COURSE DATA

Data Subject	
Code	34710
Name	Oral manifestations of systemic illnesses
Cycle	Grade
ECTS Credits	4.5
Academic year	2021 - 2022

Study (s)

Degree	Center	Acad. year	Period
1206 - Degree in Dentistry	Faculty of Medicine and Odontology	2	Second term

Subject-matter

Degree	Subject-matter	Character
1206 - Degree in Dentistry	13 - Oral manifestations of systemic diseases	Obligatory

Coordination

Name	Department
BAGAN DEBON, LETICIA	131 - Stomatology
JIMENEZ SORIANO, MARÍA YOLANDA	131 - Stomatology

SUMMARY

Within the general medicine concepts in the second year this subject introduces the student to oral manifestations of systemic diseases, such as: the oral manifestations of the liver patient, with renal pathology, with endocrine pathology , joint pathology, hematological alterations, pregnancy and menopause. In addition, general guidelines for specific dental treatment in this type of patient are given. The content is also related to other subjects in the same course as they are; pathological anatomy, pharmacology, and general pathology.

PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

There are no specified enrollment restrictions with other subjects of the curriculum.

Other requirements

Having completed and passed the basic Subjects corresponding to the Health Sciences branch.

OUTCOMES

1206 - Degree in Dentistry

- Saber realizar un examen bucal completo, incluyendo las oportunas pruebas radiográficas y de exploración complementarias, así como la obtención de adecuadas referencias clínicas
- Tener capacidad para elaborar un juicio diagnóstico inicial y establecer una estrategia diagnóstica razonada, siendo competente en el reconocimiento de las situaciones que requieran una atención odontológica urgente.
- Establecer el diagnóstico, pronóstico y una adecuada planificación terapéutica en todas las áreas clínicas de la Odontología, siendo competente en el diagnóstico, pronóstico y elaboración del plan de tratamiento odontológico del paciente que requiera cuidados especiales, incluidos los pacientes médicamente comprometidos (como diabéticos, hipertensos, inmunodeprimidos, anticoagulados, entre otros) y pacientes con discapacidad.
- Conocer las manifestaciones orales de las enfermedades sistémicas.
- Conocer los procedimientos y pruebas diagnósticas clínicas y de laboratorio, conocer su fiabilidad y validez diagnóstica y ser competente en la interpretación de sus resultados.

LEARNING OUTCOMES

To know how to perform an adequate clinical examination of the oral cavity including mucosa, glands, joint, bone and tooth tissue. To have an appropriate knowledge on how systemic diseases can be manifested in the oral cavity in order to perform a tentative diagnosis, to ask for the necessary complementary tests and to be able to reach an adequate therapeutic planning on oral mucosa pathology and patients handling.

DESCRIPTION OF CONTENTS

1. TEORETHICAL

Lesson 1: Clinical history and examining of the oral cavity and its attachments. (2 theoretical hours).
Lesson 2. Diagnostical techniques applied to the pathology in the oral cavity diagnosis: Hematologic, radiologic, histopathological, salivary and genetic. (3 theoretical hours)
Lesson 3: Description of the manifesting in the oral mucosa and salivary glands in gastrointestinal and hepatic diseases, as well as the odontologic handling of these patients (2 theoretical hours).
Lesson 4: Description of the manifesting in the oral mucosa, salivary glands, teeth, periodontal tissue

and maxillary bones in endocrinal and metabolic diseases, as well as the odontologic handling of these patients: Diabetes, suprarenal glands alterations, thyroidal alterations and hypophysiary alterations. (4 theoretical hours).
Lesson 5: Description of the manifesting in the temporal-mandibular joints of osteoarticular systemic diseases, as well as their specific treatment in the mentioned joints and the oral cavity. (3 theoretical hours).
Lesson 6: Description of the manifesting in the oral mucosa, periodontal tissue, salivary glands and maxillary bones in chronic kidney diseases, especially in those with hemodialysis complications and transplants. (2 theoretical hours).
Lesson 7: Descriptions of the manifesting in the oral mucosa, periodontal tissue and salivary glands in the hematologic diseases, as well as the odontologic handling of these patients. (2 theoretical hours)
Lesson 8: Description of the odontologic handling of the patient with hemostatic alterations. (2.5 theoretical hours).
Lesson 9: Description of the manifesting n the oral mucosa in pregnancy and menopause, as well as the odontologic handling of these patients. (2 theoretical hours).

