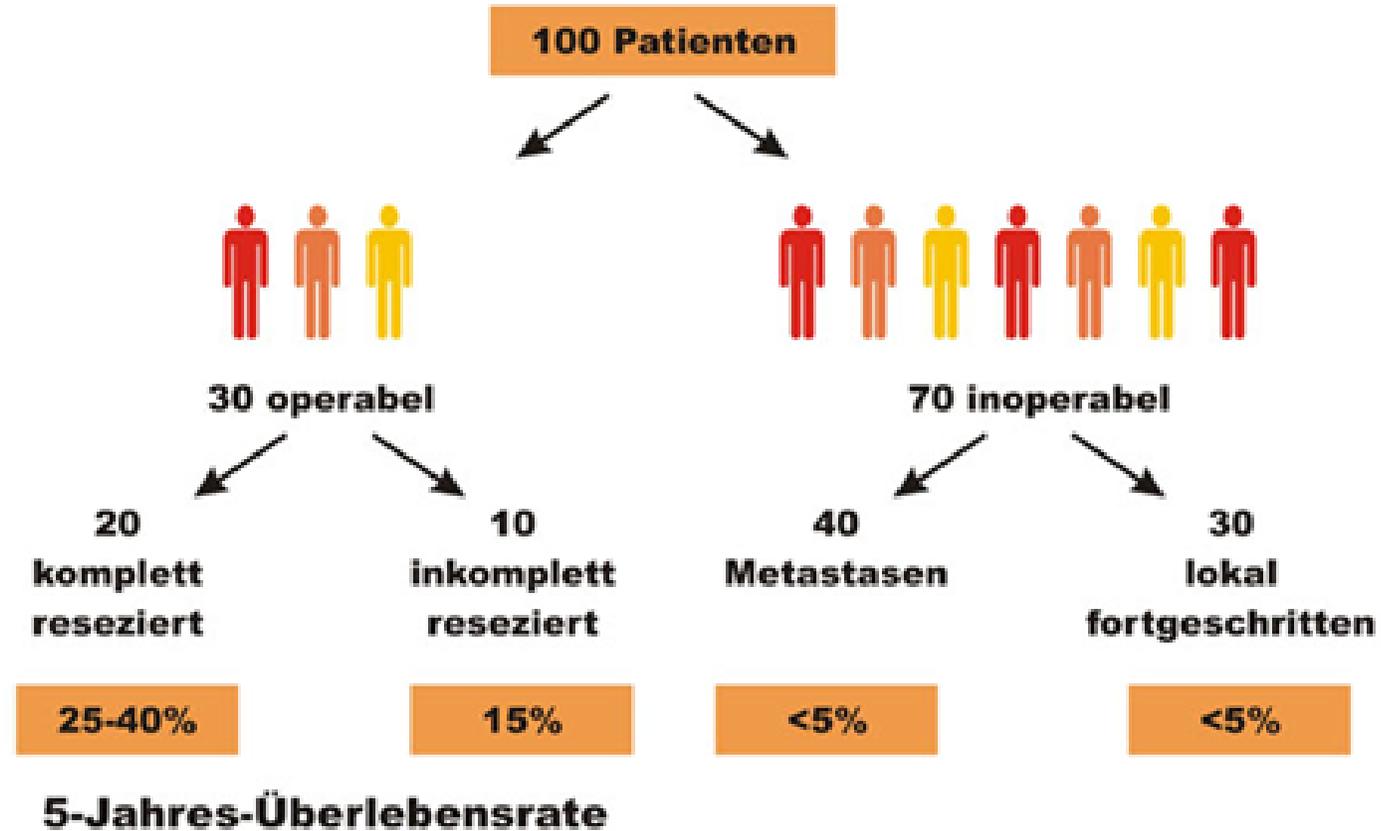


# Videoassistierte Thoraxchirurgie (VATS)



*Stefanie Veit*

# Lungenkrebs

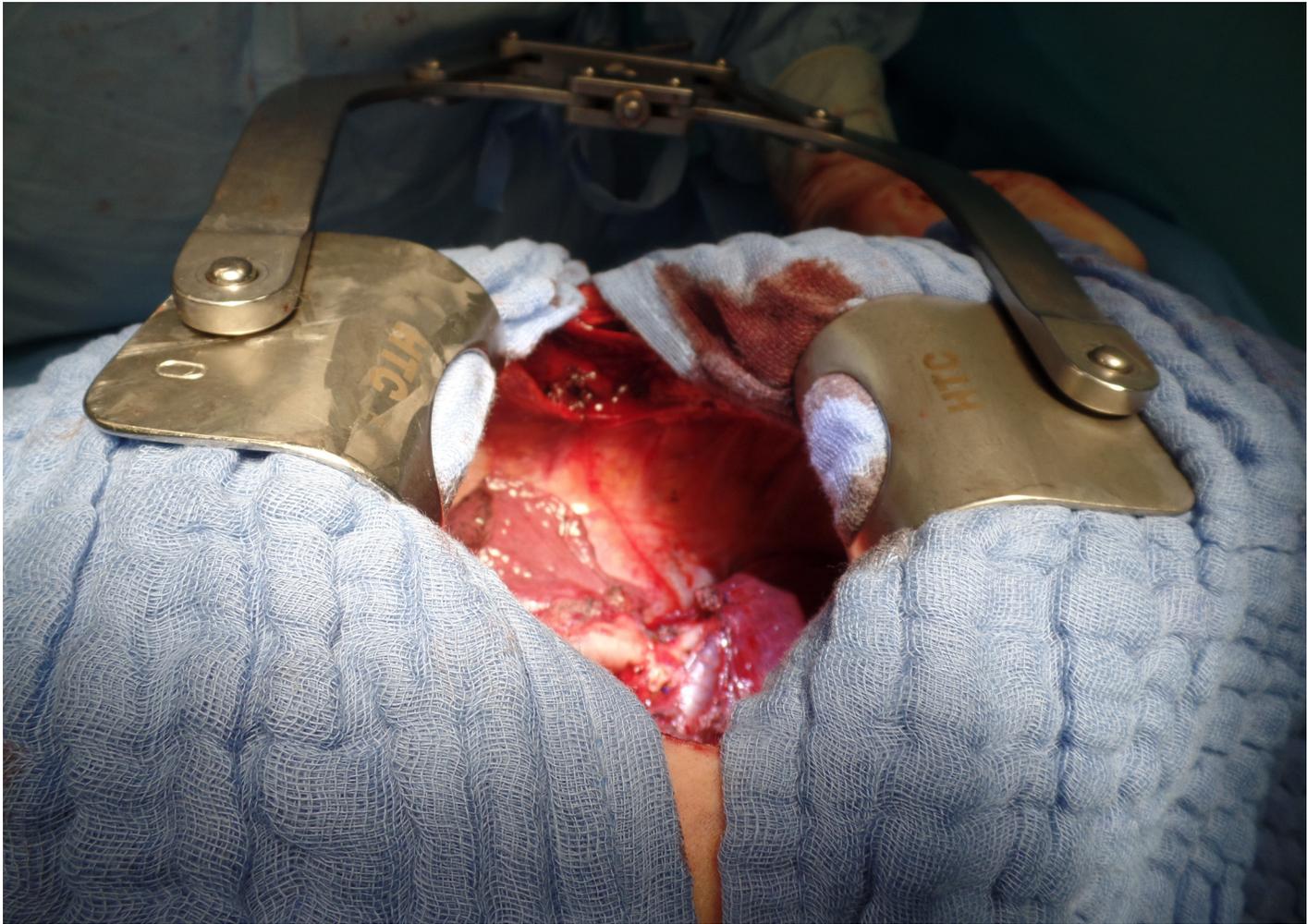


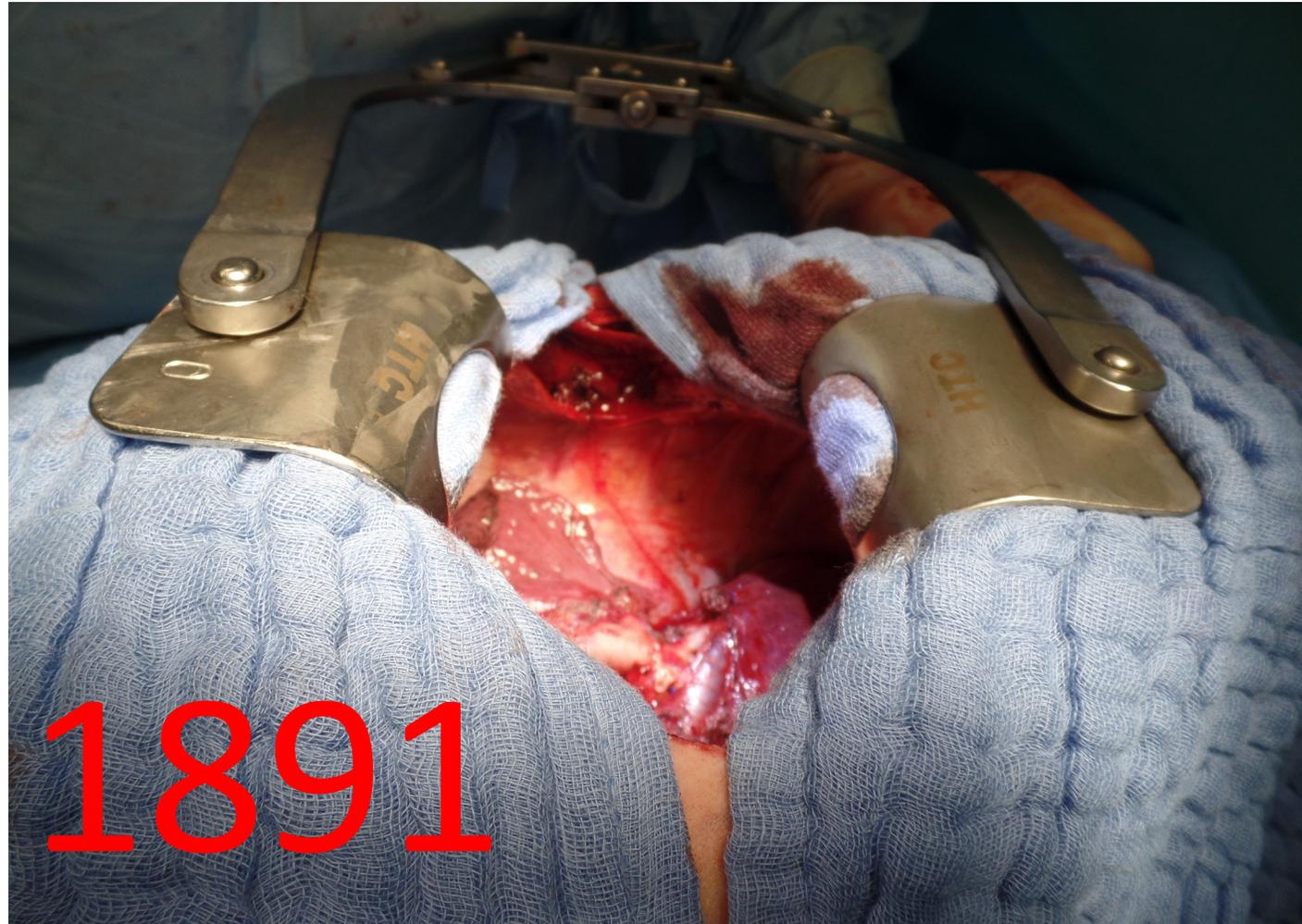
Offen



VATS

*Video Assisted Thoracic Surgery*





European Journal of Cardio-thoracic Surgery 18 (2000) 711–716

Review article

## Surgical aspects of chronic post-thoracotomy pain

Mark L. Rogers\*, John P. Duffy

*Department of Cardiothoracic Surgery, Nottingham City Hospital, Hucknall Road, Nottingham NG5 1PB, UK*





