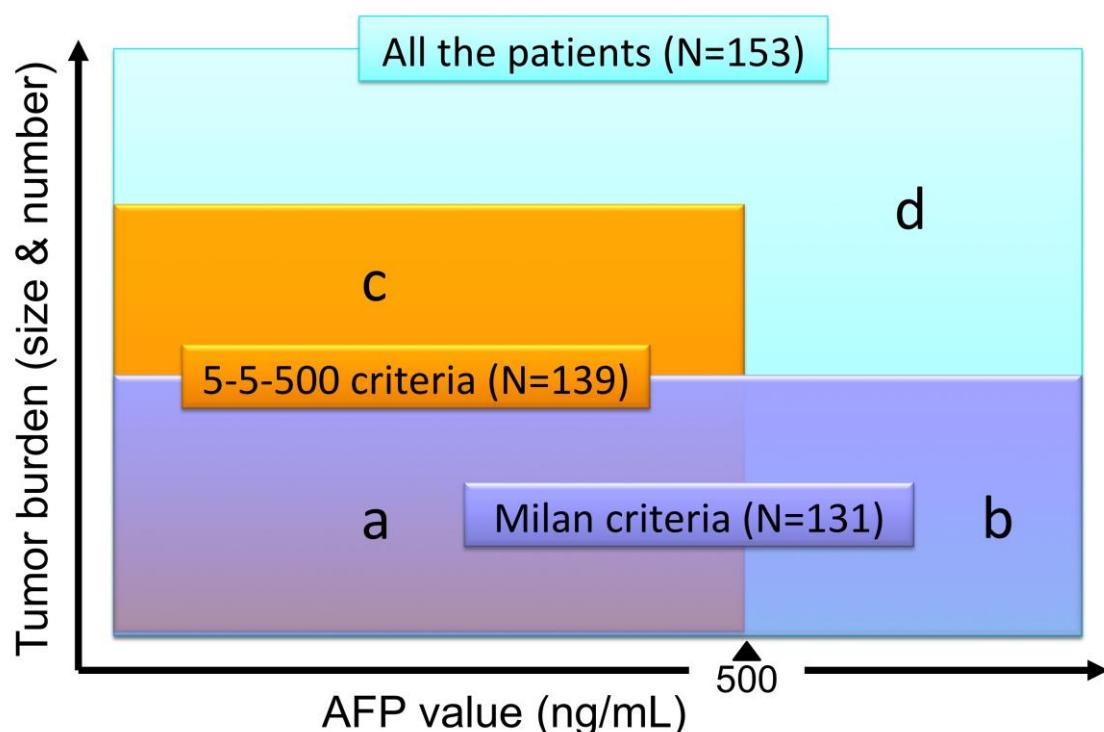


1 **Supplementary Material: Validation of novel Japanese  
2 indication criteria and biomarkers among living donor liver  
3 transplantation recipients with hepatocellular carcinoma – a  
4 single center retrospective study**

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7 **Supplementary Figure 1.** Venn diagram of indication criteria for liver transplantation  
8 a: within Milan and 5-5-500 criteria, b: within Milan but beyond 5-5-500 criteria, c: within 5-5-500 but  
9 beyond Milan criteria, d: beyond Milan and 5-5-500 criteria (beyond Japanese double eligibility criteria)  
10 AFP: alpha-fetoprotein.

11 \*Japanese double eligibility criteria comprised of a, b, and c.

12



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3 **Supplementary Table 1. The number of patients and patients with recurrence in each indication**  
4 **criteria**

	Patients meeting each indication criteria*	Patients with recurrence†
All the patients (a+b+c+d)	153	15 (9.8%)
Within Milan criteria (a+b)	131	9 (6.9%)
Within 5-5-500 criteria (a+c)	139	9 (6.5%)
Within Japanese DEC (a+b+c)	146	12 (8.2%)
Within Milan and 5-5-500 criteria (a)	124	6 (4.8%)
Within Milan but beyond 5-5-500 criteria (b)	7	3 (42.9%)
Within 5-5-500 but beyond Milan criteria (c)	15	3 (20%)
Beyond Japanese DEC (d)	7	3 (42.9%)

5 \*The number of patients meeting each indication criteria was presented. †The number of patients with recurrence and recurrence  
6 rate of patients meeting each indication criteria were presented. DEC: double eligibility criteria.

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