Methods & Templates for the assessment of learning outcomes and graduate attributes

Index

Dean and Director

The Oxford Dental College, Bommn

Hosur Road Bengaluru - 560 06'

CHILDREN'S EDUCATION SOCIETY (Regd.)

THE OXFORD DENTAL COLLEGE

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences,
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Bommanahalli, Hosur Road, Bangalore – 560 068.
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Website: www.theoxford.edu

Summary:

Evaluation of the above attributes are achieved by two processes

1. Formative or internal assessment
2. Summative or university examinations.

Formative evaluation is done through a series of tests and examinations conducted periodically bythe institution.

Summative evaluation is done by the university through examination conducted at the end of thespecified course.

Evaluation of the above may be achieved by the following tested methods:

1. Written test
2. Practical's
3. Clinical examination
4. Viva voce

Post-graduate training is to train a student so as to ensure higher competence in both general andspecial area of interest and prepare him or her for a career in teaching, research and specialty practice. A student must achieve a high degree of clinical proficiency in the subject and develop competence in research and its methodology in the concerned field.

- Practice respective speciality efficiently and effectively, backed by scientific knowledge and skill

- Exercise empathy and a caring attitude and maintain high ethical standards

- Continue to evince keen interest in professional education in the speciality and allied specialitieswhether in teaching or practice

- Willing to share the knowledge and skills with any learner, junior or a colleague

- Develop the faculty for critical analysis and evaluation of various concepts and views and toadopt the most rational approach.

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MODEL CHECKLIST FOR EVALUATION OF JOURNAL REVIEW PRESENTATIONS.

Name of the Trainee :

Name of the Faculty / Observer :

Date :

Sl. No.	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Article chosen was					
2.	Extent of understanding of scope and objectives of the paper by the candidate.					
3.	Whether cross-references have been consulted.					
4.	Whether other relevant publications consulted.					
5.	Ability to respond to questions on the paper / subject.					
6.	Audio – Visual aids used.					
7.	Ability to defend the paper.					
8.	Clarity of presentation.					
9.	Any other observation.					
	Total Score					

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4.	Whether other relevant publications consulted.					
5.	Ability to respond to questions on the paper / subject.					
6.	Audio – Visual aids used.					
7.	Ability to defend the paper.					
8.	Clarity of presentation.					
9.	Any other observation.					
	Total Score					

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MODEL CHECK LIST FOR EVALUATION OF SEMINAR PRESENTATIONS

Name of the Trainee :

Date :

Name of the Faculty / Observer :

Sl. No.	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Completeness & Preparation.					
2.	Clarity of presentation.					
3.	Understanding of subject.					
4.	Whether other relevant publications consulted.					
5.	Whether cross-references have been consulted.					
6.	Ability to answer the questions.					
7.	Time scheduling.					
8.	Appropriate use of audio – visual aids.					
9.	Overall performance.					
10.	Any other observation.					

Total Score					

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(a) MODEL CHECK LIST FOR EVALUATION OF CLINICAL WORK IN Outpatient Department
(To be completed once a month by respective unit heads including posting in other department)

Name of the Trainee :
Name of the Unit Head :

Date :

Sl. No.	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Regularity of attendance.					
2.	Punctuality.					
3.	Interaction with colleagues and supportive staff.					
4.	Maintenance of case records.					
5.	Presentation of cases.					
6.	Investigations work up.					
7.	Chair-side manners.					
8.	Rapport with patients.					
9.	Over all quality of clinical work.					
	Total Score					

(b) EVALUATION OF CLINICAL CASE PRESENTATION

Name of the Trainee :
Name of the Faculty / Observer :

Date :

Sl. No.	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Completeness of history.					
2.	Whether all relevant points elicited.					
3.	Clarity of presentation.					
4.	Logical order.					
5.	Mentioned all positive and negative points					
6.	Accuracy of general physical examination.					
7.	Diagnosis: Whether it follows logically from history and findings.					
8.	Investigations required.					
	Complete list.					
	Relevant order.					
	Interpretation of investigations.					
9.	Ability to react to questioning Whether it follows logically from history and findings.					
10.	Ability to defend diagnosis.					
11.	Ability to justify differential diagnosis.					
12.	Others.					

