

⁹ **Name of Journal:** *World Journal of Clinical Cases*

Manuscript NO: 55355

Manuscript Type: META-ANALYSIS

⁴ **Diagnostic value of liquid-based cytology and smears cytology in pancreatic endoscopic ultrasound-guided fine needle aspiration: A meta-analysis**

Pan HH *et al.* Liquid-based cytology and smears cytology

Hang-Hai Pan, Xin-Xin Zhou, Fei Zhao, Hui-Yan Chen, Yu Zhang

Abstract

BACKGROUND

Match Overview

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Fine needle aspiration (FNA) cytology has been widely used for the diagnosis of cervical lymphadenopathy. However, some limitations of **the diagnostic** accuracy using conventional smear (CS) **cytology** have been pointed out. **The diagnostic value of liquid-based cytology** (LBC) with FNA specimens has not yet been fully proven. Methods

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Author: Nobuyuki Bandoh, Takashi Goto, Toshiaki...

Publish Year: 2016

[Liquid-based cytology diagnosis of endoscopic ultrasound ...

<https://www.ncbi.nlm.nih.gov/pubmed/26791553>

OBJECTIVE: To investigate **the diagnostic value of liquid-based cytology** test (LCT) in **pancreatic** lesions sampled by ultrasound-guided **fine needle aspiration** (EUS-FNA). METHODS: A retrospective analysis of 556 cases of LCT **smears** sampled by EUS-FNA of **pancreatic** lesions was performed, and 164 cases had histologic diagnosis with subsequent ...

Author: Gao L, Zhang M, He X, Man X, Zhu Y,...

Publish Year: 2016

Diagnostic yield and agreement on fine-needle specimens ...

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Jan 22, 2020 · Background and study aims The traditional "smear technique" for processing and assessing **endoscopic** ultrasound-guided **fine-needle aspiration** (EUS-FNA) is sensitive to artifacts. Processing and evaluation of specimens collected in a liquid medium, **liquid-based cytology** (LBC) may be a solution. We compared **the diagnostic value** of EUS-FNA **smears** to LBC in **pancreatic** solid ...

Author: Priscilla A. van Riet, Rutger Quispel, ...

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Ultrasound (US)-guided **fine needle aspiration (FNA) cytology** is easily performed on an outpatient basis without anesthesia, and is a less-invasive, cost-effective **diagnostic** procedure for breast, thyroid gland, salivary gland, and skin tumors as well as for lymph nodes. 7-13 In the majority of medical centers that perform FNA ...

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Author: Priscilla A. van Riet, Rutger Quispel, ... Publish Year: 2020

Comparison of smear cytology and liquid-based cytology in ...

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The presence of a cytopathologist increases the **diagnostic accuracy of endoscopic ultrasound-guided fine needle aspiration cytology for pancreatic adenocarcinoma: a meta-analysis** Cytopathology, 24 (2013), pp. 159-171

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