

Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 56081

Manuscript Type: ORIGINAL ARTICLE

Retrospective Study

Value of virtual bronchoscopic navigation and transbronchial ultrasound-guided sheath-guided exploration in the diagnosis of peripheral lung cancer

Liu Y *et al.* VBN and EBUS-GS about lung cancer

Yong Liu, Feng Wang, Qun-Cheng Zhang, Zhao-Hui Tong

Abstract

Match Overview

1	Internet 26 words crawled on 02-Jul-2020 pesquisa.bvsalud.org	1%
2	Internet 18 words crawled on 17-Dec-2018 www.spandidos-publications.com	1%
3	Internet 16 words crawled on 15-Jun-2020 www.researchsquare.com	1%
4	Crossref 10 words "Abstracts", <i>Cardiology</i> , 2013	<1%

[ALL](#)[IMAGES](#)[VIDEOS](#)

935 Results

Any time ▾

Usefulness of virtual bronchoscopic navigation combined ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6408138>

The aim of this study was to evaluate the diagnostic utility of **virtual bronchoscopic navigation (VBN)** combined with endobronchial ultrasound (EBUS) guided **transbronchial lung** biopsy for solitary pulmonary nodules (SPN). A total of 115 patients with suspected ...

Cited by: 2**Author:** Chunhua Xu, Qi Yuan, Yuchao Wang, W...**Publish Year:** 2019

Does virtual bronchoscopic navigation improve the ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/resp.13391>

Virtual bronchoscopic navigation (VBN) is a method in which the bronchoscope is guided to a **peripheral lung** lesion under direct observation using **virtual bronchoscopic** images. **VBN** can be used for computed tomography (CT)-guided ultrathin bronchoscopy, endobronchial ultrasound using a guide sheath (**EBUS-GS**) and conventional bronchoscopy with ...

Cited by: 1**Author:** Fumihiko Asano**Publish Year:** 2018

Virtual bronchoscopic navigation as an aid to CT-guided ...

<https://onlinelibrary.wiley.com/doi/10.1111/resp.13377>

Virtual bronchoscopic navigation (VBN) entails the provision of a **virtual** display of the bronchial routes that lead to small **peripheral** pulmonary lesions (PPL). It has been predicted that a combination of computed tomography (CT)-guided **transbronchial** biopsy (CT-TBB) with **VBN** might improve the diagnostic yield for small PPL.

Cited by: 4**Author:** Akane Kato, Masanori Yasuo, Yayoi Tok...**Publish Year:** 2018

Bronchoscopy Using Virtual Navigation and Endobronchial ...

<https://www.ncbi.nlm.nih.gov/pubmed/29955020>

Mar 27, 2018. **Virtual bronchoscopic navigation (VBN)** can lead bronchoscopes to the target



ALL

IMAGES

VIDEOS

5,720 Results

Any time ▾

Original article: Virtual bronchoscopic navigation ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3221323>

Jul 11, 2011 - Introduction. **Lung cancer** is the leading cause of cancer death in Europe, the USA and Japan. 1–3 Although imaging modalities including CT, MRI and positron emission tomography have been applied, pathological findings remain the benchmark for a **diagnosis of lung cancer**. The increased frequency of high quality CT application has allowed the identification of much smaller and far more ...

Cited by: 155

Author: Takashi Ishida, Fumihiko Asano, Koichi Y...

Publish Year: 2011

Usefulness of virtual bronchoscopic navigation combined ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6408138>

Most patients with **lung cancer** have developed in the middle and advanced stage, with the 5-year survival rate only 15.6%. Meanwhile, the 5-year survival rate of early **lung cancer** patients can be reached as high as 80%, therefore, early **diagnosis of lung cancer** is particularly important.

Cited by: 2

Author: Chunhua Xu, Qi Yuan, Yuchao Wang, We...

Publish Year: 2019

Virtual bronchoscopic navigation: advantages and ...

https://erj.ersjournals.com/content/48/suppl_60/PA4678 ▾

Sep 01, 2016 - Background: Several novel methods have been proposed to improve the diagnostic yield of **transbronchial biopsy for peripheral pulmonary lesions (PPL)**. LungPoint® **virtual bronchoscopic navigation (VBN)** uses **virtual 3-dimensional reconstruction of the bronchial tree** to guide a bronchoscope visually to the lesion. Objective: To analyse the advantages and limitations of VBN for the **diagnosis ...**

Author: Jane Winantea, Stephan Eisenmann, ... Publish Year: 2016

Virtual bronchoscopic navigation as an aid to CT-guided ...

<https://onlinelibrary.wiley.com/doi/10.1111/resp.13377>

Virtual bronchoscopic navigation (VBN) entails the provision of a **virtual display of the bronchial routes** that lead to small **peripheral pulmonary lesions (PPL)**. It has been predicted that a combination of computed tomography (CT)-guided **transbronchial biopsy (CT-TBB)** with VBN might improve the diagnostic yield for small PPL.

Cited by: 4

Author: Akane Kato, Masanori Yasuo, Yayoi Toko...

Publish Year: 2019



5,660 Results Any time ▾

[Usefulness of virtual bronchoscopic navigation combined ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6408138>

Most patients with **lung cancer** have developed in the middle and advanced stage, with the 5-year survival rate only 15.6%. Meanwhile, the 5-year survival rate of early **lung cancer** patients can be reached as high as 80%, therefore, early **diagnosis** of **lung cancer** is particularly important.

Cited by: 3 **Author:** Chunhua Xu, Qi Yuan, Yuchao Wang, We...

Publish Year: 2019

[Virtual bronchoscopic navigation as an aid to CT-guided ...](#)

<https://onlinelibrary.wiley.com/doi/10.1111/resp.13377>

Virtual bronchoscopic navigation (VBN) entails the provision of a **virtual** display of the bronchial routes that lead to small **peripheral** pulmonary lesions (PPL). It has been predicted that a combination of computed tomography (CT)-guided **transbronchial** biopsy (CT-TBB) with VBN might improve the diagnostic yield for small PPL.

Cited by: 5 **Author:** Akane Kato, Masanori Yasuo, Yayoi Tokor...

Publish Year: 2018

[\[The diagnostic utility of virtual bronchoscopic ...](#)

<https://europepmc.org/article/MED/26792054>

Jan 01, 2016 · To evaluate the diagnostic utility of endobronchial ultrasound combined with **virtual bronchoscopic navigation** guided **transbronchial lung** biopsy for solitary pulmonary nodules. A total of 105 patients with suspected **peripheral** pulmonary lesions who underwent **transbronchial lung** biopsy in the First Affiliated Hospital of Guangzhou Medical University between January and December 2013 ...

Cited by: 1 **Author:** Chunli Tang, Weizhan Luo, Changhao Zh...

Publish Year: 2016

PEOPLE ALSO ASK

What is virtual bronchoscopic VBN?