

AXIOSTAT – 100% CHITOSAN BASED HAEMOSTAT BEING USED TO CONTROL BLEEDING DURING SKULL BASED BONE BLEEDING DURING COMMANDO SURGERY

Center

- Narayana Hrudayalaya, Ahmedabad-India: Dr. Natasha Lalwani and Dr. Shakti Singh Deora

Patient details	48 years , Male
Patient history	No patient history
Procedure	Skull based bone bleeding during commando surgery
Axiostat variant used	V55
Average time taken to achieve haemostasis	3 mins



Irrigation of bleeding surface post removal of Axiostat



Haemostasis achieved in 3 mins

Result

Patient outcome with Axiostat	Ease of application	Ease of removal	Adherence to bleeding site
Excellent			
Good			
Fair			
Poor			

Discussion

- The Commando Operation (Combined mandibulectomy and neck dissection operation) is a complicated operation for 1st degree malignancy of the tongue. It comprises total removal of the tongue together with block dissection of the cervical nodes. The operation is so named because of its extensive nature.
- Axiostat was used intraoperatively in the said procedure to control the skull based bone bleeding, Axiostat was removed post achieving haemostasis in 3 mins from the time of application.
- It can be concluded that Axiostat offers excellent haemostatic properties enabling early haemostasis and prevents much loss of blood during a surgical procedure.