

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 59451

Manuscript Type: ORIGINAL ARTICLE

Retrospective Study

Evaluation of controlled attenuation parameter in assessing hepatic steatosis in patients with autoimmune liver diseases

Xi-Xi Ni, Min Lian, Hui-Min Wu, Xiao-Yun Li, Li Sheng, ² Han Bao, Qi Miao, Xiao Xiao, Can-Jie Guo, Hai Li, Xiong Ma, Jing Hua

Abstract

BACKGROUND

Hepatic steatosis commonly occurs in some chronic liver diseases and may affect

Match Overview

1	Crossref 77 words Vincent Wai-Sun Wong, Salvatore Petta, Jean-Baptiste Hiriart, Calogero Cammà et al. "Validity criteria for the diagnosis: ..."	2%
2	Internet 67 words crawled on 18-May-2018 www.wjgnet.com	2%
3	Crossref 47 words Peter J. Eddowes, Magali Sasso, Michael Allison, Emmanuelle Tsochatzis et al. "Accuracy of FibroScan Controlled Attenua	1%
4	Crossref 26 words Maja Thiele, Vanessa Rausch, Gabriele Fluhr, Maria Kjærgaard et al. "Controlled attenuation parameter and alcoholic l...	1%
5	Crossref 20 words Yu-Qiang Mi, Qi-Yu Shi, Liang Xu, Rui-Fang Shi, Yong-Gang Liu, Ping Li, Feng Shen, Wei Lu, Jian-Gao Fan. "Controlled	1%
6	Internet 20 words crawled on 18-Sep-2020 aasldpubs.onlinelibrary.wiley.com	1%
7	Crossref 18 words Ferraioli, Giovanna, Carmine Tinelli, Annalisa De Silvestri, Raffaella Lissandrin, Elisabetta Above, Carolina Dellafiore, Gi	1%
8	Crossref 15 words "Steatohepatitis Clinical Themes", Hepatology, 2013	<1%

Evaluation of controlled attenuation parameter in assessing hepatic



ALL

IMAGES

VIDEOS

69,500 Results

Any time ▼

Controlled Attenuation Parameter for Assessment of Hepatic ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6363949>

The gold standard method for measurement of **hepatic steatosis** is **liver histology**. **Controlled Attenuation Parameter (CAP)** can **measure hepatic steatosis non-invasively**. We aimed to **assess** the accuracy of **CAP** for detection of **hepatic steatosis**.

Cited by: 9

Author: Gyanranjan Rout, Saurabh Kedia, Baiba...

Publish Year: 2019

Diagnostic accuracy of controlled attenuation parameter ...

<https://bmcgastroenterol.biomedcentral.com/articles/10.1186/s12876-019-0961-9>



Apr 08, 2019 · **Controlled attenuation parameter (CAP)** is a non-invasive method for diagnosing **hepatic steatosis**. Despite good diagnostic performance, clinical application of CAP is limited due to the influences of covariates. Here, a systematic review on the performance of CAP in the diagnosis and staging of **hepatic steatosis** in NAFLD **patients** was performed. The sensitivity, ...

Cited by: 14

Author: Ke Pu, Yuping Wang, Suyang Bai, Hui W...

Publish Year: 2019

Relationship between Controlled Attenuation Parameter and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4780461>

In transient elastography, **hepatic steatosis** is determined by the **controlled attenuation parameter (CAP)** and **hepatic fibrosis** is determined by liver stiffness measurement (LSM).^{16–19} This modality is objective and operator-/machine- independent. **CAP** can be used to **assess hepatic steatosis** from 10% of fat content.

Cited by: 10

Author: Jem Ma Ahn, Yong-Han Paik, Sin Yeong...

Publish Year: 2016

Controlled attenuation parameter for the assessment of ...

<https://smw.ch/article/doi/smw.2019.20077> ▼

Evaluation of controlled attenuation parameter in assessing hepatic



ALL

IMAGES

VIDEOS

65,000 Results

Any time ▾

[Diagnostic Accuracy of Controlled Attenuation Parameter ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5729946>

Hepatic steatosis is determined by the controlled attenuation parameter (CAP), which is based on the properties of US signals acquired by the Fibroscan® (Echosens, Paris, France). CAP is an estimate of the total ultrasonic attenuation at the central frequency of the M or XL probe of the Fibroscan and is expressed in **decibel per meter** (dB/m).