3 – 5 l/min

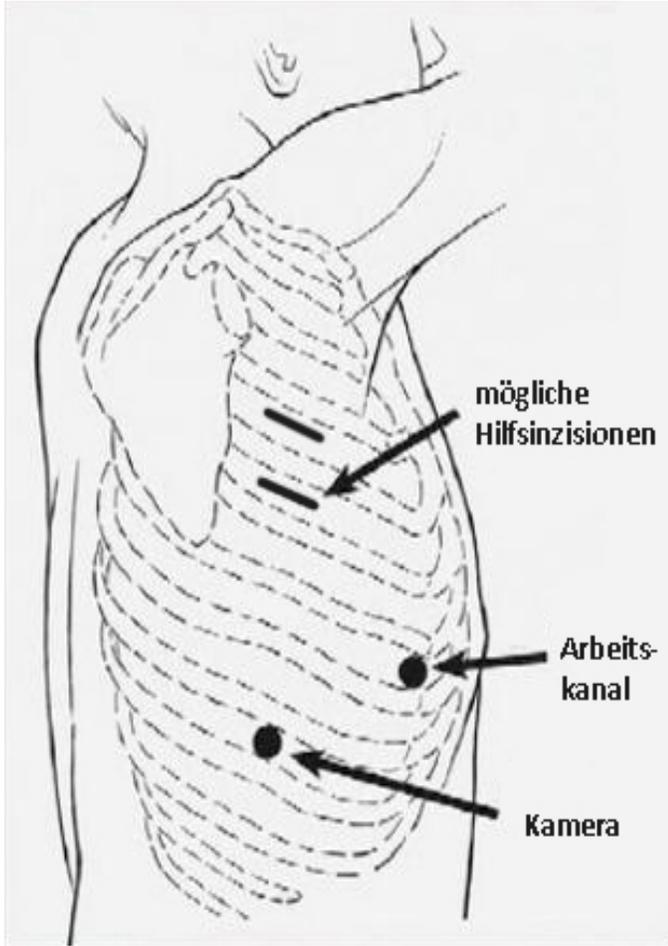


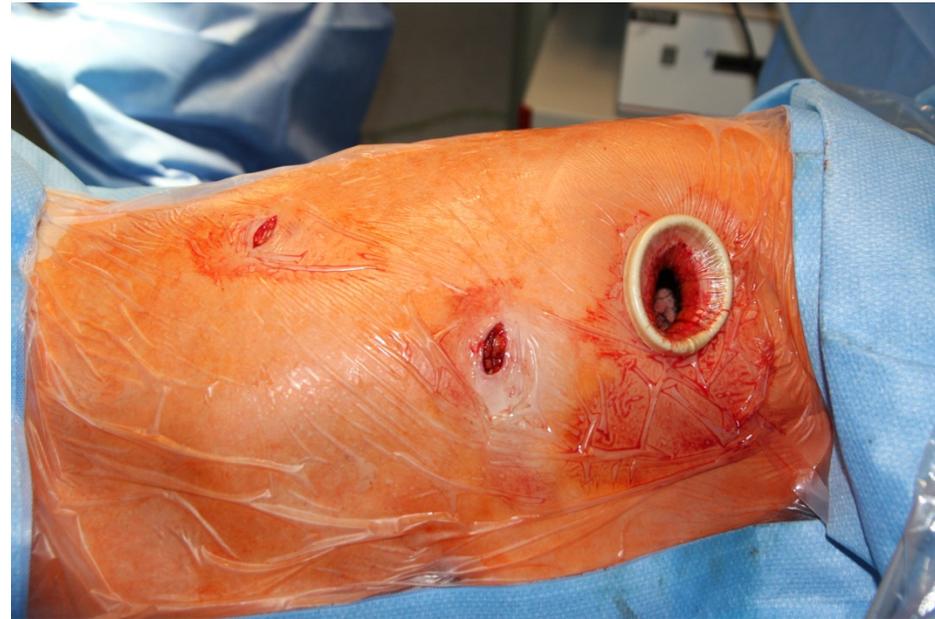
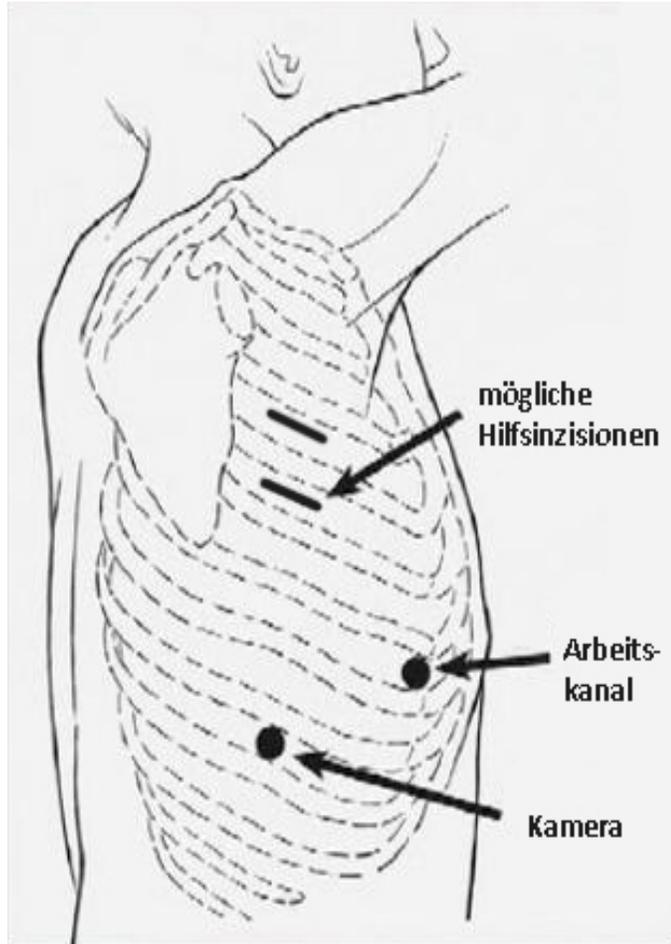




