Name Mr Ian Pople MB ChB MD FRCS(SN)

Position :
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Contact details

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Research Interests (<200 words):
Post-haemorrhagic ventricular dilatation, neonatal hydrocephalus treatment, cerebro-spinal fluid shunt techniques and endoscopic surgery for hydrocephalus (choroid plexus cauterization).

Research Focus
Keywords: HYDROCEPHALUS, POST-HAEMORRHAGIC VENTRICULAR DILATION, CEREBROSPINAL FLUID SHUNTS

Research Technologies/Facilities
SIDRA MEDICINE DFINE STUDY RESEARCH GROUP Prospective Randomized Study on drainage techniques for post-haemorrhagic hydrocephalus funded by QNRF (Qatar National Research Fund)

Publications (10 key papers)

1. **Pople IK**, Bayston R, Hayward RD. Infection of cerebrospinal fluid shunts in infants: a study of etiological factors. J Neurosurg 1992;77(1):29-36.
2. **Pople IK**. Doppler flow velocities in children with controlled hydrocephalus: reference values for the diagnosis of blocked cerebrospinal fluid shunts. Childs Nerv Syst 1992;8(3):124-5
3. **Pople IK**, Ettles D. The role of endoscopic choroid plexus coagulation in the management of hydrocephalus. Neurosurgery 1995;36(4):698-701; discussion 701-2.
4. Whitelaw A, Christie S, **Pople I**. Transforming growth factor beta-1. A possible signal molecule for post-hemorrhagic hydrocephalus? Paediatric Research 1999;46:576-80.
5. **Pople IK,** Edwards RE, Aquilina C. Endoscopic Management of Hydrocephalus treatment. Chapter in Neurosurg Clin N Am 2001; 12:4 719-35
6. **Pople IK**. Hydrocephalus and shunts: what the neurologist should know. J Neurol Neurosurg Psychiatry 2002; 73 Suppl 1:i17-22
7. Whitelaw A, **Pople** I, Cherian S, Evans D, Thoresen M. Phase 1 trial of prevention of hydrocephalus after intraventricular hemorrhage in newborn infants by drainage, irrigation, and fibrinolytic therapy. Paediatrics 2003; 111:4 Pt 1 759-65
8. Whitelaw A, Jary S, Kmita G, Wroblewska J, Musialik-Swietlinska E, Mandera M, Hunt L, Carter M, **Pople I**. Randomized trial of drainage, irrigation and fibrinolytic therapy for premature infants with posthemorrhagic ventricular dilatation: developmental outcome at 2 years. Paediatrics. 2010;125(4):e852-8. Epub 2010 Mar 8.
9. **Pople I**, Poon W, Assaker R, Mathieu D, Iantosca M, Wang E, Zhang LW, Leung G, Chumas P, Menei P, Beydon L, Hamilton M, Kamaly I, Lewis S, Ning W, Megerian JT, McGirt MJ, Murphy JA, Michael A, Meling T. Comparison of infection rate with the use of antibiotic-impregnated vs standard extraventricular drainage devices: a prospective, randomized controlled trial. Neurosurgery 2012;71(1):6-13

10. **Pople I K**, Singleton W G B. Shunt technology and endoscopic ventricular surgery. Chapter 93 in Oxford Textbook of Neurological Surgery. 2020

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Collaborators: Dr Jaleel Miyan

Student/Fellowship Opportunities: Forthcoming DFINE Trial based at Sidra Medicine, Doha and trial of combination vitamin supplements in the prevention and treatment of perinatal hydrocephalus in collaboration with Dr Miyan from Manchester.