

# 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
<b>Procedure</b>	<b>Central Veinoplasty and Stenting</b>
<b>Heparin dosage</b>	<b>5000 IU</b>
Sheath size	6F Radial
Axiostat variant	V55
<b>Average time taken to achieve haemostasis</b>	<b>2 mins</b>



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
<b>Excellent</b>					
<b>Good</b>					
<b>Fair</b>					
<b>Poor</b>					

## 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.