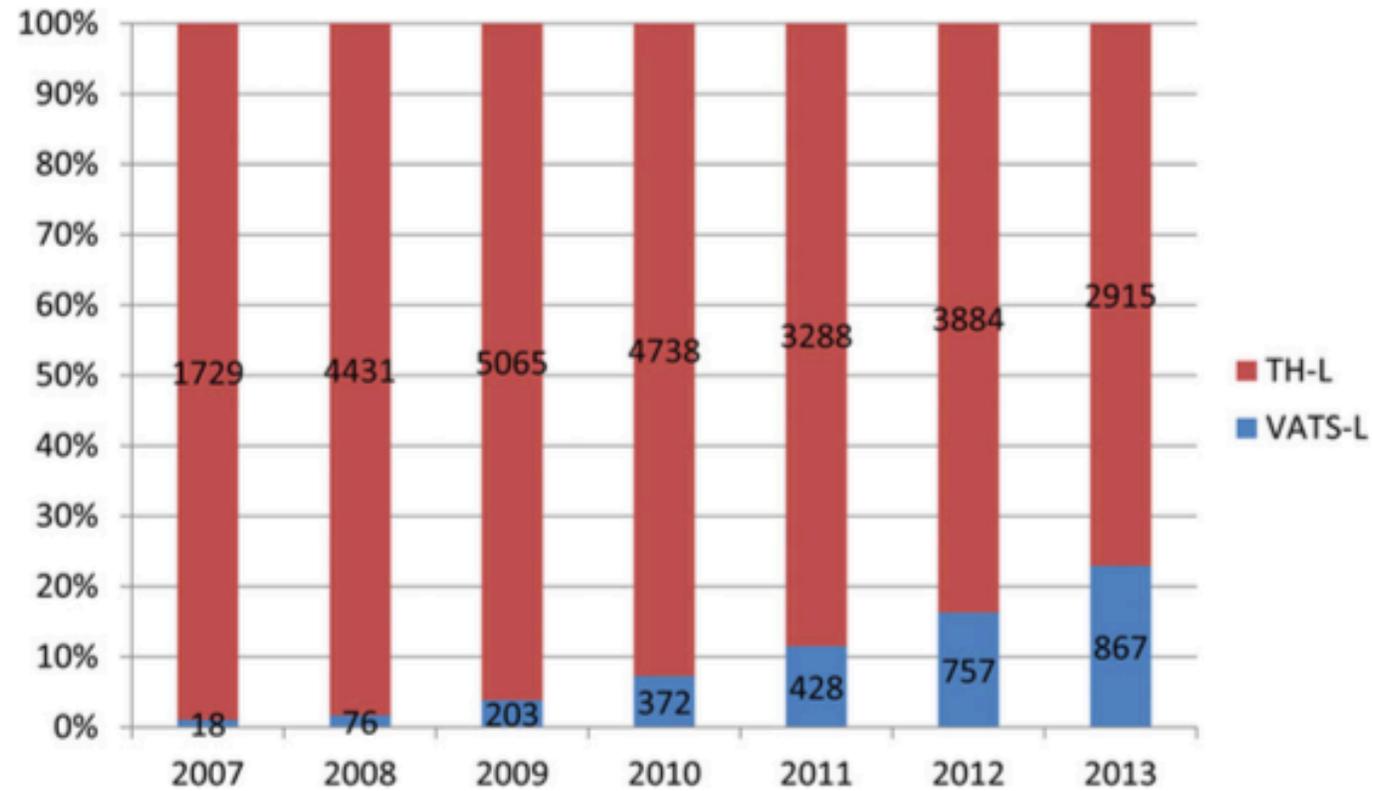






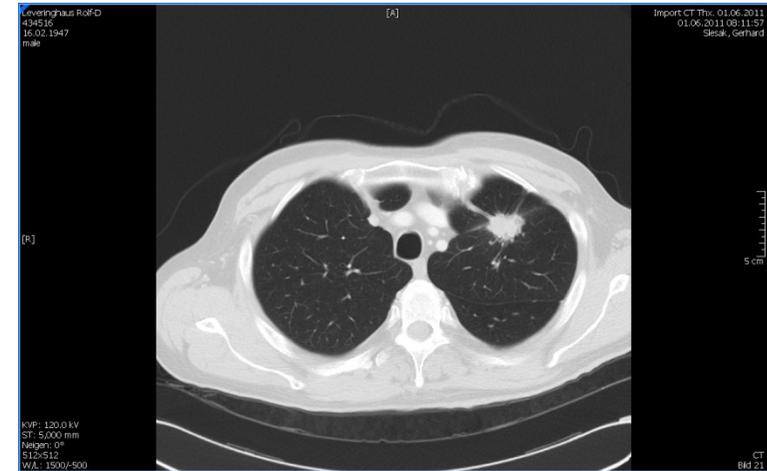






**Figure 1:** Lobectomy via thoracotomy or thoracoscopy stratified by year in the ESTS database. ESTS: European Society of Thoracic Surgeon; TH-L: lobectomy via thoracotomy; VATS-L: lobectomy via thoracoscopy.

# NSCLC Stage I





ELSEVIER

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# Radiotherapy and Oncology

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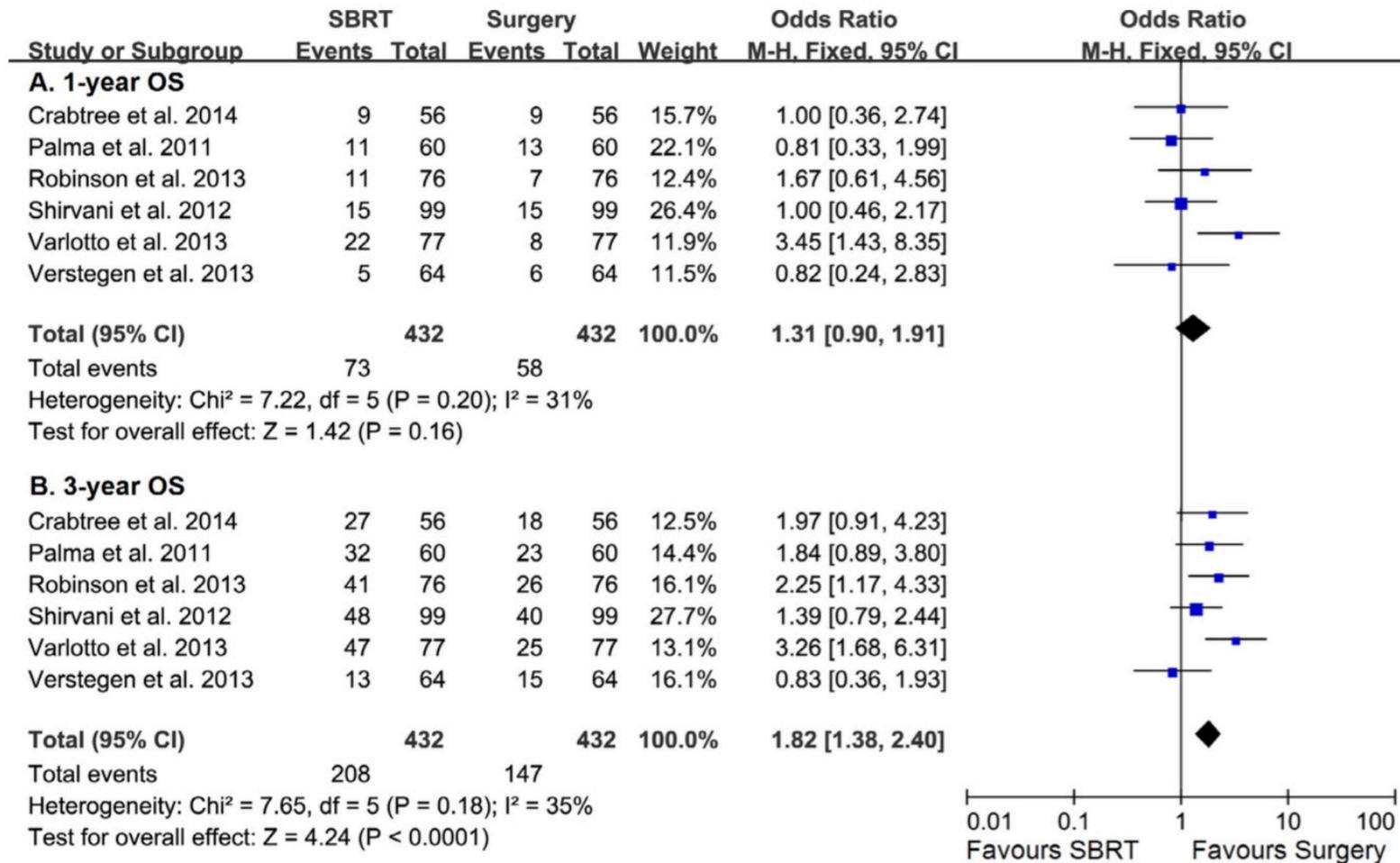
Systematic review

## Matched-pair comparisons of stereotactic body radiotherapy (SBRT) versus surgery for the treatment of early stage non-small cell lung cancer: A systematic review and meta-analysis

