AXIOM - 100% CHITOSAN HEMOSTATIC DRESSING ACHIEVING HEMOSTASIS AND HEALING OF EXTRACTION WOUNDS IN PATIENTS ON ORAL ANTIPLATELET DRUGS

AIM
The aim of this study was to evaluate the efficacy of Axistat Hemostatic Dental dressing in achieving hemostasis post-extraction and determining its effect on pain and healing of the extraction wound, compared with control, i.e., conventional method of extraction in patients on oral antiplatelet therapy.

MATERIALS AND METHODS
Totally, 40 patients on oral antiplatelet drugs were included in the study and overall 80 extractions were done applying split mouth study design, without altering patient’s drug regime. Extraction sites were divided into two groups: Group I received Axistat Hemostatic Dental Dressing (study site), and group II received conventional method; pressure pack with sterile gauze under biting pressure followed by suturing if required (control site) was used to attain hemostasis.

RESULTS
Extraction sites treated with Axistat Hemostatic Dressing achieved hemostasis faster (mean 1 minute 13 seconds) compared with control sites (mean = 14 minutes 1 second). Postoperative pain was considerably lower and significantly better healing was seen in the study group compared with the control.

CONCLUSION
Axistat demonstrated to be an effective hemostatic agent that considerably lessens the bleeding time in patients on oral antiplatelet drugs post extraction. In addition, it even offered minimal postoperative pain and improved healing of the extraction wound. Axistat Dental Dressing (ADD) is found to be as effective in achieving hemostasis in patients on oral antiplatelet therapy.