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	Grand Total					

MODEL CHECKLIST FOR EVALUATION OF TEACHING SKILL

Name of the Trainee :

Date :

Name of the Faculty / Observer :

Sl. No	Items for observation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Communication of the purpose of the talk					
2.	Evokes audience interest in the subject.					
3.	The introduction.					
4.	The sequence of ideas.					
5.	The use of practical examples and / or illustrations.					
6.	Specking style (enjoyable, monotonous, etc. specify)					
7.	Attempts audience participation.					
8.	Summary of the main points at the end.					
9.	Asks questions.					
10.	Answers questions asked by the audience.					
11.	Rapport of speaker with his audience.					
12.	Effectiveness of the talk.					
13.	Uses audio-visual aids appropriately.					

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(a)   **MODEL CHECKLIST FOR DISSERTATION PRESENTATION**

Name of the Trainee :   Date :
Name of the Faculty / Observer :

Sl. No.	Prints to be considered.	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1	Interest shown in selecting topic.					
2	Appropriate review.					
3	Discussion with guide and other faculty.					
4	Quality of protocol.					
5	Preparation of proforma					
	Total Score					

(b)   **CONTINUOUS EVALUATION OF DISSERTATION WORK BY GUIDE / CO-GUIDE**

Name of the Trainee :   Date :
Name of the Faculty / Observer :

Sl. No.	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1	Periodic consultation with guide / co-guide.					
2	Regular collection of case material					
3	Depth of analysis / discussion.					
4	Quality of final output.					
5	Others					
	Total Score					

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OVERALL ASSESSMENT SHEET

Date :

SL. No.	Faculty Member	Name of Trainee and Mean Score									
		A	B	C	D	E	F	G	H	I	J
1											
2											
3											

Signature of Head of the Department   Signature of Principal

Note: The overall assessment sheet used along with the logbook shall form the basis for certifying satisfactory completion of course of study, in addition to the attendance required.

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Oral Medicine and Radiology

No.	Competency The student should able to	Do main K/ S/ A/ C	Lev el K/ KH /SH /P	Must know/ Nice to know/ Desired to know	Teaching learning methods	Assessment methods	Vertical Integra tion	Horizontal Integration
Topic 1- Temporomandibular Joint Disorders								
1.1	Discuss anatomy, applied anatomy of TMJ and muscles of mastication	K	K	MK	Large group	Written	-	With dental anatomy dept
1.2	Classify TMJ disorders	K	K	MK	Large group	written	-	With dental anatomy
1.2	Discuss etiology, clinical features of TMJ ankylosis.	K	K	MK	Large group	Written	-	oral pathology
1.3	Discuss TMJ disc derangements.	K	K	MK	Large group	Written , Viva voce	-	-
1.4	Explain the pathophysiology, clinical features, diagnosis and management of MPDS	K	K	MK	Large group	Written , OSCE	-	-
1.5	Explain various investigations modalityfor TMJ.	K	K	MK	Large group	written	-	oral radiology
1.6	Explain indications for conventional techniquesand describe the technique	K/A /C	K/S H/P	MK	Large group, DOAP	Written, DOPS	-	oral radiology
1.7	Demonstrate the techniques of conventional TMJ imaging.	K/A /C	K/S H/P	MK	Large group, DOAP	DOPS, Skill Assessment	-	oral radiology
1.8	Explain specialized techniques with indications.	K/A /C	K/S H/P	MK	Large group, DOAP	OSCE, DOPS	-	oral radiology
1.9	Perform clinical examination of TMJ andmuscles of mastication	K/A /C	K/S H/P	MK	Large group, DOAP	DOPS	-	With physiotherap y dept
1.10	Select and justify mostsuitable diagnostic approach and treatment	K/A /C	K	MK	PBL	Problem based	Fabricati on of splints and night guard	With orthodontics and prosthodonti cs
	plan taking in account %=] v					Questions		
Topic 2- Cysts of Jaw								
2.1	Classify cysts of jaw. Explain the pathophysiology of	K	K	MK	Large group	Written exam	Oral patholog y	-

