

SUPPLEMENTARY MATERIAL

1. Search strategy

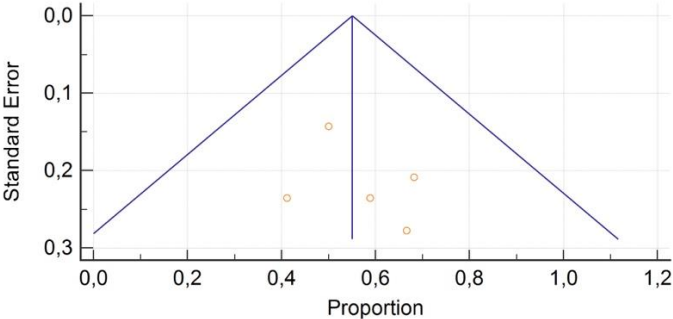
We searched in the MEDLINE and Embase databases, without language constraints. Also, references of studies searched were included. The following strategy was employed in MEDLINE: 2019/12/01:2020/06/03 [dp] ((2019 nCoV) OR (2019nCoV) OR (2019 novel coronavirus) OR (COVID 19) OR (COVID19) OR (new coronavirus) OR (novel coronavirus) OR (SARS CoV-2) OR (Wuhan AND coronavirus) OR (COVID 19) OR (SARS-CoV) OR (2019-nCoV) OR (SARS-CoV-2) OR (coronavirus disease 2019) OR (coronavirus disease-19)) AND (Pathology OR Autopsy OR Biopsy OR Histology OR Histopathology OR Necropsy).

The following strategy was employed in Embase: (2019 AND ncov OR 2019ncov OR (2019 AND novel AND ('coronavirus'/exp OR coronavirus)) OR covid19 OR (new AND ('coronavirus'/exp OR coronavirus)) OR (novel AND ('coronavirus'/exp OR coronavirus)) OR (('sars'/exp OR sars) AND 'cov 2') OR (wuhan AND ('coronavirus'/exp OR coronavirus)) OR (covid AND 19) OR 'sars cov'/exp OR 'sars cov' OR '2019 ncov' OR 'sars cov 2' OR (('coronavirus'/exp OR coronavirus) AND ('disease'/exp OR disease) AND 2019) OR (('coronavirus'/exp OR coronavirus) AND 'disease 19')) AND ('pathology'/exp OR pathology OR 'autopsy'/exp OR autopsy OR 'biopsy'/exp OR biopsy OR 'histology'/exp OR histology OR 'histopathology'/exp OR histopathology OR 'necropsy'/exp OR necropsy) AND [1-12-2019]/sd NOT [4-6-2020]/sd AND [humans]/lim AND [embase]/lim

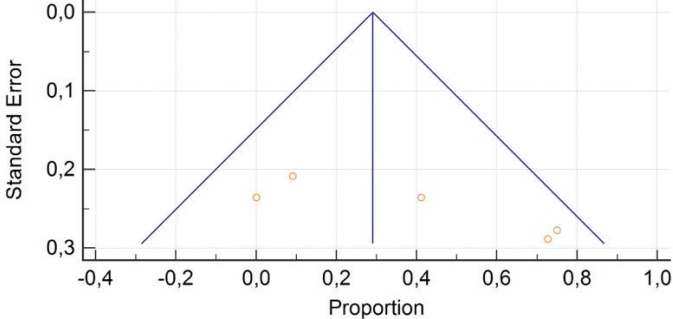
We also hand searched (up to June 3, 2020) preprint servers (bioRxiv, medRxiv, and Social Science Research Network First Look) and coronavirus resource centers of The Lancet, JAMA, and New England Journal of Medicine. We did not limit our search by language.

