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Interobserver Agreement for Contrast-enhanced Ultrasound (CEUS) of Liver Imaging Reporting and Data System: A Systematic Review and Meta-Analysis

Meta-analysis for CEUS LI-RADS

Abstract

BACKGROUND

Hepatocellular carcinoma (HCC) is the most common primary liver malignancy, From the results of previous studies, Liver Imaging Reporting and Data System (LI-RADS) on Contrast-enhanced Ultrasound (CEUS) has shown a satisfactory diagnostic value. However, a unified conclusion on the interobserver stability of this innovative ultrasound imaging has not been determined. the present meta-analysis examined the interobserver agreement of CEUS LI-RADS to provide some reference for subsequent related research.

AIM

The present study evaluated the interobserver agreement of Liver Imaging Reporting and Data System (LI-RADS) on Contrast-enhanced Ultrasound (CEUS) and analyzed the sources of heterogeneity between studies.

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Author: JiaWu Li, WenWu Ling, Shuang Chen... **Publish Year:** 2019

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Interobserver agreement. The IOA evaluation **data** are presented in Table 2. The overall IOA for CH-EUS was fair. Group A had the highest IOA, followed by groups C, B, and D. The IOA of groups A and C was significantly higher than that of group D. No significant difference was seen between groups A, B, and C or between groups B and D in terms of IOA.

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Author: Alexander M. Veziridis, Yuko Kono **Publish Year:** 2020