

Avicenna Dental College
Clerkship - Clinical Rotation Plan
4th Year BDS - D-22 (Session 2025-2026)

Rotation No.	1st Clinical Rotation	2nd Clinical Rotation	3rd Clinical Rotation	4th Clinical Rotation	5th Clinical Rotation
Date	6th May 26 to 23rd June 26	24th June 26 to 16th September 26	17th September 26 to 29th October 26	30th October 26 to 29th December 26	30th December 26 to 10th February 27
Department	Batch	Batch	Batch	Batch	Batch
Operative Dentistry	A	B	C	D	E
Paediatric Dentistry	B	C	D	E	A
Oral & Maxillofacial Surgery	C	D	E	A	B
Orthodontics	D	E	A	B	C
Prosthodontics	E	A	B	C	D
Duration	30 Days (6 Weeks)	30 Days (6 Weeks)	30 Days (6 Weeks)	30 Days (6 Weeks)	30 Days (6 Weeks)
Total Hours	114 Hours	114 Hours	114 Hours	114 Hours	114 Hours
Clinical Rotation Test Date	23rd June 26	16th September 26	29th October 26	29th December 26	10th February 27

Clerkship - Clinical Rotation Schedule

4th Year BDS - D-22 (Session 2025-2026)

Department: Operative Dentistry

No. of Weeks	Clinical Skills	Learning Outcomes	Teaching Methods	Expected Level of Independence	Assessment Method
1	Filling	By the end of this week, students will be able to • Perform Class I cavity formation • Perform Base application in cavity • Perform Amalgam mixing and condensation • Perform Carving and finishing of Amalgam restoration	Hands-on practice Chairside teaching	Supervised performance	DOPS
2	Filling	By the end of this week, students will be able to • Perform Class II cavity formation • Perform Matrix band and retainer application • Perform Base application in cavity • Perform Amalgam mixing and condensation • Perform Carving and finishing of Amalgam restoration	Hands-on practice Chairside teaching	Supervised performance	DOPS
3	Filling	By the end of this week, students will be able to • Perform Class III cavity formation for composite • Perform Base/ lining application • Perform Composite incremental placement & curing • Perform Finishing & polishing of composite	Hands-on practice Chairside teaching	Supervised performance	DOPS
4	Filling	By the end of this week, students will be able to • Perform Class IV cavity formation for composite • Perform Base/ lining application • Perform Composite incremental placement & curing • Perform Finishing & polishing of composite • Perform Class V cavity formation for amalgam / composite • Perform Base/ lining application • Perform Amalgam /Composite incremental placement & curing • Perform Finishing & polishing of amalgam / composite	Hands-on practice Chairside teaching	Supervised performance	DOPS
5	Root canal treatment	By the end of this week, students will be able to • Perform access cavity preparation on anterior permanent teeth • Perform cleaning and shaping of root canal • Perform obturation of root canal	Hands-on practice Chairside teaching	Supervised performance	DOPS
6	Crown Preparation	By the end of this week, students will be able to • Perform tooth preparation for indirect restoration on anterior / posterior teeth • Perform impression and die preparation of prepared tooth • Perform wax pattern formation • Perform cementation of crown in patients mouth	Hands-on practice Chairside teaching	Supervised performance	DOPS

Clerkship - Clinical Rotation Schedule
4th Year BDS - D-22 (Session 2025-2026)
Department: Oral & Maxillofacial Surgery

No. of Weeks	Clinical Skills	Learning Outcomes	Teaching Methods	Expected Level of Independence	Assessment Method
1	History Taking	By the end of this week, students will be able to... Demonstrate History taking skills including Medical History, Dental History, Family History	Hands-on practice Chairside teaching/ bedside teaching	Independent with supervision	Mini-CEX
2	Clinical Examination	By the end of this week, students will be able to... Perform Intra-oral & Extra-oral examination	Simulation	Independent with supervision	OSCE
3	Instruments	By the end of this week, students will be able to... Identify instruments	Observation	Independent with supervision	Oral Presentation
4	Local Anesthesia	By the end of this week, students will be able to... Give Local Anesthesia for mandibular and maxillary dentition	Hands-on practice	Supervised performance	DOPS
5	Extraction	By the end of this week, students will be able to... - Extraction mobile teeth - Give post op instructions - Take up more difficult cases	Hands-on practice	Supervised performance	Case write-ups
6	Surgical Extraction	By the end of this week, students will be able to... - Assist a surgical Extraction case - Perform suturing at the end - Give post op instructions	Observation	Observation	Case write-ups

Clerkship - Clinical Rotation Schedule
4th Year BDS - D-22 (Session 2025-2026)
Department: Orthodontics

