

Table S1. Accuracy of ultrasonography for the detection of lesions in different localizations and predictions of disease stage, surgical complexity, and residual disease, stratified by patients' BMI ¹.

Parameter	BMI¹	Sensitivity %	Specificity %	PPV² %	NPV³ %	Accuracy %
Omentum	>30	89.5	83.3	89.5	71.4	93.2
	≤30	100	87.1	90.0	67.5	95.4
Small bowel mesentery root	>30	93.3	100	100	50.0	93.8
	≤30	96.3	90.9	98.7	76.9	95.7
Peritoneum, abdomen	>30	85.7	60.0	60.0	85.7	70.6
	≤30	88.4	50.9	59.4	84.4	67.7
Peritoneum, pelvis	>30	70.0	87.5	70.0	87.5	82.4
	≤30	85.0	79.2	51.5	95.3	80.4
Ascites	>30	88.9	100	100	88.9	94.1
	≤30	97.9	95.8	96.0	97.9	96.9
Liver hilum	>30	96.8	50.0	93.7	66.7	91.4
	≤30	100	40.0	90.1	100	90.7
Spleen, parenchymal	>30	100	100	100	100	100
	≤30	100	-	100	-	100
Spleen, hilum	>30	100	77.8	92.8	100	94.3
	≤30	86.6	76.7	89.2	71.9	83.5
Diaphragm, right	>30	100	50.0	60.9	100	71.9
	≤30	86.1	62.3	57.4	88.4	71.1
Diaphragm, left	>30	100	25.0	80.6	100	81.8
	≤30	92.7	19.2	75.9	50	73.2
Frozen pelvis	>30	96.0	60.0	85.7	85.7	85.7
	≤30	94.4	83.3	94.4	83.3	91.6
Rectum	>30	75.0	93.3	93.7	73.7	82.8
	≤30	84.0	91.5	91.3	84.3	87.6
Stage prediction ⁴	>30	92.9	71.4	92.9	71.4	88.6
	≤30	86.2	76.5	94.5	54.2	84.5
Surgical complexity prediction ⁵	>30	85.7	84.2	80.0	88.9	84.9
	≤30	82.8	68.6	60.0	87.5	73.8
Residual disease prediction ⁶	>30	33.3	92.6	50.0	86.2	81.8
	≤30	42.9	100	100	76.5	80.0

¹ BMI, body mass index; ² PPV, positive predictive value; ³ NPV, negative predictive value; ⁴ stage prediction: early or advanced; ⁵ Surgical complexity as defined in publication Aletti D.G. et al. *Am J Obstet Gynecol* **2007**; 197: 676.e671-677, analysed only if open surgery with attempted cytoreduction or full staging (n = 113), stratified into two subgroups: low/intermediate and high; ⁶ Residual disease after surgery—prediction based on ultrasonography, without stratification into early or advanced disease, analysed only if open surgery with attempted cytoreduction or full staging (n = 113).