

Table 2 Accuracy of ultrasound in the diagnosis of appendicitis (surgical outcome as the gold standard), by sex and body mass index (BMI) category

Sex/BMI category	True positive	False positive	True negative	False negative	Total	Sensitivity	Specificity	Positive predictive value	Negative predictive value
	No.	No.	No.	No.	No.	%	%	%	%
Total	112	8	40	20	180	84.8	83.3	93.3	66.7
Males									
Normal	80	1	3	0	84	100.0	75.0	98.7	100.0
Overweight	8	1	5	2	16	80.0	83.4	88.8	71.4
Obese	2	2	22	2	28	50.0	91.7	50.0	91.7
Subtotal	90	4	30	4	128	95.7	88.2	95.7	88.2
Females									
Normal	14	0	10	4	28	77.8	100.0	100.0	71.4
Overweight	6	0	0	10	16	37.5	0	100.0	0
Obese	2	4	0	2	8	50.0	0	33.4	0
Subtotal	22	4	10	16	52	84.6	71.4	84.6	38.4