

Endoscopic versus Open Radiofrequency Ablation for Treatment of Small Hepatocellular Carcinoma

著者	SAKODA Masahiko, UENO Shinichi, IINO Satoshi, MINAMI Koji, ANDO Kei, KAWASAKI Yota, KURAHARA Hiroshi, MATAKI Yukou, MAEMURA Kousei, SHINCHI Hiroyuki, NATSUGOE Shoji
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Table 1 Background characteristics of study subjects

Variable	Open (n=32)	LTS (n=23)	<i>p</i> Value
Age (years)	69 (49-83)*	63 (49-74)*	0.01
Gender			0.88
Male	24 (75%)	16 (70%)	
Female	8 (25%)	7 (30%)	
Viral hepatitis status			0.37
HBV	5 (16%)	2 (9%)	
HCV	21 (66%)	19 (82%)	
Non-viral	6 (18%)	2 (9%)	
ICGR 15 (%)	24.8 ± 1.8	34.9 ± 2.7	0.002
Child-Pugh			0.39
A	16 (50%)	8 (35%)	
B	16 (50%)	15 (65%)	
Tumor number	1.7 ± 0.2	1.7 ± 0.2	0.81
Tumor size (cm)	2.3 ± 0.1	2.0 ± 0.1	0.049
AFP (ng/mL)	77.2 ± 26.2	51.6 ± 17.5	0.45

LTS laparoscopic/thoracoscopic, *HBV* hepatitis B virus, *HCV* hepatitis C virus, *ICGR 15* indocyanine green retention test, *AFP* alpha-fetoprotein

* Range

Table 2 Tumor locations of two groups

Group	Location (segment)							
	I	II	III	IV	V	VI	VII	VIII
Open (lesions n=51)	2	1	4	9	10	7	3	15
LTS (lesions n=33)	1	0	8	1	8	1	4	10

LTS laparoscopic/thoracoscopic

Table 3 Operative characteristics and clinical outcome after operation

	Open (n=32)	LTS (n=23)	<i>p</i> Value
Operation time (min)	193 ± 11	156 ± 11	0.02
Blood loss (ml)	162 ± 27	71 ± 25	0.02
Postoperative complication	4 (13%)	3 (13%)	>.9999
Pleural effusion	0	2	
Atelectasis	0	1	
Ileus	1	0	
Enteritis	1	0	
Surgical site infection	2	0	
Postoperative hospital stay (day)	15.3 ± 1.1	12.1 ± 0.9	0.04

