

**Supplementary Table 1.** Endoscopic Ultrasound-Guided, Percutaneous, and Transjugular Liver Biopsy: Cumulative Pooled Results

	<b>Cumulative EUS-Guided (EUSLB)<sup>a)</sup></b>	<b>Clinically Relevant EUS-Guided (EUSLB)<sup>b)</sup></b>	<b>PCLB</b>	<b>TJLB</b>
No. of patients	301	188	176	179
Mean age (yr)	51.75±2.60	52.17±3.06	50.50±2.84	52.58±2.69
Male (%)	35.52%	41.81%	69.96%	54.07%
Adequacy of specimens (%)	93.51% (95% CI, 60.41 to 99.27) $I^2=88.40\%$	97.72% (95% CI, 93.16 to 99.26) $I^2=0.00\%$	98.27% (95% CI, 93.31 to 99.57) $I^2=0.00\%$	97.61% (95% CI, 93.39 to 99.16) $I^2=0.00\%$
Complete portal triads	13.37±5.41	14.23±2.84	13.18±2.11	13.88±3.19
Total specimen length (mm)	34.48±8.00	34.48±8.00	22.9±5.36	28.07±8.66
Length of longest piece (mm)	7.96±4.46	10.89±3.37	12.42±1.21	10.95±1.31
Adverse event rate (%)	10.11% (95% CI, 1.88 to 39.70) $I^2=56.21\%$	10.11% (95% CI, 1.88 to 39.70) $I^2=56.21\%$	15.21% (95% CI, 7.17 to 29.39) $I^2=0.00\%$	7.75% (95% CI, 2.15 to 21.50) $I^2=0.00\%$

CI, confidence interval; EUSLB, endoscopic ultrasound-guided liver biopsy; PCLB, percutaneous liver biopsy; TJLB, transjugular liver biopsy.

<sup>a)</sup>Includes studies with fine needle aspiration, fine needle biopsy needles not in routine clinical practice.

<sup>b)</sup>Excludes studies with fine needle aspiration, fine needle biopsy needles not in routine clinical practice.