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	cyst formation.								
2.2	Discuss the clinical and radiographic features ocyst		K	K	MK	Large group	Written exam, Viva voce	-	oral radiology
2.3	Discuss differential diagnosis of the cyst		K	K	MK	Large group, PBL	Written exam Viva voce problem-based questions	--	oral pathology

Topic3- Tumors of Jaw Benign and Malignant

3.1	Classify tumors of jaw. Explain the pathophysiology of tumor formation.	K		K	MK	Large group	Written exam	-	oral pathology
3.2	Differentiate between benign and malignant tumors.	K		K	MK	Large group	Written exam	-	oral pathology
3.3	Discuss the clinical and radiographic features of Tumours of jaws	K		K	MK	Large group	Written exam	-	oral surgery
3.4	Discuss differential diagnosis of the Tumours	K		K	MK	Large group	Written exam	-	Oral pathology
				K	MK	Large group	Written exam	-	Oral surgery
CD 2.2	Instruct the patient and/or relatives	A/C		P	MK	Role play	DOPS OSCE	-	-

Topic32: Diagnosis and Treatment Planning   No of Competencies: 5

CD 3.1	Record Case history, gather relevant information related to systemic status, nutritional status, etc		K/S	P	MK	DOAP	DOPS Skill Assessment	-	Oral Medicine and Radiology
CD 3.2	Perform Clinical Examination- Intra-oral and extra-oral		K/S	P	MK	DOAP	DOPS Skill Assessment	-	Oral Medicine and Radiology
CD 3.3	Perform Diagnostic procedures: Investigations, referral to physician ifrequired, diagnostic mounting, etc.		K/S	P	MK	DOAP	DOPS Skill Assessment	-	Oral Medicine and Radiology
CD 3.4	Demonstrate Data interpretation and differential diagnosis		K/S	P	MK	DOAP	DOPS OSCE	-	-
CD 3.5	Select and justify most suitable treatmentoption		K/S/A	P	MK	PBL	DOPS OSCE, Viva voce	-	-

	taking in account patient's expectations and condition					Problem based questions		

Topic4-Vesiculobullous Lesion

4.1	Classify Vesiculo bullous lesions of the oral mucosa	K	K	MK		Large group	Written exam Viva voce	-	oral pathology
4.2	Discuss etiological factors involved in the causation of oral Vesiculo bullous lesions	K	K	MK		Large group	Written exam	-	Oral pathology
4.3	Explain clinical features of the more common types of vesicular and bullous lesion	K	K	MK		Large group	Written exam	-	oral pathology
4.4	Discuss investigative methods employed in the diagnosis of Vesiculo bullous lesions.	K/S	K	MK		Large group	Written exam Viva voce	-	-

Topic 5- Infections of Oral and Paraoral Structures:

Bacterial: Streptococcal, tuberculosis, syphilis, vincents, leprosy, actinomycosis, diphtheria antetanus

Fungal: Candida albicans

Virus: Herpes simplex, herpes zoster, ramsay hunt syndrome, meahselersp, angina, mumps, infectious mononucleosis, AIDS and hepatitis

5.1	Classify various infections of oral and paraoral structures.	K	K	MK		Large group	Written exam	-	-oral pathology
5.2	Explain clinical features, differentiating features of one infection from other.	K	K	MK		Large group	Written exam	-	-oral pathology
5.3	Select and justify the investigation and demonstrate the data interpretation	K/S	K	MK		Large group, PBL	Written exam, problem based question	-	-
5.4	Discuss various treatment options depending on the infection		K	MK		Large group	Written exam	--	-general medicine

