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SYLLABUS

PROGRAMME FOR III YR BDS – ACADEMIC YEAR 2018-2019

Subject: Periodontics

Staff in charge– Dr. A. Manasa

Aim of the course: Is to train the undergraduates with the basics in Periodontics both theoretical and clinical to enable them to have a sound understanding of the subject which will prepare them well for the IV Year at the end of which they have to write the exam.

Objectives:

To understand the basic tissues of the Periodontium.

To assimilate knowledge about the etiopathogenesis of Gingival and Periodontal diseases.

To be well versed with the instruments and Principles of instrumentation, to enable proper treatment.

Number of hours: Theory – 30

Clinical-- 70

Total ---- 100

Minimum Attendance required: Theory-80%

Clinicals-80%

Theory classes

Duration	Topic	Staff
Wk 1	Gingiva	Dr.J. Surya prasanna
Wk 2	Periodontal ligament	Dr. Hima bindu. G
Wk 3	Cementum	Dr. Manasa.A
Wk 4	Alveolar bone	Dr. Bharath chandra
Wk 5	Aging of periodontium	Dr. Rekha rani. K
Wk 6	Classification of periodontal diseases	Dr.Veerendra nath reddy. P
Wk 7	Defense mechanism of gingiva	Dr.J. Surya prasanna
Wk 8	Periodontal microbiology (plaque - biofilm)	Dr. Rajashree D
Wk 9	Dental calculus and other predisposing factors	Dr. Manasa.A
Wk 10	Gingival inflammation	Dr. N Rohini
Wk 11	Clinical features of gingivitis	Dr. Rekha rani. K
Wk 12	Gingival enlargement	Dr. Rajashree D
Wk 13	Acute gingival infections	Dr.J. Surya prasanna
Wk 14	Gingival diseases of childhood	Dr. Hima bindu. G
Wk 15	Desquamative gingivitis	Dr. Manasa.A
Wk 16	Periodontal pocket	Dr. Bharath chandra
Wk 17	Periodontal abcess and its treatment	Dr. Gita Malathi

Wk 18	Trauma from occlusion	Dr.Veerendra nath reddy. P
Wk 19	Periodontal manifestations of HIV	Dr.J. Surya prasanna
Wk 20	Chronic periodontitis	Dr. Hima bindu. G
Wk 21	Aggressive periodontitis	Dr. Srikanth
Wk 22	Smoking and periodontal diseases	Dr. Bharath chandra
Wk 23	splinting	Dr. Rekha rani. K
Wk 24	Oral malodor	Dr.Veerendra nath reddy. P
Wk 25	Bone loss patterns	Dr. Vishali

DAY WISE CLINICAL TEACHING SCHEDULE FOR III BDS STUDENTS

The III year BDS students are posted for 22 days . The day wise (1PM TO 3PM) clinical teaching for the III BDS students is as follows:

Day 1 = Discussion on Infection control

Day 2= Viva on Infection control

Day 3= Discussion on periodontal instrumentation

Day 4= Viva on periodontal instrumentation

Day 5= Chair position and Principles of instrumentation

Day 6= Demonstration of Hand scaling and root planing

Day 7= Maintenance (sharpening) of instruments

Day 8= Discussion on Gingiva

Day 9= Discussion on Periodontal ligament

Day 10= Discussion on Cementum and Alveolar bone

Day 11= Discussion on Classification of Periodontal Diseases

Day 12 = Discussion on clinical features of Gingivitis

Requirements:

Case histories(Short)- 5

Hand scalings -10

Students should have to complete the work prescribed by the concerned department from time to time and submit a certified record for evaluation.

Prescribed book:

Glickman's Clinical Periodontology- Caranza

Reference Books:

1. Essentials of Periodontology and periodontics- Torquil Macphee
2. Contemporary periodontics- Cohen
3. Periodontal therapy- Goldman
4. Orban's periodontics- Orban
5. Oral Health Survey- WHO
6. Preventive Periodontics- Young and Stiffler
7. Public Health Dentistry- Slack
8. Advanced Periodontal disease- John Prichard
9. Preventive Dentistry- Forrest
10. Clinical Periodontology- Jan Lindhe
11. Periodontics- Baer & Morris

SYLLABUS

PROGRAMME FOR IV YR BDS- ACADEMIC YEAR 2018-19

Subject: Periodontics

Staff incharge: Dr. D. Rajashree, G. Himabindu.

Aim of the course: Is to make the students comprehend the intricacies of the subject, as well as to help them develop a flair for doing minor surgical procedures in addition to scaling and root planing.

Objectives:

To help them understand in detail the etiopathogenesis and treatment of Periodontal diseases.

To aid them in developing an interest towards the subject for Postgraduate studies.

To instill in them interest to undertake research in the field of Periodontics.

Number of hours: Theory----- 50

Clinicals----- 130

Total ----- 180

Minimum Attendance required: Theory - 80%

Clinicals - 80%

Examination: Three internal assessment examinations and prefinal examination.

Referred and detained students must appear for at least two internal assessment exams.