LTS laparoscopic/thoracoscopic

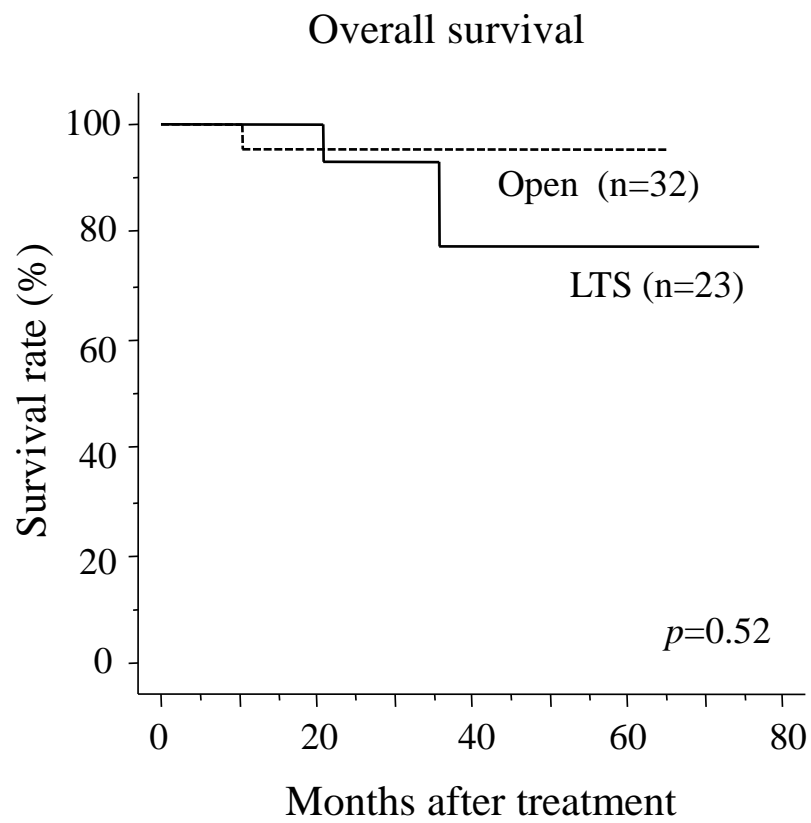


Fig. 1

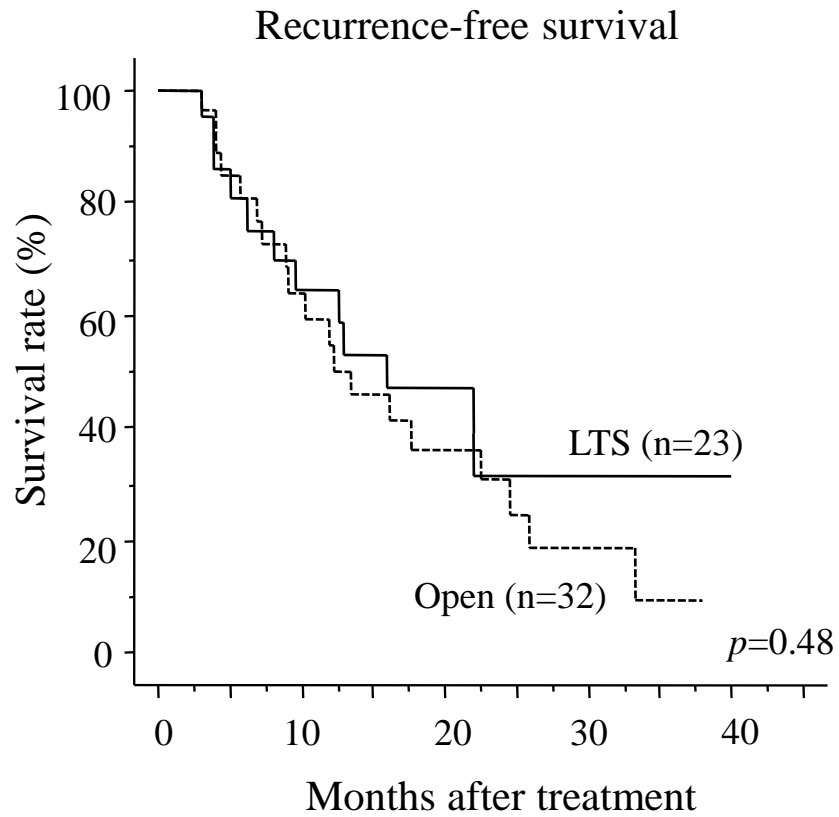


Fig. 2

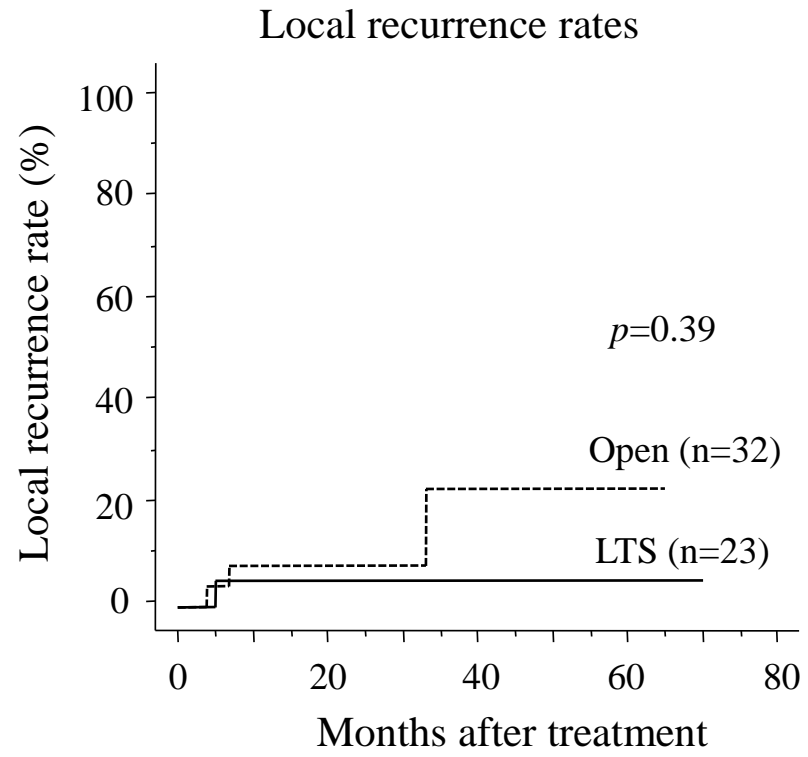


Fig. 3