Topic6- Red and White Lesions of Oral Cavity

6.1	Classify red and white lesions	K	K	MK		Large group	Written exam	-	-
6.2	Explain clinical features and differential diagnosis of each lesion	K	K	MK		Large group	Written exam	-	-
6.3	Explain the diagnostic procedure	K	K	MK		Large group	Written exam	-	-
6.4	Demonstrate FNAC, Biopsy technique	K/S/A/C	K/SH/P	MK		DOAP	DOPS	-	Oral surgery
6.5	Discuss the management plan	K	K	MK		Large group	Written exam	--	oral surgery

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	for case							
Topic 7- Tongue disorders								
7.1	Describe anatomy, applied anatomy, nerve supply, blood supply of tongue.	K	K	MK	Large group	Written exam	-	anatomy
7.2	Classify tongue disorders.	K	K	MK	Large group	Written exam	-	oral pathology
7.3	Explain clinical features, differential diagnosis and investigations for tongue disorders.	K	K	MK	Large group	Written exam	-	-
7.4	Discuss management of tongue disorders	K	K	MK	Large group	Written exam	-	-
Topic 8- Pigmented lesions								
8.1	Classify oral pigmented lesions	K	K	MK	Large group	Written exam	-	-
8.2	Discuss pathophysiology.	K	K	MK	Large group	Written exam	-	-
8.3	Explain clinical features and differential diagnosis	K	K	MK	Large group	Written exam Viva voce	-	-
8.4	Discuss investigations and management of each case.	K	K	MK	Large group, PBL	Written exam, problem	-	-General medicine
Topic 9- Salivary Gland disorder								
9.1	Discuss anatomy, applied anatomy and physiology of major and minor salivary glands	K	K	MK	Large group	Written exam	-	Oral pathology
9.2	Classify salivary gland disorders	K	K	MK	Large group	Written exam	-	-
9.3	Perform clinical examination of salivary glands	K/S/ A/C	K/P	MK	DOAP	DOPS	-	-
9.4	Discuss the investigations for various salivary gland disorders	K	K	MK	Large group	Written exam	-	-
9.5	Discuss the clinical features of salivary gland disorders	K	K	MK	Large group	Written exam	-	-
9.6	Demonstrate data interpretation and differential diagnosis	K/S	P	MK	DOAP	DOPS, OSCE, problem based questions	-	-
Topic 10- Orofacial pain								
10.1	Discuss the nerve supply in orofacial region.	K	K	MK	Large group	Written exam, viva voce	Human Anatomy	anatomy
10.2	Explain Pain	K	K	MK	Large	Written	-	Physiology

	pathways.				group	exam, viva voce		
10.3	Classify pain pathways	K	K	MK	Large group	Written exam, viva voce	-	Physiology
10.4	Discuss the characteristic nature of pain in each entity.	K	K	MK	Large group	Written exam, viva voce	-	-
10.5	Discuss the differential diagnosis of orofacial pain	K	K	MK	PBL	OSCE, problem-based questions	-	-
10.6	Select and justify most suitable treatment option taking in accounts]	K/S	K	MK	PBL	OSCE, problem-based questions	-	Neurology
Topic 11- Oral Manifestations of Systemic Diseases								
11.1	Discuss the systemic conditions which manifests as oral lesions.	K	K	MK	Large group	Written exam	-	-General Medicine
11.2	Describe clinical features of systemic condition and explain its oral manifestation.	K	K	MK	Large group	Written exam	-	-
11.3	Discuss the differential diagnosis of various conditions	K	K	MK	Large group	Written exam	-	-
11.4	Perform diagnostic procedures, investigations, refer patient to physician if required.	K/A/C	K/P	MK	DOAP	DOPS	-	-
11.5	Select and justify the treatment options for the condition.	K	K	MK	Large group	Written exam	-	General Medicine
Topic 12- Bleeding and Clotting Disorders								
12.1	Discuss clotting mechanism.	K	K	MK	Large group	Written exam	-	Physiology
12.2	Classify bleeding and clotting mechanism	K	K	MK	Large group	Written exam	-	Physiology
12.3	Perform diagnostic procedures, investigations, refer patient to physician if required.	K/S/A/C	K/P	MK	DOAP	DOPS	-	General Pathology
12.4	Select and justify the treatment option considering patients condition	K	K	MK	Large group	Written exam	-	-
Topic 13- Pulpal and Periapical Lesions								

