

Table 1. Demographic and clinical features of the patients

		Appendix Type			P value
		Appendix (n=15)	Uncomplicate Normal d (n=79)	AA AA (n=49)	
Sex	male	8	27	25	0,110
	female	7	52	24	
	total	15	79	49	
Age		70.53±6.17	69,15±6,47	70,31±6,22	0,278
Comorbid disease	present	9	58	33	0,518
	apsent	6	21	16	
Pre-hospital delay/ day		1.67±1.04	1.59±0.65	3.33±1.28	<0,001*
Length of stay/day		3.13±2.56	3.34±2.01	6.59±5.93	0,007*
Post.op complication	present	3	24	24	0,042
	apsent	12	55	25	
<u>Diagnostic tools</u>		n	Sensitivity (%)	Specificity (%)	-----
Ultrasonography			74.2	18.2	
Computed tomography			77.7	70	

*: Group IIb was significantly higher than other groups (group I, group IIa) in Post-hoc analysis

Table 2. The ROC analysis for normal appendix and acute appendicitis

Parameters	Cutt-off value	AUC (p)	Sensitivity (%)	Specificity (%)	LR+
CRP	1,23	0,668 (0,143)	77	57	1,81
WBC	8,97	0,722 (0,052)	85	57	1,98
Neutrophil	6,36	0,743 (0,033)	86	71	3,02
NLR	3,28	0,700 (0,080)	83	71	2,93
MPV	6,905	0,624 (0,277)	88	42	1,55
Total Bilirubin	0,695	0,718 (0,057)	61	85	4,32
Direct Bilirubin	0,235	0,716 (0,061)	65	85	4,58

Abbreviations: CRP; C-reactive protein, WBC: White blood cell, NLR; Neutrophil to lymphocyte ratio, MPV; Mean platelet volume

Table 3. The ROC analysis for complicated and uncomplicated appendicitis

Parameters	Cutt-off value	AUC (p)	Sensitivity (%)	Specificity (%)	LR+
CRP	5,11	0,833 (<0,000)	72	76	3,00
NLR	5,10	0,617 (0,065)	72	44	1,28
PLR	190,62	0,641 (0,027)	50	82	2,77
RDW	13,15	0,634 (0,035)	69	60	1,73
Total Bilirubin	0,87	0,621 (0,056)	52	72	1,88
Direct Bilirubin	0,30	0,690 (0,003)	58	78	2,65

Abbreviations: CRP; C-reactive protein, NLR; Neutrophil to lymphocyte ratio, PLR: platelet to lymphocyte ratio, RDW; red cell distribution width