Marks distribution (200)

1. THEORY Total-100 marks

Exam: 70

Viva voce: 20

2. CLINICALS Total-100 marks

Exam: 90

Internal assessment: 10

Internal assessment: 10

Internal assessment schedule:

I Internal - III rd week of Dec 2018

II Internal - II nd week of Mar 2019

III Internal - II nd week of June 2019

Ist Internal Syllabus:

1. Gingiva
2. Periodontal ligament
3. Cementum
4. Alveolar bone
5. Classification of periodontal diseases
6. Plaque and plaque control
7. Calculus
8. Defense Mechanisms of gingiva
9. Gingival inflammation & Clinical features of gingivitis
10. Microbial interactions with the host.
11. Influence of systemic diseases on the periodontium.
12. Desquamative gingivitis
13. Acute gingival infections & treatment
14. Gingival diseases in childhood
15. Periodontal therapy in the female patient

II Internal Syllabus

1. Periodontal pocket
2. Chronic Periodontitis
3. Aggressive Periodontitis
4. Smoking and periodontal disease
5. Immunity & inflammation
6. Trauma from occlusion
7. Bone loss & patterns of bone destruction
8. Periodontal medicine
9. Prognosis

10. Risk assessment
11. Periodontal manifestation of HIV
12. Treatment plan & rationale
13. Periodontal abscess
14. Advanced diagnostic techniques
15. Endo-perio lesions
16. Chemotherapeutic agents

III Internal Syllabus

1. General principles of periodontal surgery.
2. Gingival curettage & Gingivectomy
3. Splinting
4. Host modulation
5. Periodontal Flap surgery
6. Flap technique for pocket elimination
7. Furcation involvement & treatment
8. Resective osseous surgery
9. Regenerative osseous surgery
10. Periodontal plastic surgery
11. Dental implants
12. SPT
13. Occlusal therapy
14. Oral malodour

Theory classes

Duration	Topic	Staff in charge
WK 1	Host microbial interaction	Dr.J. Surya prasanna
WK 2	Plaque control	Dr. Hima bindu. G
WK 3	Advance diagnostic aids	Dr. Manasa. A
WK 4	Risk assessment	Dr. N Rohini
WK 5	Prognosis	Dr. Rekha rani. K
WK 6	Treatment plan	Dr.Veerendranath reddy. P
WK 7	Rationale for periodontal treatment	Dr.Rajashree D
WK 8	Treatment for medically compromised	Dr. Hima bindu. G
WK 9	Periodontal therapy for female patient	Dr. Gita Malathi
WK 10	FIRST INTERNAL EXAM	
WK 11	Host modulation	Dr. Rajashree
WK 12	Endo-perio lesions	Dr.Veerendranath. P
WK 13	General principles of periodontal surgery	Dr.J. Surya prasanna
WK 14	Gingival surgical techniques	Dr. Hima bindu. G
WK 15	Periodontal flap	Dr. Manasa. A
WK 16	Flap techniques for pocket elimination	Dr.Bharath. G
WK 17	Resective osseous surgery	Dr. Rekha rani. K
WK 18	Regenerative surgery	Dr.Venkata srikanth
WK 19	Furcations and treatment	Dr.J. Surya prasanna
WK 20	SECOND INTERNAL EXAM	
WK 21	Perio plastic & esthetic surgery	Dr. vishali
WK 22	SPT	Dr. Manasa. A
WK 23	Dental implants	Dr.Bharath. G
WK 24	Influence of systemic conditions on periodontal health	Dr. Rekha rani. K
WK 25	Adjunctive role of orthodontic therapy	Dr.Veerendranath. P
WK 26	Lasers in periodontal surgery	Dr.J. Surya prasanna

WK 27	Occlusal therapy	Dr.K.Rekharani
WK 28	Revision on Etiology Of periodontal diseases	Dr.K.Rekharani
WK 29	Revision on pathogenesis	Dr. J. Surya Prasanna
WK 30		
WK 31	Revision on periodontal therapy	Dr.Veerendranath reddy
WK 32		
WK 33	THIRD INTERNAL EXAM	

DAY WISE CLINICAL TEACHING SCHEDULE FOR IV BDS STUDENTS

The IV year BDS students are posted for 40 days. The day wise(9am-12:30pm) clinical teaching for the IV BDS students is as follows:

Day 1 = Discussion on periodontal instrumentation and basic periodontal structures

Day 2= Demonstration on Ultrasonic scaling

Day 3= Discussion on various aspects of Case history

Day 4= Discussion on Medical History

Day 5= Demonstration on history taking and clinical examination of the patient

Day 6= Discussion on various Periodontal Indices

Day 7= Demonstration on recording different indices

Day 8= Discussion on diagnosis of periodontal diseases and determination of prognosis

Day 9= Radiographic interpretation and Lab investigations

Day 10= Formulating Treatment Plan

Day 11= Discussion on Gingival inflammation and clinical features of Gingivitis

Day 12= Discussion on Gingival Enlargement

Day 13 = Discussion on Periodontal pocket

Day 14 = Discussion on Bone loss and patterns of bone destruction

Day 15 = Discussion on Trauma from occlusion

Day 16 = Discussion on Chronic Periodontitis

Day 17 = Discussion on Aggressive Periodontitis

Day 18 = Discussion on Furcation involvement and treatment aspects

Day 19 = Discussion on Risk Assessment

Day 20 =Plaque control and motivation of patients

Day 21=Demonstration to patients about different oral hygiene aids

Requirements:

Case histories(long)- 10

Hand scalings- 20

Ultrasonic scaling -10

Minor surgical procedures-2

Demonstration regarding various surgical procedures (gingivectomy, gingivoplasty, various pocket elimination therapies, mucogingival surgeries) is given. Students are also required to assist the staff during the surgical procedures. Demonstration regarding following procedures, post operative care and supervision is also done.

Students should have to complete the work prescribed by the concerned department from time to time and submit a certified record for evaluation

A work record should be maintained by all the students and should be submitted at the time of examination after due certification from the head of the department.

Prescribed book:

Glickman's Clinical Periodontology- Caranza

Reference Books:

1. Essentials of Periodontology and periodontics- Torquil Macphee
2. Contemporary periodontics- Cohen
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