13.1	Classify pulpal and periapical lesions	K	K	MK	Large group	Written exam	-	Conservative Dentistry
13.2	Discuss pathophysiology of pulpal and periapical lesions	K	K	MK	Large group	Written exam	-	-
13.3	Describe the clinical featuresof pulpal and periapical lesions	K	K	MK	Large group	Written exam	-	-
13.4	Perform diagnostic procedures, investigations, if required.	K/S/A/C	K/P	MK	DOAP	DOPS	-	-
13.5	Select and justifythe treatment option taking into account patients condition	K	K	MK	Large group	Written exam	-	- Conservative Dentistry

Topic 14- Oral cancer

14.1	Discuss the pathophysiology of cancer development	K	K	MK	Large group	Written exam	-	-
14.2	Discuss carcinogens	K	K	MK	Large group	Written exam	-	-General Pathology
14.3	Discuss the clinical features oforal cancer	K	K	MK	Large group	Written exam	-	-
14.4	Discuss the histopathology of oral squamous cell carcinoma	K	K	MK	Large group	Written exam	-	-Oral Pathology
14.5	Record case history gather relevant information related to systemic status, nutritional status, addictive habits	K	K	MK	Large group	Written exam	-	-
14.6	Perform clinical examination- intraoral and extraoral	K/S/A/C	K/P	MK	DOAP	DOPS	-	-
14.7	Demonstrate data interpretation and differential diagnosis	K/S/A/C	K/P	MK	DOAP	DOPS	-	-
14.8	Discuss the treatment modality for oral cancer with its complications	K	K	MK	Large group	Written exam	-	-Oral Surgery

	And management.							

Topic-15 Diseases of bone and Osteodystrophy's

15.1	Classify the diseases of bone and Osteodystrophy's	K	K	MK	Large group	Written exam	-	Oral Pathology
15.2	Discuss pathogenesis of it	K	K	MK	Large group	Written exam	-	-
15.3	Describe the clinical feature of bone diseases	K	K	MK	Large group	Written exam	-	-
15.4	Discuss the radiologic appearance of bone diseases.	K	K	MK	Large group	Written exam	-	-Oral Radiology

Topic-16Teeth: Developmental Abnormalities

16.1	Discuss development, histology of teeth	K	K	MK	Large group	Written exam	-	-Oral Histology
16.2	Discuss the developmental abnormalities of teeth	K	K	MK	Large group	Written exam	-	-Oral Pathology
16.3	Discuss radiographic appearances of developmental abnormalities ofteeth	K	K	MK	Large group	Written exam	-	-Oral Radiology
16.4	Differentiate radiographic appearances of tooth anomaly	K	K	MK	Large group	Written exam	-	-Oral Radiology

Topic17- Endocrine disorders at cro-megaly and hyperparathyroidism

17.1	Discuss the endocrine glands and the hormones	K	K	MK	Large group	Written exam	-	-
17.2	Discuss acromegaly, investigations, oral changes and management.	K	K	MK	Large group	Written exam	-	-
17.3	Discuss hyper parathyroid is m, investigations, oral changes and management.	K	K	MK	Large group	Written exam	-	-
17.4	Record case history, gather relevant information related to the condition	K/S/C	K/P	MK	Small group	OSCE	-	-General Medicine

Topic 18- Periodontal diseases

18.1	Describe periodontium	K		K		MK		Large group	Written exam	-		-Dept of periodontics
18.2	Classify periodontal diseases	K		K		MK		Large group	Written exam	-		-Dept of periodontics
18.3	Discuss the clinical and radiographic features of periodontal diseases	K		K		MK		Large group	Written exam	-		- Dept of periodontics
18.4	Perform the clinical examination of periodontium	K/S/A		K/P		MK		DOAP	DOPS	-		-Dept of periodontics

