

Supplementary Table 1

Ref.	Age /Sex	Size of EHCC (mm)	Location	Conn ectio n with liver	Mo the r live r	HCC in mot her liver (post - dete ction)	Treatment for ectopic HCC	Outcome	OS (mo)	RFS (mo)	Recur rence	Ser um AF P	AF PL 3	PIV KAI I	HB V	H C V	Diff .	A F P	Hep Per- 1	Gl yp 3.	p 5 3	C K 7	C K 8	C K1 8	C K2 0	Other IHC findin gs
Diego et al. 2019 ^[4]]	68F	80×60 ×40	Between n the liver, stomac h and diaphra gm	Nil	NC	NT	Surgery	Alive	24	24	No recurr ence	-	-	-	neg	ne g	mod	-	pos	pos	-	n eg	n eg	po s	ne g	Alpha- inhibi n+, CEA+, Ki- 67+(20 %), CK34-, c-KIT-, viment in- chrom ograni n-, CDX2-

Jin et al. 2017 ^[1]	56M	multiple	abdominal cavity	Nil	NC	NT	surgery adjuvant TACE	died	22	8	Multiple recurrence in abdomen	8.03	-	-	HBs pos	neg	-	neg	-	-	-	neg	pos	-	neg	HMB45-, CK-Pan+, Vimentin-, S100-, CEA+
George et al. 2017 ^[5]	69M	-	in a choledochal cyst	-	NC	NT	biliary stent	-	-	-	-	2.9	-	-	neg	HC V-Ab pos	-	-	pos	-	-	-	-	-	-	-
Lee et al. 2017 ^[6]	44F	40×30, 50×40	head and body of pancreas	Nil	NC	NT	surgery	alive	18	18	No recurrence	553.9	-	-	HBc pos	neg	-	pos	neg	-	-	neg	-	-	neg	Ki-67+(80%), Synaptophysin-, CK-Pan+, Chrom

J														Vimen													
														tin-,													
														S100-,													
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[illegible]

al.			cavity																											
2012 ^[1]																														
2]																														
Nishi			left																											
kawa	64M	multi ple	diaphra	Nil	NC	NT	biopsy	-	-	-	-	848	-	1384	HBs	neg	-	p	-	-	-	-	-	-	-	-	PIVK			
et al.			gm												os			A II+												
2011 ^[1]			(both lungs)												pos															
3]																														
Mats																														
uyam	69M	60×40, 30×20	in the spleen	Nil	NC	NT	chemothera py (cisplatin+e toposide+bl eomycin)	died	34	-	-	-	-	-	-	neg	mod	-	pos	-	-	-	-	-	-	-	CAM5			
a et al.																														
2011 ^[1]																														
4]																														
Kanz			the left																											
aki et	59F	20	triangul	Stalk	NC	NT	lap surgery	alive	18	18	No recurr ence	250	-	nor mal	neg	neg	mod	p	pos	-	-	-	-	-	-	-	-			
al.			ar															os										5-,		
2010 ^[1]			ligame nt															pos										NSE-,		
5]																														
Singh			left																											
et al.	60M	80×80 ×80	suprare	Nil	NC	NT	surgery	died	6	6	Recur rence in the liver	-	-	-	HBs	neg	-	p	pos	-	-	-	-	-	-	-	HMB4			
2010 ^[1]			nal												os			5-,												
6]			region															NSE-,												
S100-, CD45-, epithel ial memb																														

																									range Ag-, βHCG -, Chrom ogranin A-
Fukuda et al. 2009 ^[17]	47F	20	between the IVC and right lobe (S7)	SM	NC	NT	surgery	-	-	-	-	997	37.9	700	neg	neg	mod	pos	pos	-	-	-	-	-	-
Seo et al. 2008 ^[21]	59M	46×36 ×35	between the diaphragm and the spleen	FB	NC	NT	lap surgery	-	-	-	-	normal	-	-	neg	neg	-	-	pos	-	-	-	-	-	-
Kubota et al. 2007 ^[18]	56M	63×62	pancreatic tail	Nil	NC	NT	surgery	alive	36	36	No recurrence	normal	-	normal	neg	neg	mod	neg	pos	-	-	neg	neg	pos	neg
																									COX- 2+, CAM5 .2+, MOC- 31-,

																									MUC1 -, TTF- 1-	
Huan g et al. 2007 ^[1 9]	62F	100×7 0×80	over the the left subphr enic space	Nil	NC	NT	surgery+adj uvant chemothera py (cisplatin+ VP- 16+bleomyc in)	alive	8	8	No recurr ence	450 00	-	-	neg	ne g	-	p os	-	-	-	-	-	-	-	-
Liu et al. 2007 ^[2 0]	81F	150×1 00	lower abdom en	Nil	NC	NT	surgery	-	-	-	-	353 50	-	-	neg	ne g	-	-	-	-	-	-	-	-	-	-
																									A1AT +, CK19+ , Synapt ophysin -, Chrom ograni n A-	
Card ona et al. 2007 ^[2 1]	58M	35×25 ×25	distal body of the pancrea s	Nil	NC	NT	surgery	alive	15	15	No recurr ence	-	-	-	neg	ne g	wel	n e g	pos	-	-	-	-	-	-	-
Shige	72M	140×1	in the	Nil	NC	NT	surgery	alive	12	2	Recur	991	74.	nor	neg	ne	-	p	pos	-	-	n	p	po	ne	-

Arakawa et al. 1999[25]	64M	45×20×20	gastric serosa	Stalk	HC	NT	surgery	died	15	12	Recurrent liver and lung	4900	-	-	neg	neg	-	pos	-	-	-	-	-	-	-	-	-
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SM: Separated by membrane; FB: Connection by fibrous band; C: Cirrhosis; NC: No cirrhosis; HC: Hepatitis chr.; NT: No tumor in mother liver; Diff.: Differentiation; pos: Positive; neg: Negative; IHC: Immunohistochemical; Glyp3: Glypican3.