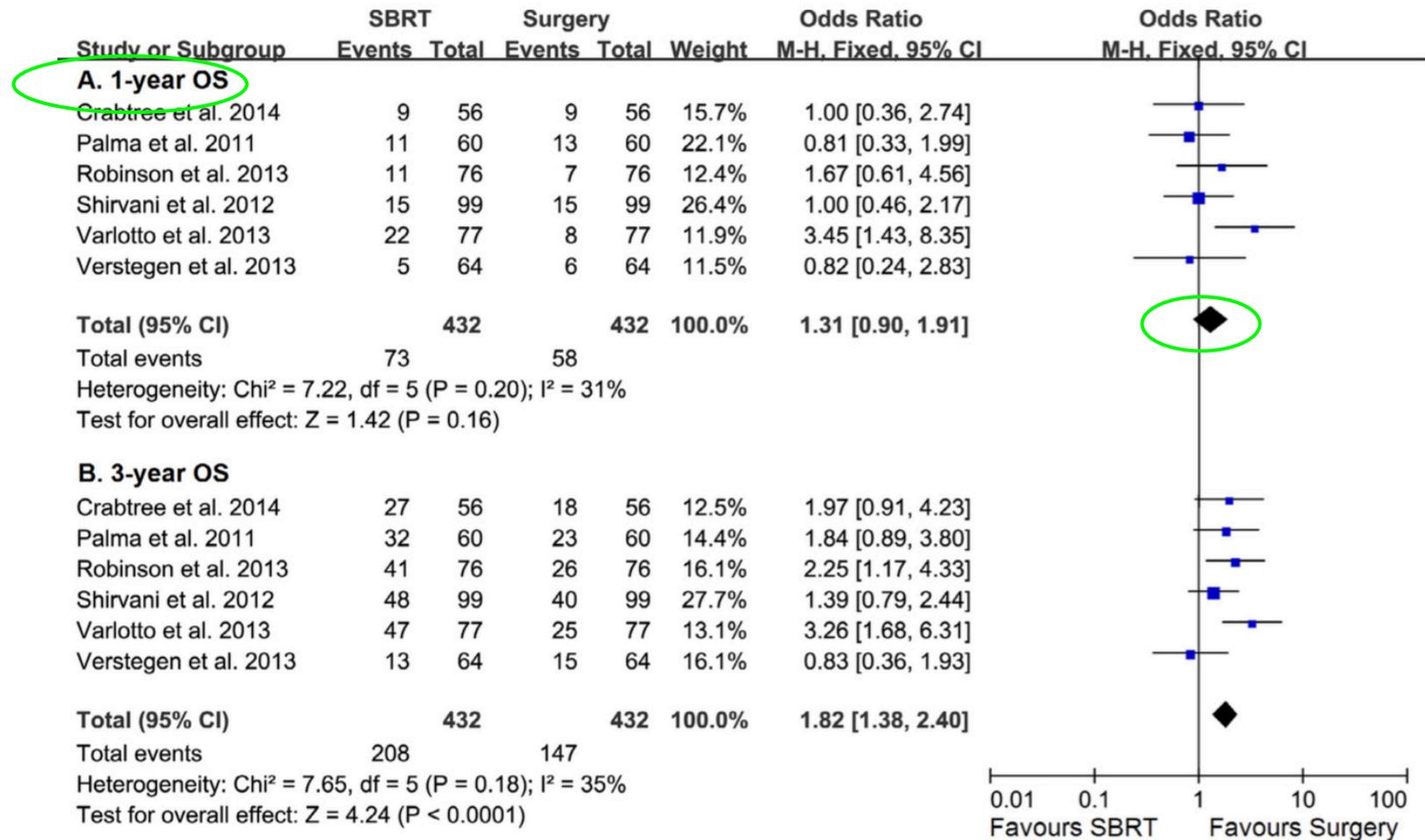


Binglan Zhang<sup>a,1</sup>, Fuping Zhu<sup>b,1</sup>, Xuelei Ma<sup>a,1</sup>, Ye Tian<sup>c,1</sup>, Dan Cao<sup>a</sup>, Songe Luo<sup>a</sup>, Yu Xuan<sup>a</sup>, Lei Liu<sup>a,\*</sup>, Yuquan Wei<sup>a</sup>

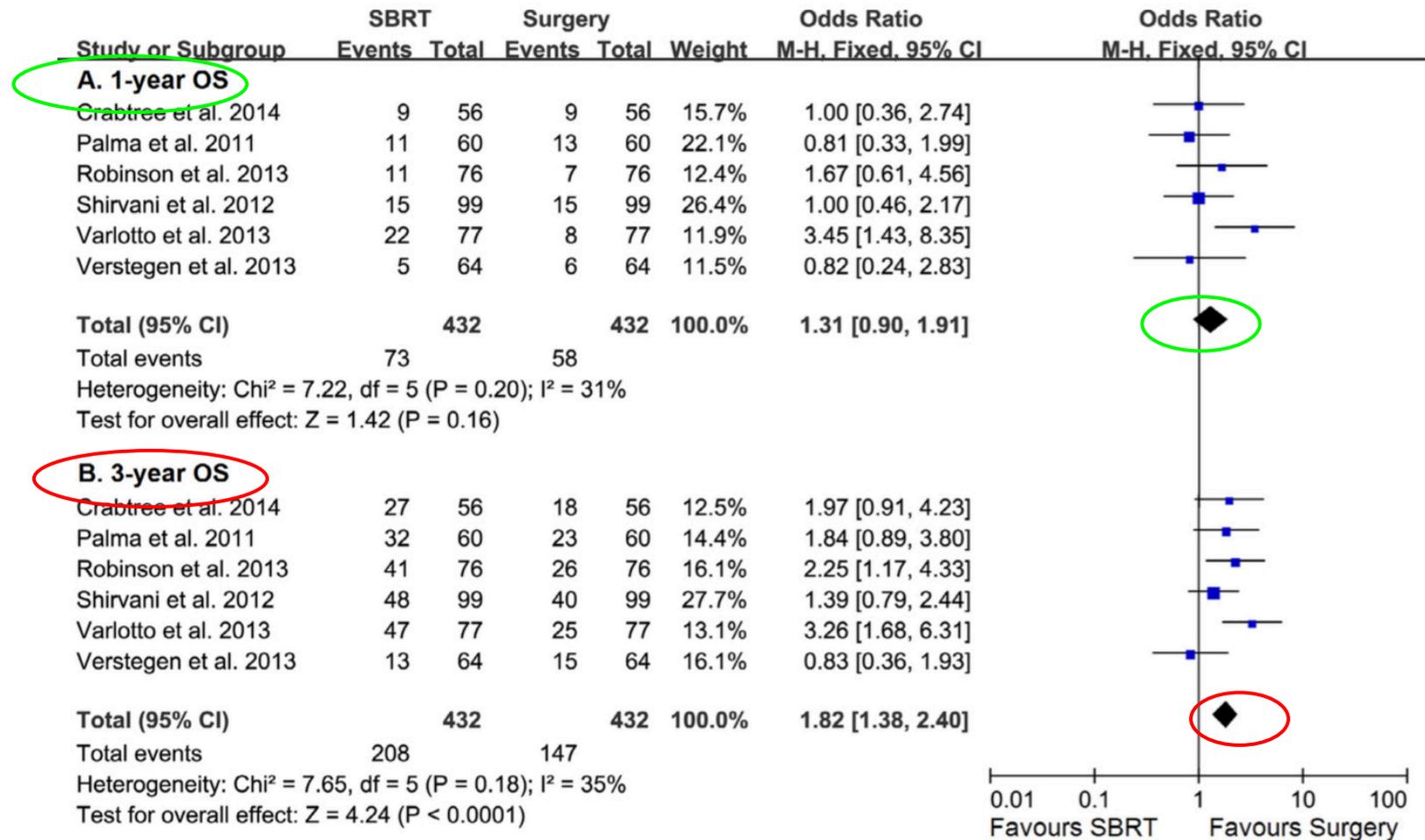
<sup>a</sup> Cancer Center and State Key Laboratory of Biotherapy, West China Hospital, Sichuan University, Chengdu, People's Republic of China; <sup>b</sup> The Department of Hepatobiliary Surgery, The Ninth People's Hospital of Chongqing; and <sup>c</sup> The Department of Sonography, West China Hospital, Sichuan University, Chengdu, People's Republic of China



