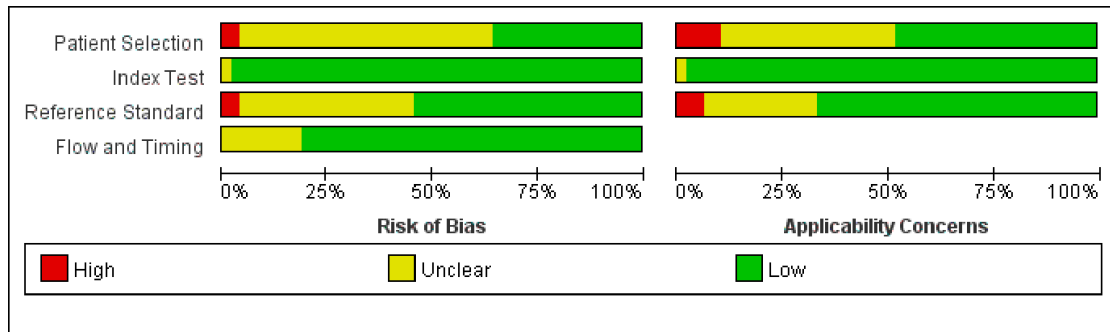


Supplementary Online Conte

Deep Learning Algorithms in Medical Image-based Hepatocellular Carcinoma Diagnosis: A Systematic Review and Meta-analysis

Supplementary Figure S1: QUADAS-2 summary plot. Risk of bias and applicability concerns summary about each QUADAS-2 domain presented as percentages across the 48 included studies [19–66]



Supplementary Figure S2: Risk of bias and concern of applicability for each item in included studies [19–66].

	Risk of Bias				Applicability Concerns		
	Patient Selection	Index Test	Reference Standard	Flow and Timing	Patient Selection	Index Test	Reference Standard
A. Anisha ,G.Jiji (2023)	?	+	?	?	?	+	+
Abhishek Midya (2023)	+	+	+	+	+	+	+
Amita Das (2019)	?	+	+	+	?	+	+
Anh Cang Phan (2023)	?	+	?	+	?	+	?
B. Schmauch (2019)	?	+	?	?	?	+	?
Cătălin Daniel.C (2021)	?	+	?	+	?	+	?
Charlie A. Hamm (2019)	?	+	?	+	?	+	+
Delia A. Mitrea (2023)	?	+	+	+	+	+	+
Delia Mitrea (2019)	?	+	?	+	?	+	?
Dong Wook Kim (2021)	+	+	+	+	+	+	+
Fengxin Pan (2019)	?	+	+	+	+	+	+
Hang Zhou (2021)	+	+	+	+	+	+	+
Hüseyin Kutlu (2019)	?	+	+	+	+	+	+
Jilan Huang (2023)	+	+	+	+	+	+	+
Junmo Kim (2020)	+	+	+	+	+	+	+
Koichiro Yasaka (2017)	+	+	+	+	+	+	+
Makoto Yamakawa (2019)	?	+	?	?	?	+	+
Meiyun Wang (2021)	+	+	+	+	+	+	+
Murtada.K.E.(2023)	?	+	?	?	?	+	+
NamJoon Kim (2023)	?	+	?	+	?	+	?
Paula M. Oestmann (2021)	?	+	+	+	+	+	+
Peng Wang (2021)	+	+	+	+	+	+	+
Prabhu Kavin .B (2023)	?	+	?	+	?	+	?
Puja Bharti (2018)	?	+	?	+	?	+	?
Qingqing Chen (2022)	+	+	+	+	+	+	+
Qiyuan Wang (2020)	?	+	+	+	+	+	?
Raluca Brehar (2020)	?	?	?	?	+	?	+
Rayyan Azam Khan (2023)	?	+	+	+	?	+	+
Rencheng Zheng (2021)	+	+	+	+	+	+	+
Róbert Stollmayer (2021)	+	+	+	+	+	+	+
Ruitian Gao (2021)	+	+	+	+	+	+	+
Sayan Saha Roy (2023)	?	+	?	+	?	+	+
Shihui Zhen (2020)	+	+	+	+	+	+	+
Shu-Hui Wang (2021)	+	+	+	+	+	+	+
SuE Cao (2020)	?	+	+	+	+	+	+
Tarek M. Hassan (2017)	?	+	?	?	?	+	?
Weibin Zhang (2022)	+	+	+	+	+	+	+
Wen Fan Chen (2021)	+	+	?	+	+	+	?
Wenqi Shi (2020)	+	+	+	+	+	+	+
Xiangfei Feng (2023)	?	+	?	+	?	+	?
Xiaojiao Xiao (2022)	?	+	?	?	?	+	?
Xibin Jia (2019)	?	+	+	+	?	+	+
Xingxin Xu (2023)	?	+	?	+	?	+	?
Xuehu Wang (2023)	+	+	?	?	+	+	+
Xuepeng Zhang (2023)	?	+	?	?	?	+	+
Yangling Liu (2023)	+	+	+	+	+	+	+
Yating Ling (2022)	?	+	+	+	+	+	+
Yubao Cao (2022)	?	+	+	+	+	+	+

High
Unclear
Low