2. Funnel plots

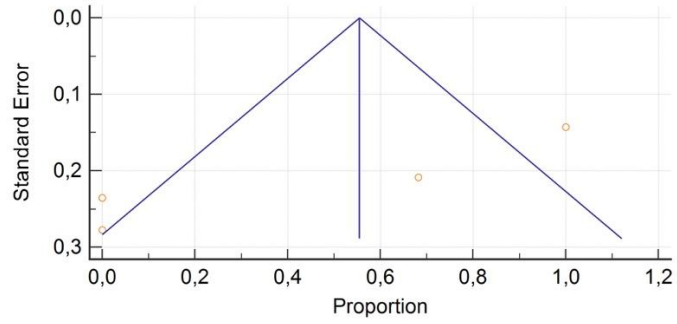
A Hepatic steatosis



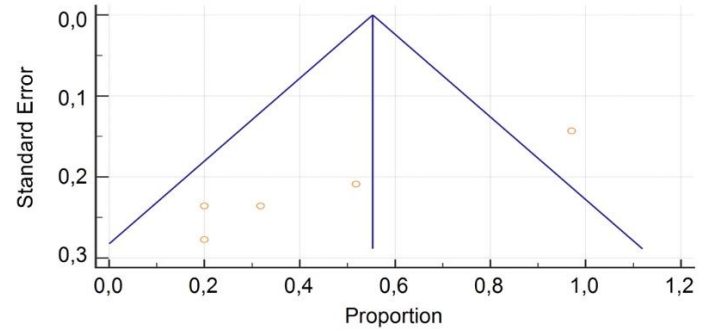
B Congestion of hepatic sinuses



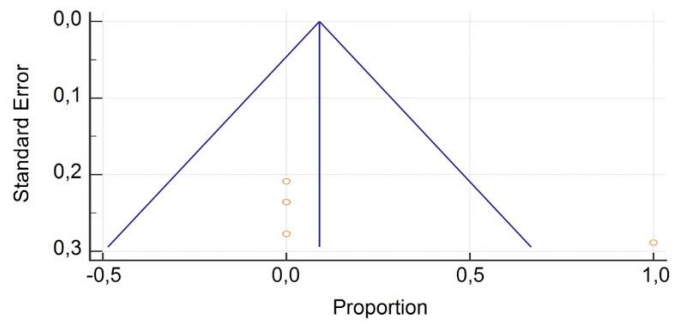
C Vascular thrombosis



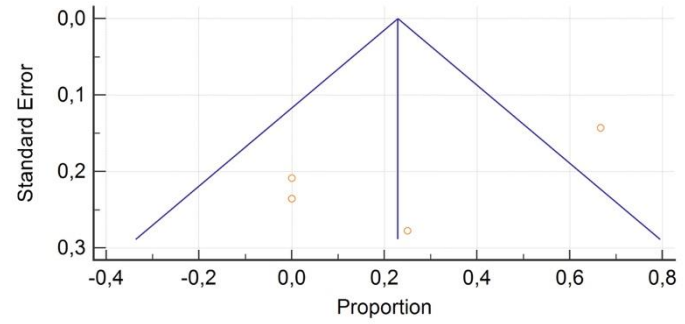
D Hepatic fibrosis



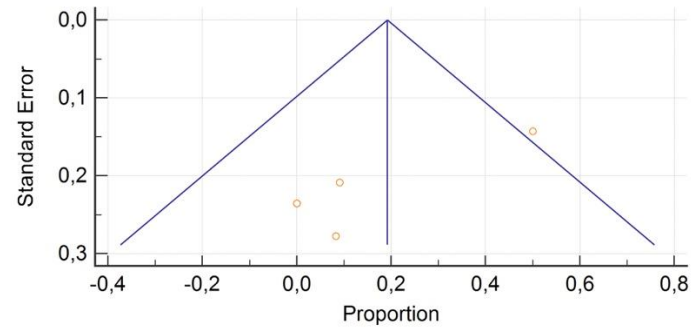
E Kupffer cell hyperplasia



F Portal inflammation



G Lobular inflammation



Supplementary Figure 1.- Funnel plot of the studies included for hepatic steatosis (A), congestion of hepatic sinuses (B), vascular thrombosis (C), fibrosis (D), Kupffer cell proliferation or hyperplasia (E), portal inflammation (F), and lobular inflammation (G).