Topic19- Granulomatous diseases:

19.1	Discuss the pathogenesis of granulomatous diseases	K		K		MK		Large group	Written exam	-		-General Pathology
9.2	Classify granulomatous diseases	K		K		MK		Large group	Written exam	-		-
19.3	Record case history, gather relevant information related to the condition	K/S/A/C		K/P		MK		Small group	OSCE	-		-
19.4	Select the appropriate investigatio n	K		K		MK		Large group	Written exam	-		-
19.5	Select and justify most suitable treatment option considering patients condition	K		K		MK		Large group	Written exam	-		-Oral Surgery

Topic20- Cervico-facial lymphadenopathy

20.1	Discuss anatomy and applied anatomy of lymph and lymphatic system	K		K		MK		Large group	Written exam	-		-anatomy
20.2	Explain cervical lymph nodes	K		K		MK		Large group	Written exam	-		-
20.3	Explain lymphadenopathy and discuss the Path physiology	K		K		MK		Large group	Written exam	-		-General Pathology
20.4	Discuss the differential diagnosis of cervical lymphadenopathy	K		K		MK		Large group	Written exam	-		-General Medicine
20.5	Discuss the investigations required for patient condition	K/S/A		P		MK		PBL	DOPS, OSCE, Vivavoce, Problem based	-		-

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						question		

Topic21- Forensic odontology

21.1	Discuss medicolegal aspects of orofacial injuries	K	K	MK	Large group	Written exam	-	-
21.2	Discuss identification of bitemarks	K	K	MK	Large group	Written exam	-	-
21.3	Explain determination of age and sex	K	K	MK	Large group	Written exam	-	-
21.4	Discuss identification of cadavers by dental appliances, Restorations and tissue remnants	K	K	MK	Large group	Written exam	-	-

Topic22- Drugs commonly used in oral medicine

22.1	Enumerate various drugs used in oral medicine	K	K	MK	Large group	Written exam	-	- Pharmacology
22.2	Classify and Discuss principle antibiotics.	K	K	MK	Large group	Written exam	-	- Pharmacology
22.3	Classify and Discuss principle chemotherapeutic agent	K	K	MK	Large group	Written exam	-	- Pharmacology
22.4	Classify and Discuss Principle NSAIDS	K	K	MK	Large group	Written exam	-	- Pharmacology
22.5	Classify and Discuss principle astringents, mouth washes, styptics, demulcents, local surface an aesthetic, sialagogues, antisialogogues	K	K	MK	Large group	Written exam	-	- Pharmacology
22.6	Classify and Discuss drugs usedin the treatment of malignancy	K	K	MK	Large group	Written exam	-	- Pharmacology

Topic1- Scope of The Subject and History of Origin

1.1	Define radiation, Radiology	K	K	MK	Large group	Written exam	-	-
1.2	Discuss the scopeof subject	K	K	MK	Large group	Written exam	-	-
1.3	Discuss the historyof radiology.	K	K	MK	Large group	Written exam	-	-