No. of Weeks	Clinical Skills	Learning Outcomes	Teaching Methods	Expected Level of Independence	Assessment Method
1	History Taking	By the end of this week, students will be able to... • Demonstrate History taking skills including chief complaint Medical History especially related to tooth movement like diabetes, hormone disorders etc , Dental History, Family History(genetics , classiii) • Identify etiological factors contributing to malocclusion (Habits,Airway issue,Early tooth loss) • Correlate patient concerns with orthodontic treatment needs and expectations) • Perform the above mentioned procedure on 2 patients	Hands-on practice Chairside teaching/ bedside teaching	Independent	OSCE
2	Clinical Examination	By the end of this week, students will be able to... • Perform Intra-oral & Extra-oral examination • Perform E/O examination (facial form, Profile , Symmetry) • Perform I/O examination(Occlusion,Crowding,Spacing,Cross bite,overjet,and overbite) • Identify Angles classification of malocclusion • Evaluate smile characteristics • Evaluate TMJ • Perform the above mentioned procedure on 2 patients	Chair side teaching on live patients	Independent with supervision	OSCE
3	Removable appliance fabrication	By the end of this week, students will be able to... • Identify the different appliance(Orthopaedic and functional appliances) uses in orthodontic treatment • Fabricate and perform wire bending of different components of removable appliances on 2 Patients (Hawley appliance , finger spring appliance) • Impression taking.(mucostatic impression) • Inspection of impression(teeth clearly recorded, proper vestibular extension, no voids, tears or folds). • Pouring the impression.(pour gypsum slowly from one end, allow material to flow into all areas, avoid trapping air bubbles, especially in occlusal regions). • Preparation of the cast (trim the model to maintain smooth surface, angulation and Symmetry of the base, molar area should b thick 15mm, incisal region should b 10-15mm,in order to	Chair side teaching/ small group discussions/ practical hands-on demonstrations of fabrication of the appliance and wire bending	Independent	Clinical Batch Assessment test/OSCE

		provide greater strength and resistance to fracture posteriorly.) • Wire bending of appliance components (adams clasp, Labial bow, finger spring) • Check fit and activation range on the cast • Learn wax up,(dry the case, block undercuts, adapts separating medium, soften modelling wax , adapt wax over the cast,clearance around wire component and check the symmetry) • Acrylic processing (packing and curing) • Finishing and polishing (remove excess acrylic, trim acrylic, smooth rough and sharp edges, relief around gingival margins). • Activation and fitting • Patient instructions			
4	Cephalometry	By the end of this week, students will be able to... • Identify the key landmarks in the lateral ceph of patients • Perform sagittal,vertical,dental,soft tissue analysis of the lateral ceph • Diagnosis the malocclusion of the given lateral cephalogram • Device a treatment plan of the patient in accordance with his lateral ceph analysis • Superimpose (comparison) pre and post treatment lateral cephalograms to appreciate the changes that orthodontic treatment has achieved. • Total 7 radiographic analysis to be done by the end of this week	Small group discussions/ practical demonstrations/Analysis on Lateral Cephalograms of patients	Independent with supervision	Clinical Batch Assessment test/OSCE
5	Cast analysis & Mixed dentition analysis	By the end of this week, students will be able to... • Identify general features of individual cast of different patients • Perform ALD analysis • Identify tooth relations when the cast is in occlusion • Identify incisor, canine and molar relationships of given casts • Device a treatment plan of patient in accordance with cast analysis • 5 cast analysis exercises to be done by the end of this week • Differentiate the permanent dentition from the mixed dentition based on OPG and dental casts • Perform ALD analysis in mixed dentition • Understand different space management protocols and their application • Perform Tanaka Johnston analysis • 5 Mixed dentition exercises to be done by the end of this week	Small group discussions/ practical hands on demonstrations of Analysis on the casts of Patients	Independent with supervision	Clinical Batch Assessment test/OSCE
6	Banding and bonding	By the end of this week, students will be able to... • Select band of the selected tooth • Perform banding procedure on patients • Understand basic principles of bonding • Identify the FO , FCC point on the tooth surface • Place the brackets and bands on ideal position • Above steps to be performed on 1 cast and 2 patients	Small group discussions/ practical hands on demonstrations on the ideal cast and patients	Independent with supervision	OSCE

Clerkship - Clinical Rotation Schedule
4th Year BDS - D-22 (Session 2025-2026)
Department: Paediatric Dentistry

