A Haemostatic Agent Delivery System for Endoscopic Neurosurgical Procedures

V. Waran¹, ³, K. Sek¹, N. F. Bahuri¹, P. Narayanan², H. Chandran¹
¹Division of Neurosurgery, Department of Surgery, Faculty of Medicine, University of Malaya, Kuala Lumpur, Malaysia
²Department of ENT Surgery, Faculty of Medicine, University of Malaya, Kuala Lumpur, Malaysia
³Centre for Biomedical and Technology Integration, University of Malaya, Kuala Lumpur, Malaysia

Abstract

In endoscopic neurosurgery problems with haemostasis due to poor access exist. We have developed a system which allows the delivery of a variety of haemostatic agents in a more efficacious manner. The system has been used successfully in endoscopic skull base surgery and endoscopic surgery within the parenchyma of the brain using tube systems.

Key words

haemostatic agents – delivery system – neuroendoscopy