

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 \pm 5.26
Number of previous births	1.11 \pm 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 \pm 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%)