

## AXIOSTAT – 100% CHITOSAN HAEMOSTATIC DRESSING ON PTCA RADIAL PROCEDURE

### Center

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Patient details	48 years , male
<b>Patient history</b>	<b>Diabetes</b>
Procedure	PTCA (PCI)
<b>Heparin dosage</b>	<b>12500 IU</b>
<b>Sheath size</b>	<b>6F Radial</b>
Loading dose	Clopidogrel 300 mg & Aspirin 300 mg
Axiostat variant	V55
<b>Average time taken to achieve haemostasis</b>	<b>3 mins</b>



Radial sheath removal



Application of Axiostat with uniform pressure



Axiostat removed post achieving haemostasis and application of secondary dressing

### 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 time taken to achieve haemostasis was 3 mins
- The haemostasis 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, the site was clear and procedure was conducted without any disturbance. Similarly, the puncture site 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 permanent pacemaker implantation procedures.