

## Prevalence of organ donation in brain dead patients admitted to the intensive care unit in 2012

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**Introduction:** Stroke is one of the most common causes of fatal accidents. In death, cerebral cortex and brain stem activity of the patient and the potential return is not there. The number of organ transplants in our country because of the shortage of donor organs for transplantation is also some false beliefs, statistics organ donation in our country is much lower than in Europe and America.

**Methods:** This cross-sectional study on 17 patients admitted to the intensive care unit of brain death in neurosurgical hospital Torbat th January to March 1393 was conducted during April. The data were analyzed using spss software.

**Results:** The average age of 23/24 minimum age of 2 years and maximum age was 58 years. Persons aged 2 to 20 years, 82/58%, aged between 20 and 50 years, 41/29% over the age of 50 and 76/11 respectively. The GCS = 3 23/88% and GCS = 4 76/11% was that the number of 70/64% multi-trauma, 11/76% of head trauma, 11/76% of hemorrhagic stroke, 88/5 hysterectomy and 88% / 5% peritonitis that of the 76/11%, leading to organ donation led.

**Conclusion:** Based on these findings, given that there is not likely to return in patients with brain death, as well as other patients in need of organ donation, Education and culture to further eliminate the false beliefs of the society was to organ donation

**Keywords:** Organ donation| Patients with brain death| Intensive care unit

