

AXIOSTAT – 100% CHITOSAN HAEMOSTATIC DRESSING ON BLEEDING DUE TO CENTRAL VEINOPLASTY

Center

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Patient details	37 years, male
Patient history	Renal hypertension
Procedure	Central Veinoplasty and Stenting
Heparin dosage	5000 IU
Sheath size	6F Radial
Axiostat variant	V55
Average time taken to achieve haemostasis	2 mins



Application of axiostat with uniform pressure

Result

Patient outcome with Axiostat	Ease of application	Ease of removal	Adherence to wound	Conformability of dressing	Patient dressing
Excellent					
Good					
Fair					
Poor					

Discussion

- The average time to achieve haemostasis in patient was 2 mins
- The haemostasis time was significantly shorter than the conventional method of applying manual compression with cotton gauze, which usually requires around 20 mins to achieve haemostasis.
- No re-bleeding from puncture sites was observed during the observation for additional 2-3 hours after removing the manual compression. Similarly, the puncture sites showed no re bleeding, skin irritation, swelling, vascular complication, allergy after the removal of Axiostat.
- Further there was no incidence of device related bleeding complications during 5 days after the surgery.
- Overall, Axiostat was also found to be an excellent hemostatic dressing in patients undergoing interventional radiology procedures.