No. of Weeks	Clinical Skills	Learning Outcomes	Teaching Methods	Expected Level of Independence	Assessment Method
1	Pulpotomy procedure	By the end of this week, students will be able to ● Perform coronal pulp amputation ● Perform formocresol application and haemostasis achievement ● Perform zinc oxide eugenol filling of primary teeth	Hands-on practice Chairside teaching	Performed under supervision	DOPS
2	Pulpotomy procedure	By the end of this week, students will be able to ● Perform coronal pulp amputation ● Perform formocresol application and haemostasis achievement ● Perform zinc oxide eugenol filling of primary teeth	Hands-on practice Chairside teaching	Performed under supervision	DOPS
3	Pulpectomy procedure	By the end of this week, students will be able to ● Perform access cavity preparation in primary teeth ● Perform cleaning and shaping of root canal ● Perform obturation with zinc oxide eugenol	Hands-on practice Chairside teaching	Performed under supervision	DOPS
4	Pulpectomy procedure	By the end of this week, students will be able to ● Perform access cavity preparation in primary teeth ● Perform cleaning and shaping of root canal ● Perform obturation with zinc oxide eugenol	Hands-on practice Chairside teaching	Performed under supervision	DOPS
5	Filling	By the end of this week, students will be able to ● Perform Class I/II cavity formation ● Perform Base application in cavity ● Perform Amalgam mixing and condensation ● Perform Carving and finishing of Amalgam restoration	Hands-on practice Chairside teaching	Performed under supervision	DOPS
6	Filling	By the end of this week, students will be able to ● Perform Class III / IV cavity formation for composite ● Perform Base/ lining application ● Perform Composite incremental placement & curing ● Perform Finishing & polishing of composite	Hands-on practice Chairside teaching	Performed under supervision	DOPS

Clerkship - Clinical Rotation Schedule
4th Year BDS - D-22 (Session 2025-2026)
Department: Prosthodontics

No. of Weeks	Clinical Skills	Learning Outcomes	Teaching Methods	Expected Level of Independence	Assessment Method
1	History Taking and Clinical Examination	By the end of this week, students will be able to... • Demonstrate History taking skills including Medical History, Dental History, Family History • Perform Extraoral and intraoral Examination • Identify Anatomical landmarks and correlate their significance in complete dentures	Small group discussions/ Chairside teaching/ Simulation based teaching on models	Independent with supervision	Batch Clinical Assessment
2	Primary impression	By the end of this week, students will be able to... • Select and manipulate appropriate trays and impression materials correctly. • Record the primary impression of edentulous patients following proper clinical steps • Pour the impression correctly to obtain an accurate model	Small group discussions/ Chairside teaching	Independent with supervision	Batch Clinical Assessment
3	Secondary impression	By the end of this week, students will be able to... • Fabricate a special tray using appropriate materials and design principles. • Perform secondary impression of edentulous maxilla and mandible following correct clinical steps • Pour the master casts	Small group discussions/ Chairside teaching/Lab demonstrations followed by hands on practice	Independent with supervision	Batch Clinical Assessment
4	Jaw relation record	By the end of this week, students will be able to... • Perform wax up and processing of denture baseplates • Fabricate occlusal rims over denture baseplates • Adjust occlusal rims to establish proper vertical and horizontal jaw relations in edentulous patients • Record maxillomandibular jaw relations using appropriate clinical techniques.	Small group discussions/ Chairside teaching/Lab demonstrations followed by hands on practice	Independent with supervision	Batch Clinical Assessment
5	Trial & Insertion	By the end of this week, students will be able to... • Articulate the jaw relation record on semi adjustable articulator • Arrange anterior and posterior artificial teeth • Adjust the trial denture for occlusion, phonetics, esthetics, and comfort in edentulous patients • Insert and adjust the processed complete denture in edentulous patients for optimum fit, occlusion, comfort, and esthetics. • Students will be able to instruct the patient on adequate denture hygiene, maintenance, and usage	Small group discussions/ Chairside teaching/Lab demonstrations followed by hands on practice	Independent with supervision	Batch Clinical Assessment

6	Surveying and Designing of Cast partial denture	By the end of this week, students will be able to... ● Identify the parts and functions of a dental surveyor. ● Correctly position the diagnostic cast on the surveyor to determine an appropriate path of insertion. ● Identify and mark the height of contour (survey lines) on abutment teeth. ● Locate, measure, and evaluate favorable and unfavorable undercuts for clasp placement. ● Analyze tooth and tissue undercuts in relation to denture support, retention, and stability ● Identify and describe the components of a cast partial denture ● Design appropriate major and minor connectors, rests, and clasp assemblies based on clinical and anatomical requirements.	Small group discussions/Demonstrations Hands on model based learning	Independent with supervision	OSCE
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Batch	Total No. of Students	No. of Supervisors	Students per Supervisor Ratio	Supervisor Name(s)
Batch 1				
Batch 2				
Batch 3				
Batch 4				
Batch 5				
Total				