**Fig. 1.** Forest plot of the comparison between SBRT and surgery treatment for 1-year and 3-year OS.



**Fig. 1.** Forest plot of the comparison between SBRT and surgery treatment for 1-year and 3-year OS.



**Fig. 1.** Forest plot of the comparison between SBRT and surgery treatment for 1-year and 3-year OS.

Ann Thorac Surg. 2015 Apr;99(4):1122-9. doi: 10.1016/j.athoracsur.2014.11.009. Epub 2015 Feb 7.

## **Video-assisted thoracoscopic lobectomy versus stereotactic radiotherapy for stage I lung cancer.**

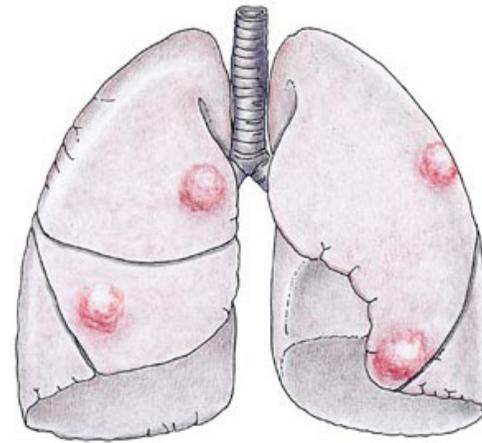
Hamaji M<sup>1</sup>, Chen F<sup>1</sup>, Matsuo Y<sup>2</sup>, Kawaguchi A<sup>3</sup>, Morita S<sup>3</sup>, Ueki N<sup>2</sup>, Sonobe M<sup>1</sup>, Nagata Y<sup>4</sup>, Hiraoka M<sup>2</sup>, Date H<sup>5</sup>.

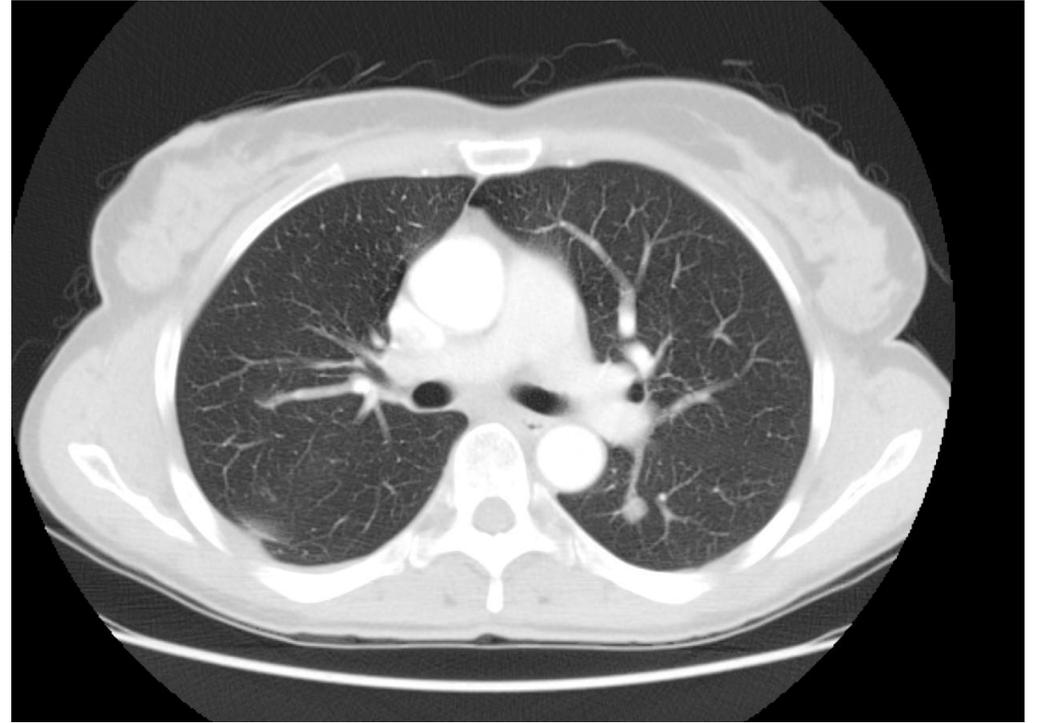
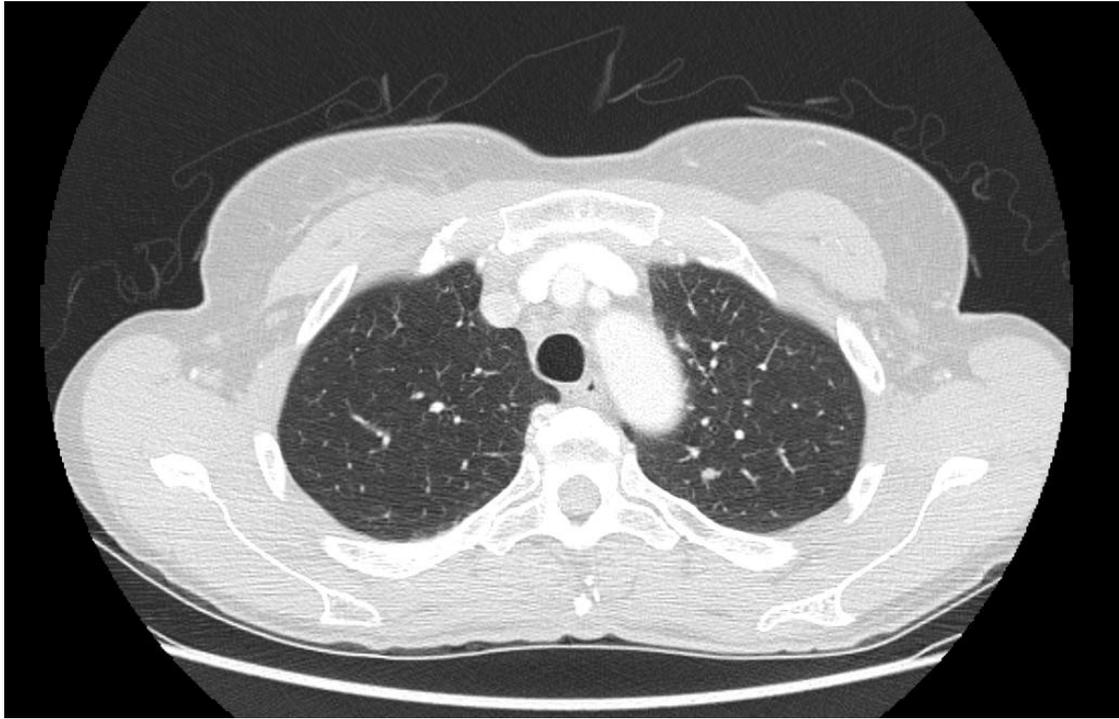
J Thorac Cardiovasc Surg. 2017 Aug 16. pii: S0022-5223(17)31718-X. doi: 10.1016/j.jtcvs.2017.07.065. [Epub ahead of print]

