

Table - 1 Population characteristics (n=26) expressed as average and standard deviation or frequency in percent.

Mother characteristics	IUGR
Maternal age at pregnancy	32.38 ± 5.26
Number of previous births	1.11 ± 1.21
Normal maternal health	17 (65%)
Thyroid disorders	3 (11.5%)
Blood clotting disorders	1 (3.8%)
Anemia	1 (3.8%)
Hypertension	1 (3.8%)
Pre gestational diabetes	1 (3.8%)
Characteristics of previous pregnancies	
Pre -eclampsia	2 (7.7%)
IUGR pregnancy	5 (19%)
Artificial abortion	6 (23%)
Current pregnancy characteristics	
Spontaneous conception	21 (80%)
Fetus of male sex	15 (57%)
Fetus of female sex	11 (42%)
Pregnancy follow-up - a proper biochemical survey	15 (57%)
Pregnancy follow-up - normal sonographic reviews	16 (61%)
Performing MRI examination for the indication of IUGR	26 (100%)
Gestational age at the time of the MRI examination	33.31 ± 2.79

Mildly abnormal brain findings included in the study	
Changes in white matter	1 (3.8%)
Changes in gray matter	1 (3.8%)
Disorders of the corpus callosum	1 (3.8%)
Lateral ventricles asymmetry	2 (7.7%)
Other	3 (11.5%)
Characteristics of IUGR	
Gestational age at the time of IUGR diagnosis	28 ± 4.55
Growth percentage (Dolberg) near diagnosis	7.8 ± 5.95
Growth percentage (Dolberg) near MRI examination	7.42 ± 5.93
Growth percentage (Dolberg) at birth	4.04 ± 3.29
Fetuses defined as severe (<3%) IUGR Pregnancy	16 (61%)
Newborn characteristics	
Spontaneous vaginal birth	4/25 * (16%)
Cesarean delivery	21/25 * (84%)
Week of birth	35.04 ± 2.66
Hospitalization in NICU	15 (57.7%)
Hospitalization of the newborn in intensive care	2/25 * (8%)
Apgar 9/10	20/25 * (80%)