Cited by: 9

Author: Patrícia Andrade, Susana Rodrigues, Eduar...

Publish Year: 2017

[Evaluation of liver steatosis, measured by controlled ...](#)

<https://insights.ovid.com/european...> ▾

The **controlled attenuation parameter** (CAP) was applied as an immediate and efficient process to detect and quantify **hepatic steatosis** with adequate accuracy. Aims The aim of this study was to **assess** the difference in **liver steatosis** between **patients with hepatitis C virus-related advanced hepatic fibrosis versus HCC**.

Author: Ashraf O. Abdelaziz, Hend I. Shousha, E...

Publish Year: 2018

[Controlled attenuation parameter for non-invasive ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/pmid/24782622>

Apr 28, 2014 · AIM: To **evaluate** the performance of a novel **non-invasive controlled attenuation parameter** (CAP) to **assess liver steatosis**. METHODS: This was a multi-center prospective cohort study. **Consecutive patients** (aged ≥ 18 years) who had undergone **percutaneous liver biopsy** and CAP measurement were recruited from three **Chinese liver centers**.

Cited by: 64

Author: Feng Shen, Rui-Dan Zheng, Yu-Qiang Mi, Xi...

Publish Year: 2014

[Controlled attenuation parameter for the assessment of ...](#)

<https://smw.ch/article/doi/smw.2019.20077> ▾

Measurement of **controlled attenuation parameter** (CAP) is a novel tool for the non-invasive quantitative and qualitative **assessment of liver steatosis**. CAP is integrated in the elastography tool FibroScan®, which is widely used to **assess liver fibrosis in chronic viral hepatitis** [18, 19]. CAP measures ultrasonic



ALL

IMAGES

VIDEOS

MAPS

NEWS

SHOPPING

65,800 Results

Any time ▾

[Controlled Attenuation Parameter for Assessment of Hepatic ...](#)

<https://www.ncbi.nlm.nih.gov/pubmed/30765934>

Controlled Attenuation Parameter (CAP) can measure **hepatic steatosis non-invasively**. We aimed to **assess** the accuracy of CAP for detection of **hepatic steatosis**. Methods: A total of 462 **patients** (May 2012-January 2017)-89 **non-alcoholic fatty liver disease**, 182 **chronic hepatitis B**, 88 **chronic hepatitis C** and 103 **patients** with other **etiologies** who underwent simultaneous liver biopsy and CAP estimation ...

Cited by: 9

Author: Gyanranjan Rout, Saurabh Kedia, Baibaswa...

Publish Year: 2019

[Diagnostic accuracy of controlled attenuation parameter ...](#)

<https://bmcgastroenterol.biomedcentral.com/...> ▾

Apr 08, 2019 · **Controlled attenuation parameter** (CAP) is a non-invasive method for diagnosing **hepatic steatosis**. Despite good diagnostic performance, clinical application of CAP is limited due to the influences of covariates. Here, a systematic review on the performance of CAP in the diagnosis and staging of **hepatic steatosis** in NAFLD **patients** was performed. The sensitivity, specificity, diagnostic ...

Cited by: 15

Author: Ke Pu, Yuping Wang, Suyang Bai, Hui Wei, Y...

Publish Year: 2019

[Evaluation of liver steatosis, measured by controlled ...](#)

<https://www.ncbi.nlm.nih.gov/pubmed/30179227>

The **controlled attenuation parameter** (CAP) was applied as an immediate and efficient process to detect and quantify **hepatic steatosis with adequate accuracy**. AIMS: The aim of this study was to **assess** the difference in **liver steatosis** between **patients with hepatitis C virus-related advanced hepatic fibrosis versus HCC**.

Author: Ashraf O. Abdelaziz, Hend I. Shousha, E...

Publish Year: 2018

[Controlled attenuation parameter for the assessment of ...](#)

<https://smw.ch/article/doi/smw.2019.20077> ▾