

**KRISHNA VISHWA VIDYAPEETH
SCHOOL OF DENTAL SCIENCES**

DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS
(Department Name in capital bold letters)

Sept/2026
Month / Year)

Total no. of OPD patient for the month - 3144

Details of major clinical procedure being performed—

S/n	OPD No.	Age / Gender	Major clinical procedure	Details
1	702872	25/M	Root canal followed by apicoectomy , followed by retrograde MTA plug under general anaesthesia.	Patient name: Ratan Talap visited the department with a complaint related to the lower anterior region involving 33–44. After clinical and radiographic evaluation, the treatment options of extraction or root canal treatment followed by apicoectomy with retrograde MTA plug placement were explained. The patient opted for the surgical endodontic procedure. Root canal treatment was completed, followed by apicoectomy under general anaesthesia. A full-thickness mucoperiosteal flap was reflected, the involved apical region was accessed, and the root end was resected. A retrograde cavity was prepared and filled with MTA to achieve an effective apical seal. The surgical site was debrided and irrigated, followed by flap repositioning and suturing.
2	793029	29/M	Composite build up of 11,21 using palatal shell technique	Patient reported to the department with a complaint of fractured upper anterior teeth 11 and 21. Clinical examination was carried out, followed by treatment planning. Primary impressions were made and diagnostic casts were prepared. A wax pattern was subsequently fabricated, and a palatal shell/palatal index was prepared to facilitate restoration of the fractured anterior teeth. The palatal shell was used as a guide for reconstruction of the palatal wall and subsequent restoration of the teeth.
3	740838	45/F	Repositioning of luxated 41 tooth	Patient named Shubhangi Kanase reported to the department with a history of trauma involving the lower anterior region. Clinical examination revealed luxation of tooth 41. After clinical and radiographic evaluation, the

				treatment plan was explained to the patient. The luxated 41 was carefully repositioned to its original position, followed by appropriate stabilization/splinting. Postoperative instructions and follow-up were advised to monitor healing and pulpal status.
4	675337	60/M	Root canal treatment of Mandibular third molar with curved roots	A mandibular third molar with complex root canal anatomy was diagnosed and treated endodontically. Radiographic examination revealed a two-canal configuration with a pronounced curvature of the mesial root, presenting an additional challenge for canal negotiation and instrumentation. After adequate isolation and access cavity preparation, the orifices of both canals were identified. Working lengths were established using an electronic apex locator and confirmed radiographically. The canals were carefully negotiated and prepared using a controlled instrumentation technique, maintaining the original canal curvature. Irrigation was performed throughout the procedure using appropriate endodontic irrigants. Following adequate cleaning and shaping, the canals were obturated with gutta-percha and sealer, achieving a satisfactory three-dimensional seal
5	692213	43/F	Apexification using a prf plug with 11, 21	A 43-year-old female patient reported to the department with a chief complaint of discolouration in relation to the maxillary anterior teeth (11 and 21). Clinical and radiographic examination revealed non-vital teeth with open apices, associated with a previous history of trauma. Considering the immature root development and open apical foramina, apexification was planned. Following appropriate access preparation and chemomechanical preparation, a platelet-rich fibrin (PRF) plug was placed in the apical region to provide a barrier and prevent extrusion of the subsequent mineral trioxide aggregate (MTA) material beyond the apex. MTA was then placed over the PRF plug to establish an apical barrier. Following adequate setting of the apical plug, the canals were obturated using the backfill technique with the Obtura 3 thermoplasticized gutta-percha system.

6	693221	19/M	Root canal followed by cast post cementation with 11	A patient reported to the department with a chief complaint of fractured maxillary anterior tooth in relation to 11. Clinical and radiographic examination revealed an Ellis Class III oblique fracture involving tooth 11. Root canal treatment was performed, followed by sectional obturation of the canal. The canal was subsequently prepared to receive a cast post, maintaining an adequate apical seal. An inlay wax pattern of the prepared post space was fabricated and the impression/pattern was sent for casting. Following fabrication of the cast post, it was tried in the prepared canal and subsequently luted using glass ionomer cement (GIC).
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Dr. Rushikesh R. Mahapare

HEAD OF THE DEPARTMENT

(Name, Sign, seal & Date)

Head Of Department

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