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Sarcopenia and cognitive impairment in liver cirrhosis: A viewpoint on the clinical impact of minimal hepatic encephalopathy

Nardelli S *et al.* Sarcopenia and cognitive impairment in liver cirrhosis

Silvia Nardelli, Stefania Gioia, Jessica Faccioli, Oliviero Riggio, Lorenzo Ridola

Abstract

Minimal hepatic encephalopathy (MHE) represents the mildest type of hepatic encephalopathy (HE). MHE is considered as a preclinical stage of HE and is part of a wide

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Author: Barbara Lattanzi, Daria D'Ambrosio, Man...

Publish Year: 2019

Clinical relevance of sarcopenia in patients with cirrhosis

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4081677>

Jul 07, 2014 - Core tip: **Severe muscle wasting** or **sarcopenia** is one of the most common and frequently **hidden complications** in patients with **cirrhosis**, which negatively **impact survival**, quality of life, and response to **stressor**, such as infections and surgeries.

Cited by: 125

Author: Aldo J Montano-Loza

Publish Year: 2014

Is sarcopenia associated with hepatic encephalopathy in ...

<https://www.sciencedirect.com/science/article/pii/S0929664618302432>

Supplementary Fig. 2 Forest plot of the stratified analysis based on differences in the methods of **sarcopenia measurement** (A), protocols of grading and **diagnosing hepatic encephalopathy** (B) and treatments for **complications of liver cirrhosis**, such as trans-jugular portosystemic **shunt** (TIPS).

Author: Ke-Vin Chang, Jin-De Chen, Wei-Ting ...

Publish Year: 2019

Spectrum of neurocognitive impairment in cirrhosis ...

<https://aasldpubs.onlinelibrary.wiley.com/doi/full/10.1002/hep.23216>

Nov 20, 2009 - **Cirrhosis** and chronic **liver disease** adversely affect neurocognitive functioning. 1 These deficits range from neurological complications such as **hepatic myelopathy** to **cognitive** and mental status changes such as **hepatic encephalopathy** (HE). 2 These neurocognitive difficulties can also severely restrict the patient's functioning and result in morbidity and mortality. 3-6 The most prominent ...

Cited by: 268

Author: Jasmohan S. Bajaj, James B. Wade, Aru...

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Sarcopenia predicts minimal hepatic encephalopathy in ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/hepr.12873>

Minimal hepatic encephalopathy (MHE) and **sarcopenia** impair the health-related quality of life and prognosis of patients with **liver cirrhosis**; however, the relationship between MHE and **sarcopenia** remains unclear. The aim of this study was to investigate their relationship and to identify the predictors of MHE in **cirrhotic** patients.

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Author: Tatsunori Hanai, Makoto Shiraki, Satoshi ...

Publish Year: 2017

Hepatic Encephalopathy and Sarcopenia: Two Faces of the ...

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In conclusion, **sarcopenia** is an important burden in **liver cirrhosis** and evidences support that it is strictly correlated with **cognitive impairment in cirrhotic patients**. This gives a glimpse of the relationship between **muscle** and **brain in liver cirrhosis** which is mediated by metabolic changes in which the role of **hyperammonemia** is of great importance. 21

Cited by: 3

Author: Barbara Lattanzi, Daria D'Ambrosio, Man...

Publish Year: 2019

Sarcopenia predicts minimal hepatic encephalopathy in ...

https://www.researchgate.net/publication/313778915_Sarcopenia_predicts_minimal_hepatic...

Moreover, **sarcopenia** is an independent predictor of **complications** in **patients with liver cirrhosis**, including **Hepatic Encephalopathy** (HE).

Spectrum of neurocognitive impairment in cirrhosis ...

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Sarcopenia and cognitive impairment in liver cirrhosis: A viewpoint on the clinical



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Hepatic Encephalopathy and Sarcopenia: Two Faces of the ...

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Sarcopenia predicts minimal hepatic encephalopathy in ...

<https://www.semanticscholar.org/paper/Sarcopenia-predicts-minimal-hepatic...>

AIM Minimal hepatic encephalopathy (MHE) and **sarcopenia** impair the health-related quality of life and prognosis of patients with **liver cirrhosis**; however, the relationship between MHE and **sarcopenia** remains unclear. The aim of this study was to investigate their relationship and to identify the predictors of MHE in cirrhotic patients. **METHODS** This retrospective study evaluated 120 cirrhotic ...

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Publish Year: 2017

Clinical relevance of sarcopenia in patients with cirrhosis

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4081677>

Jul 07, 2014 · The most commonly recognized complications in cirrhotic patients include ascites, **hepatic encephalopathy**, variceal bleeding, susceptibility for infections, kidney dysfunction, and hepatocellular