungenmetastasen

6.1. Sicherheitsabstand bei der Resektion von kolorektalen Lungenmetastasen

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7. Pleuraerkrankungen / Pleuraerguss

7.1. Was tun bei Diagnose „unspezifische Pleuritis“?

Davies HE, Nicholson JE, Rahman NM et al. Outcome of patients with nonspecific pleuritis/fibrosis on thoracoscopic pleural biopsies. *EJCTS* 2010;38:472-77.

Wrightson JM, Davies HE. Outcome of patients with non-specific pleuritis at thoracoscopy. *Curr Opin Pulm Med* 2011;17:242-46.

7.2. Exsudativen Pleuraerguss bei beatmeten Patienten drainieren?

Kupfer Y, Seneviratne C, Chawla K et al. Chest tube drainage of transsudative pleural effusions hastens liberation from mechanical ventilation. *Chest* 2011;139(3):519-23.

7.3. Effektivität des PleurX-Katheters bei Patienten mit malignen Ergüssen

Suzuki K, Servais EL, Rizk NP et al. Palliation and pleurodesis in malignant pleural effusion. The role for tunnelled pleural catheters. *J Thorac Oncol* 2011;6(4):762-67.

Lee GYC, Fysh ETH. Indwelling pleural catheter. Changing the paradigm of malignant effusion management. *J Thorac Oncol* 2011;6(4):655-57.

8. Pneumothorax – Emphysem

8.1. Effektivität der minimal-invasiven Operationsverfahren bei Patienten mit primärem und sekundärem Spontanpneumothorax

Shaikhrezai K, Thompson AI, Parkin C et al. Video-assisted thoracoscopic surgery management of spontaneous

pneumothorax – long-term results. EJCTS 2011;40:120-23.

8.2. Sonographie anstelle eines Röntgenbildes zur Beurteilung des Drainageerfolgs bei Pneumothorax

Galbois A, Ait-Outella H, Baudel JL et al. Pleural ultrasound compared with chest radiographic detection of pneumothorax resolution after drainage. Chest 2010;138(3):648-55.

8.3. Endoskopische Volumenreduktion als Brücke zur Transplantation bei Emphysem

Venuta F, Diso D, Anile M et al. Bronchoscopic lung volume reduction as a bridge to lung transplantation in patients with chronic obstructive pulmonary disease. EJCTS 2011;39:364-67.

9. Lungentransplantation

9.1. Ergebnisse der Lungentransplantation bei älteren Patienten

Tomaszek SC, Fibla JJ, Dierkhising RA et al. Outcome of lung transplantation in elderly recipients. EJCTS 2011;39:726-31.

9.2. Einfluss der Transplantationszahlen auf das Langzeitergebnis

Tabut G, Christic JD, Kremers WK et al. survival differences following lung transplantation among US transplant centers. JAMA 2010;304(1):53-60.

10. Trachea

10.1. Langzeitergebnisse der operativen Therapie bei zervikaler Trachealstenose

Mutrie CJ, Eldif SM, Rutledge CW et al. Cervical tracheal resection: New lessons learned. Ann Thorac Surg 2011;91:1101-06.

11. Zwerchfell

11.1. Interposition des Nervus phrenicus bei Zwerchfellparese

Kaufman MR, Elkwood AI, Rose MI et al. Reinnervation of the paralyzed diaphragm. Application of nerve surgery techniques following unilateral phrenic nerve injury. Chest 2011;140(1):191-97.

12. Seltene Tumore

12.1. Endobronchiale inflammatorische myofibroblastische Tumore

Thistlethwaite PA, Renner J, Duhamel D et al. Surgical management of endobronchial inflammatory myofibroblastic tumors. Ann Thorac Surg 2011;91:367-72.