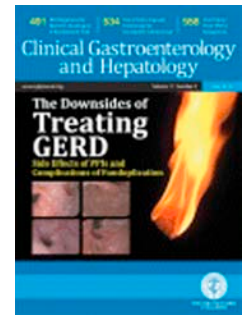


# Accepted Manuscript

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## **Validation of EncephalApp, Smartphone-based Stroop Test, for the Diagnosis of Covert Hepatic Encephalopathy**

**Short-title:** EncephalApp for Covert Hepatic Encephalopathy

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**Abbreviations:** CHE: Covert hepatic encephalopathy, OHE: overt hepatic encephalopathy, TIPS: transjugular intra-hepatic portosystemic shunting, SONIC: spectrum of neuro-cognitive impairment in cirrhosis, AUC: area under the curve, ROC: receiver operating characteristic

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