

Content

1. Introduction and Aim of the work-----	1
2. -MRI Anatomy of ventricular system-----	4
3. Cerebrospinal fluid physiology-----	10
4. Pathology of hydrocephalus in pediatric age group-----	-----14
5. Quantitative measurement of C.S.F flow imaging with cine phase contrast MR imaging-----	36
6. MRI manifestation of hydrocephalus-----	53
7. Summary and conclusion-----	96
8. References-----	98
9. Arabic summary-----	105