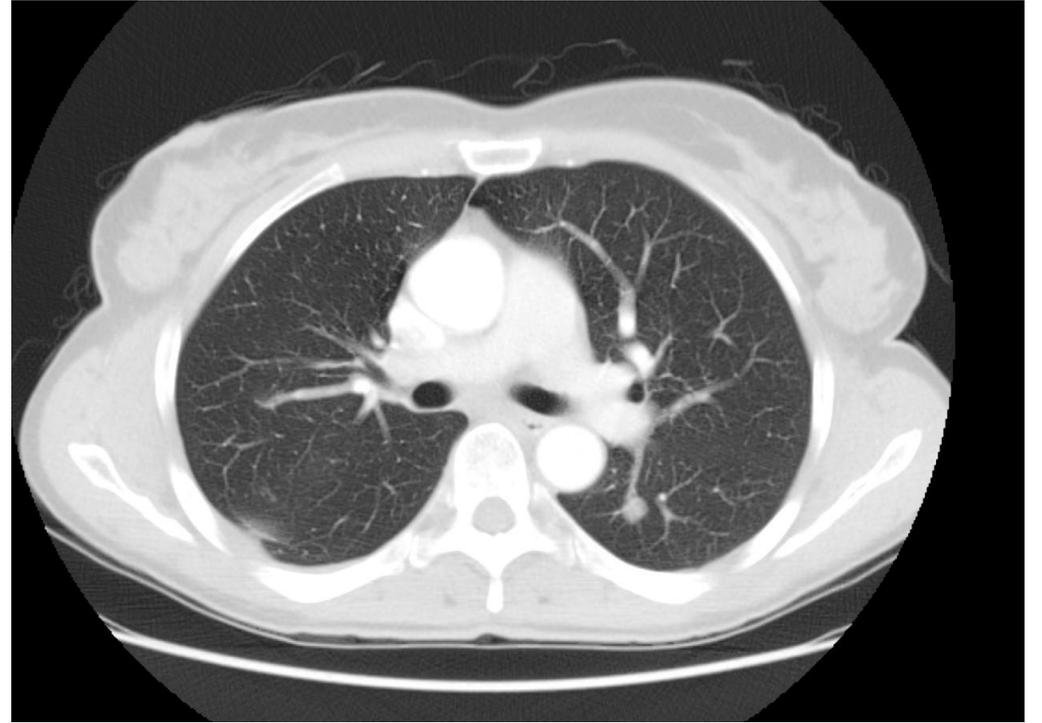
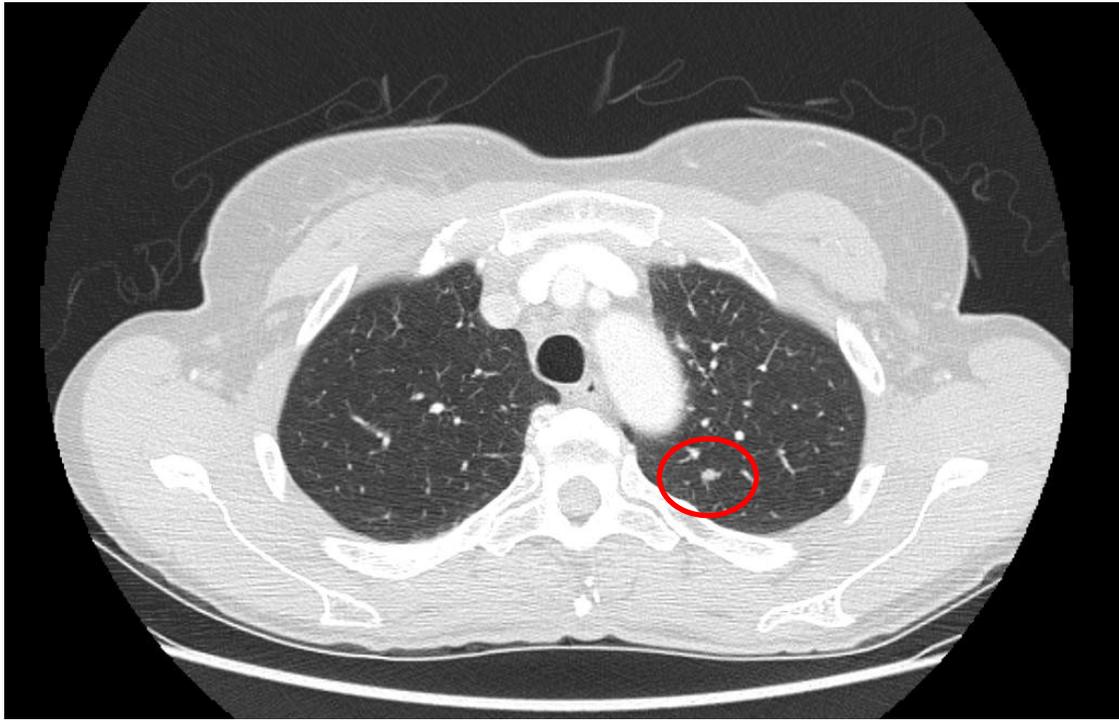
## **Video-assisted thoracoscopic lobectomy is associated with greater recurrence-free survival than stereotactic body radiotherapy for clinical stage I lung cancer.**