1.4	Discuss history about dental radiology	K	K	MK	Large group	Written exam	-	-
Topic 2- Physics of radiation								
2.1	Describe the nature and types of radiations	K	K	MK	Large group	Written exam	-	-
2.2	Explain source of radiations	K	K	MK	Large group	Written exam	-	-
2.3	Explain production of X-rays	K	K	MK	Large group	Written exam	-	-
2.4	Discuss properties dX-rays	K	K	MK	Large group	Written exam	-	-
2.5	Explain radiation measuring units	K	K	MK	Large group	Written exam	-	-
2.6	Demonstrate parts of x-ray machine and its functions.	K	K	MK	Large group	Written exam	-	-
Topic 3- Biological Effects of Radiation								
3.1	Explain cell cycle.	K	K	MK	Large group	Written exam	-	-
3.2	Discuss effects of radiation on organs and on oral cavity.	K	K	MK	Large group	Written exam	-	-
3.3	Discuss most and least sensitive cell of the body	K	K	MK	Large group	Written exam	-	-
3.4	Differentiate stochastic and deterministic effects.	K	K	MK	Large group	Written exam	-	-
Topic 4- Radiation Safety and Protection Measures								
4.1	Discuss the rationale of radiation safety	K	K	MK	Large group	Written exam	-	-
4.2	Discuss the radiation safety measures for operator	K	K	MK	Large group	Written exam	-	-
4.3	Discuss the radiation safety measures for patients	K	K	MK	Large group	Written exam	-	-
4.4	Demonstrate the safety and protection measures during radiograph taking.	K/S/A/C	K/P	MK	DOAP	DOPS	-	-
Topic 5- Principles of Image Production								
5.1	Discuss theprinciple of projection geometry	K	K	MK	Large group	Written exam	-	-

5.2	Demonstrate on the various films the principle of projection geometry	K/S/A	K/P	MK	Large group, DOAP	DOPS	-	-
Topic 6- Radiographic Techniques:								
6.1	Discuss intraoral radiographic techniques	K	K	MK	Large group	Written exam	-	-
6.2	Describe indications and techniques for IOPA.	K	K	MK	Large group	Written exam	-	-
6.34	Describe indications and techniques for Bitewing radiograph Describe indications and techniques for occlusal radiograph	K	K	MK	Large group	Written exam	-	-
Topic 7- Radiographic Normal Anatomical Landmarks								
7.1	Discuss the principle of shadow casting.	K	K	MK	Large group	Written exam	-	-
7.2	Enumerate the radiographic normal radiographic landmark	K	K	MK	Large group	Written exam	-	-
7.3	Demonstrate the various landmarks	K/S/A	K/P	MK	Small group, DOAP	DOPS	-	-
7.4	Identify radiographic landmarks	K	K	MK	Small group	OSCE	-	-
Topic 8- Faulty Radiographs and Artefacts in Radiographs								
8.1	Classify faulty radiographs and artifacts in radiographs.	K	K	MK	Large group	Written exam	-	-
8.2	Discuss the reason for faulty radiographs.	K	K	MK	Large group	Written exam	-	-
8.3	Demonstrate faults on radiograph	K/S/A	K/P	MK	Small group	OSCE	-	-
Topic 9- Contrast Radiography and Basic Knowledge for Radio-Active Isotopes								
9.1	Discuss contrast radiography	K	K	MK	Large group	Written exam	-	-
9.2	Discuss radioactive isotopes	K	K	MK	Large group	Written exam	-	-
9.3	Classify contrast radiography techniques with indications	K	K	MK	Large group	Written exam	-	-
9.4	Discuss use of radioactive isotopes for imaging	K	K	MK	Large group	Written exam	-	-

9.5	Discuss contrast radiographic imaging technique.	K	K	MK	Large group	Written exam	-	-
Topic10- Principles of Radiotherapy of Orofacial Malignancies and Complications of Radiotherapy								
10.1	Discuss principlesof radiotherapy of oro-facial malignancies a	K	K	MK	Large group	Written exam	-	-
10.2	Discuss techniqueof radiotherapy	K	K	MK	Large group	Written exam	-	- Radiation Oncology
10.3	Discuss complications of radiotherapy	K	K	MK	Large group	Written exam	-	-
10.4	Select and justify most suitable management option of complications of radiotherapy	K	K	MK	Large group	Written exam	-	-Oral oncology
Topic11- Interpretation of Radiographs in Various Abnormalities of Teeth, Bones and to Orofacial Tissues								
11.1	Discuss interpretation of radiographs.	K	K	MK	Large group	Written exam	-	-
11.2	Demonstrate interpretation of intraoral and extraoral radiographs.	K/S/A	K/P	MK	Small group	OSCE	-	-
11.3	Perform intraoral radiograph Interpretation	K/S/A	K/P	MK	DOAP	DOPS	-	-

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