Supplementary file 1

Introducing and Validating the Multiphasic Evidential Decision-Making Matrix (MedMax) for Clinical Management in Patients with Intrahepatic Cholangiocarcinoma

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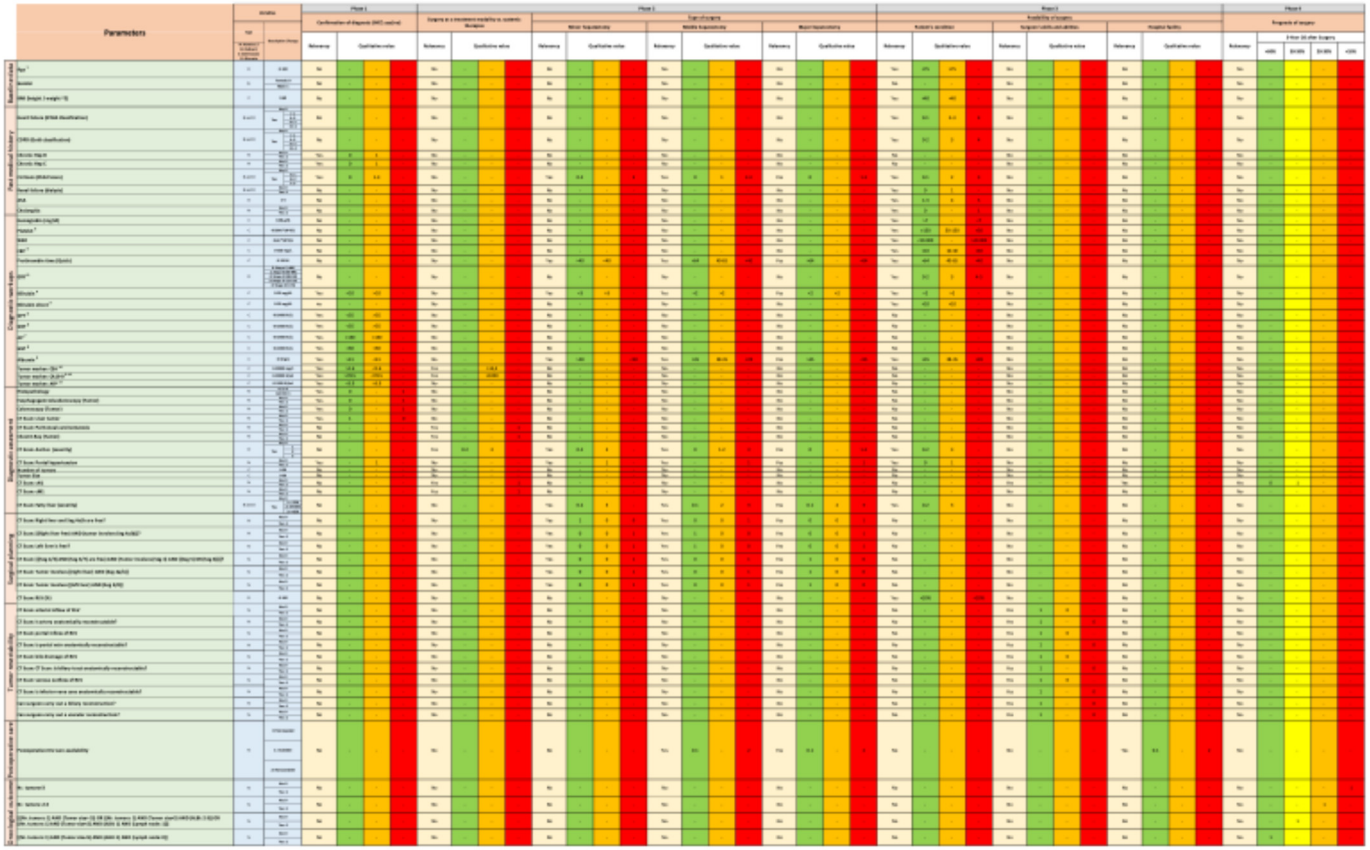
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Supplementary Table S1. Factors associated with the therapeutic decision-making in patients with intrahepatic cholangiocarcinoma and outcomes of evaluation by experts.

Variables	Study	Average of Likert's scale
Age	Vitale et al.(1), Riediger et al.(2)	Most include
Gender	Zou et al.(3)	Should include
BMI	Merath et al.(4), Yugawa et al.(5), Zhao et al.(6)	Most include
ASA	Lopez-Lopez et al.(7), Jehan et al.(8)	Most include
Hepatitis	Wang et al.(9)	Most include
Cirrhosis	Jesper et al.(10), Capriani et al.(11)	Most include
Renal failure	Bagante et al.(12), Yoshikawa et al.(13)	Should include
Cholangitis	van Keulen et al.(14)	Most include
Hemoglobin	Badawy et al.(15), Giehl-Brown et al.(16)	Most include
Platelet	Chatzipanagiotou et al.(17), Chen et al.(18), Margonis et al.(19)	Should include
CRP	Ito et al.(20), Nakao et al.(21), Lin et al.(22)	Should include
Prothrombin time	Yokoyama et al.(23), Wang et al.(24)	Most include
GFR	Bagante et al.(12), Iwasaki et al.(25)	Should include
Bilirubin	Munir et al.(26), Kirkland et al.(27)	Most include
Albumin	Shen et al.(28), Tsilimigras et al.(29)	Most include
Transaminases		Suggested by >50% of surgeons
Alkaline phosphatase	Zhang et al.(30)	Should include
CEA	Moro et al.(31), Fu et al.(32)	Should include
CA19-9	Moro et al.(31), Fu et al.(32)	Most include
AFP		Suggested by >50% of surgeons
Portal hypertension	Fu et al.(33)	Most include
Number of tumors	Jansson et al.(34), Buettner et al.(35), Nassar et al.(36)	Most include
Tumor size	Kong et al.(37), Kanu et al.(38)	Most include

Lymph node metastase	Jolissaint et al.(39), Zhang et al.(40), Kim et al.(41)	Most include
Distant metastases		Suggested by >50% of surgeons
Tumor location	Orimo et al.(42), Li et al.(43)	Most include
Remnant liver volume	Wang et al.(44), Bednarsch et al.(45)	Most include
Surgeons' experience		Suggested by >50% of surgeons
Vascular infiltration/resection	Reams et al.(46), Conci et al.(47)	Most include
Bile duct infiltration/resection		Should include
Postoperative intensive care	Lafaro et al.(48)	Should include

Supplementary Figure S1. Design of the decision-making matrix including parameters and phases.



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