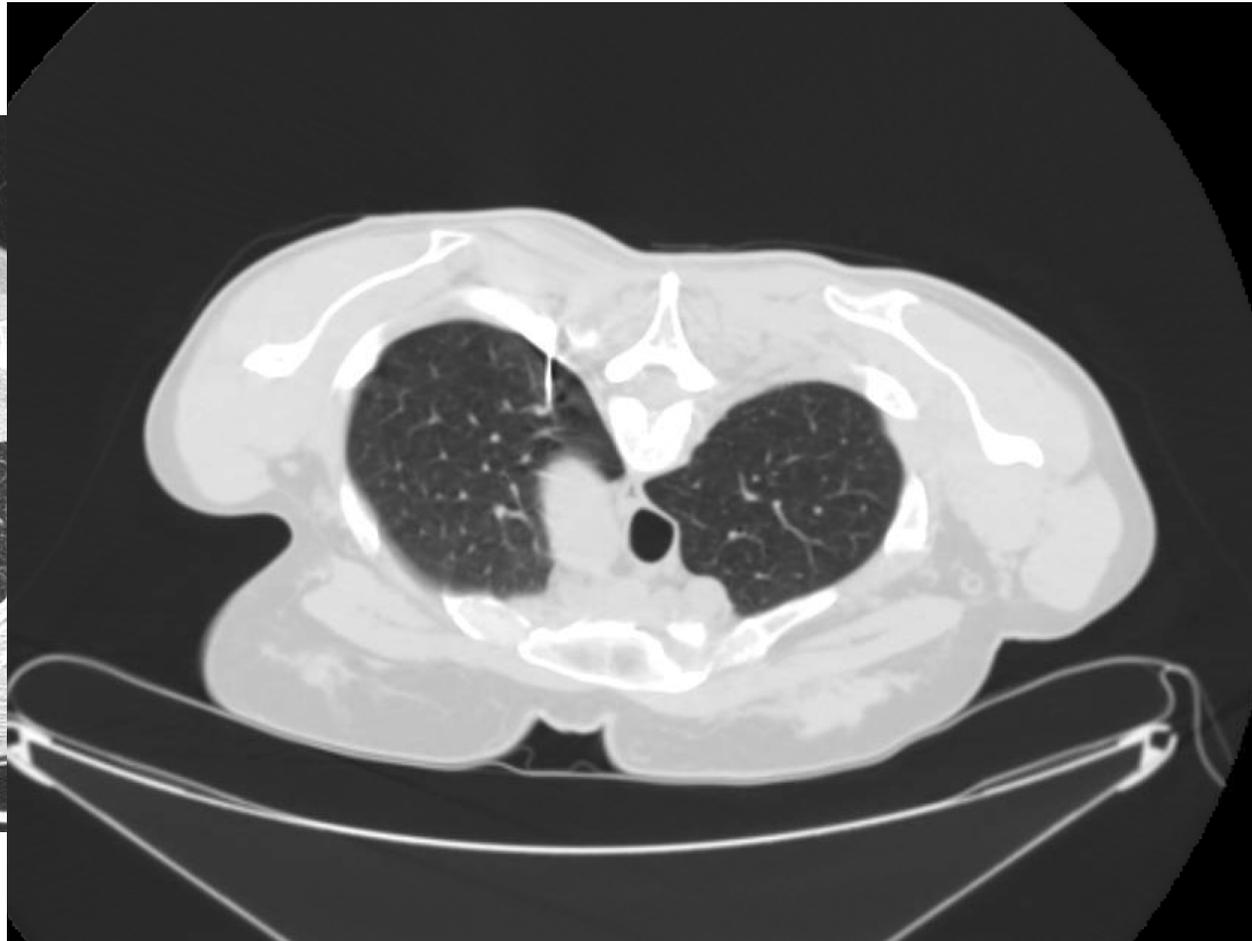
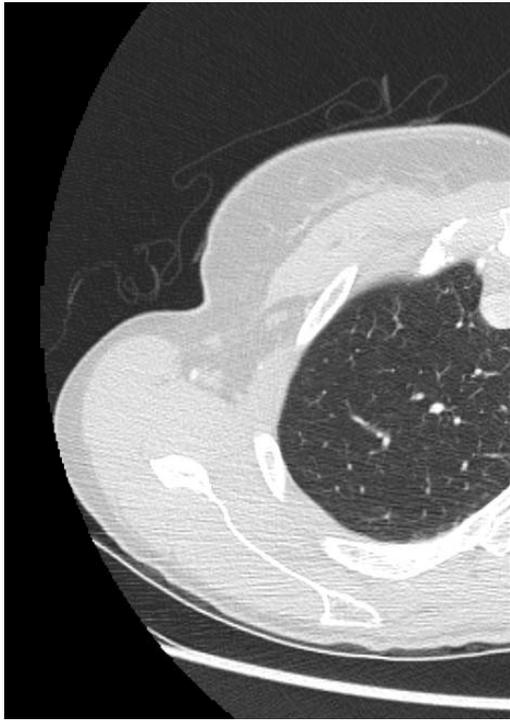
Cornwell LD<sup>1</sup>, Echeverria AE<sup>2</sup>, Samuelian J<sup>3</sup>, Mayor J<sup>2</sup>, Casal RF<sup>2</sup>, Bakaeen FG<sup>4</sup>, Omer S<sup>2</sup>, Preventza O<sup>5</sup>, Mai W<sup>2</sup>, Chen G<sup>2</sup>, Simpson KH<sup>6</sup>, Moghanaki D<sup>7</sup>, Zhu AW<sup>2</sup>.

# Lungenmetastasen Chirurgie











VATS

Anatomische  
Lungenresektionen

VATS

Anatomische  
Lungenresektionen

VATS

Thymus-  
resektion

Anatomische  
Lungenresektionen

VATS

Thymus-  
resektion

Zwerchfellraffung

Anatomische  
Lungenresektionen

VATS

Thymus-  
resektion

Trichterbrustkorrektur  
nach Nuss

Zwerchfellraffung

Lungen-  
metastasenresektion

Anatomische  
Lungenresektionen

VATS

Thymus-  
resektion

Trichterbrustkorrektur  
nach Nuss

Zwerchfellraffung

Thorakale  
Sympathektomie

Anatomische  
Lungenresektionen

Lungen-  
metastasenresektion

VATS

Thymus-  
resektion

Trichterbrustkorrektur  
nach Nuss

Zwerchfellraffung

# Videoassistierte Thoraxchirurgie (VATS)



*Stefanie Veit*