

Table 1. Comparison of demographic findings of preeclampsia group and controls.

	Preeclampsia group (n=104)	Control group (n=110)	p value
Age (years)	28,80±5,20 (18-41)	30,40±5,4 (17-46)	0,026
Gestational age (years)	37,54±1,97 (34-40)	38,10±1,42 (34-41)	0,038
Gravida (birim)	2,21±1,32 (1-7)	2,22±1,33 (1-7)	0,987
Parity (birim)	0,80±0,80 (0-3)	0,82±0,91 (0-4)	0,868
Abortus (birim)	0,27±0,49 (0-2)	0,35±0,73 (0-4)	0,38

Mean ± standart deviation

According to Kruskal Wallis variance analysis (the Mann-Whitney U test with Bonferroni correction as post hoc).

Table 2. Relationship between IMA and umbilical artery doppler flow, brain sparing effect, NST and Apgar score in patients with preeclampsia and healthy controls.

	Preeclampsia group		P value	Control group		value
	Umbilical artery S/D<2 (n=69)	Umbilical artery S/D≥2 (n=35)		Umbilical artery S/D<2 (n=99)	Umbilical artery S/D≥2 (n=11)	
IMA (IU/ml)	11.83±1.33	19.62±1.56	<0.001	10.28±1.57	18.09±2.13	<0.001
	Positive brain sparing impact (n=35)	Negative brain sparing impact (n=69)		Positive brain sparing impact (n=8)	Negative brain sparing impact (n=102)	
IMA (IU/ml)	25.59±2.48	9.16±1.99	<0.001	16.37±1.97	6.72± 1.53	<0.001
	NST good (n=58)	NST poor (n=46)		NST good (n=94)	NST poor (n=16)	
IMA (IU/ml)	10.69±1.92	20.72±1.15	<0.001	7.42±1.94	9.72 ±2.19	<0.001
	5th min Apgar score>6 (n=74)	5th min Apgar score<6 (n=30)	p değeri yok	5th min Apgar score>6 (n=105)	5th min Apgar score<6 (n=5)	p değeri yok
IMA (IU/ml)	9.44±1.70	18.41±1.72		6.28±1.57	10.09±1.68	

Mean ± standart deviation

IMA: Ischemia modified albumin

According to Kruskal Wallis variance analysis (the Mann-Whitney U test with Bonferroni correction as post hoc).