2. PRACTICES. COMPUTER LAB

In these practices, clinical cases will be presented online.

- Clinicals cases in wicht

Auto evaluation tests.

3. PRACTICES IN THE LABORATORY/CLINIC

These will be practices on examination, radiographic sessions and salivary examining.

WORKLOAD

ACTIVITY	Hours	% To be attended
Theory classes	25,00	100
Classroom practices	10,00	100
Computer classroom practice	7,00	100
Laboratory practices	3,00	100
Development of group work	12,00	0
Development of individual work	12,50	0
Study and independent work	39,00	0
Readings supplementary material	4,00	0
TOTAL	**112,50**	

TEACHING METHODOLOGY

-During theoretical classes the professor will expose contents, methods and techniques oriented to the development of the knowledge and abilities to be acquired by the students.

-During seminars the professor will share extensive iconographic material on diverse clinical aspects of the subject, as for example oral clinical images, radiographic images, CAT scan, MRI, techniques used in the laboratory, techniques used in clinic (sialometries, biopsies).

-Practices in the laboratory/clinic: there will be consults set with patients on their first visits always fully under supervision. Full clinical examinations will be performed and complementary tests like orthopantomography will be valued.

-Practices in the computer lab: diagnosis and treatment exercises will be performed on the supposed clinical cases.

EVALUATION

THEORETICAL EXAM

1. A theoretical test will be held in June. This one will evaluate the contents seen in theoretical and seminaries.

2. This exam will consist of short and long questions (not test-like)

PRACTICAL EXAM

In addition to the theoretical written exam, students will have a practical exam on clinical cases, at the end of the course. It will evaluate all the subject's contents.

FINAL GRADE

a) Media of the continuous evaluation 30%.

b) The remaining 70% of the final grade will be obtained the following way:

* Theoretical exam: 60% out of that 70%

* Practical test: 40% out of that 60%.

(Exams will not be saved for following year).

Note: To pass the course you must:

1. Have passed the final theoretical exam as well as the practical one.

2. Have presentd the work of the scheduled seminars.

3. Have attended the clinical practice and clinical session.

In order to access to an advance on the call of this subject, it is a requirement that the student has coursed with benefits all his/her practices.

REFERENCES

Basic

- Bagán JV. Medicina Bucal. Medicina Oral, S.L. Valencia, 2010.
- Bagán JV, Jiménez Y. Fisiopatología de las glándulas salivales. Medicina Oral, S.L. Valencia, 2010
- Cawson RA, Odell EW. Cawson fundamentos de Medicina y Patología Oral. Elsevier, Barcelona, 2009
- Bagan JV. Medicina y Patología Bucal. València: Medicina Oral SL; 2013. ISBN: 978-84-616-5253-2. Depòsit legal: V-2269-2013

Additional

- Atles d'imatges clíniques i casos clínics:
  http://www.uv.es/medicina-oral/Docencia/atlas/atlas.htm
  Pàgina d'alumnes:
  http://www.uv.es/medicina-oral/Docencia/r/indice.htm
- Medicina Oral Patología Oral y Cirugía Bucal
  www.medicinaoral.com
- Pàgina de les sessions clíniques:
  www.medicinaoral.com/sesioneshospgenweb/001.html

ADDENDUM COVID-19

This addendum will only be activated if the health situation requires so and with the prior agreement of the Governing Council

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Siguiendo las recomendaciones del Ministerio, la Consellería y el Rectorado de nuestra Universidad, para el período de la "nueva normalidad", la organización de la docencia para el segundo cuatrimestre del curso 2021-22, seguirá un modelo híbrido, donde tanto la docencia teórica como práctica se ajustará a los horarios aprobados por la CAT pero siguiendo un modelo de Presencialidad / No presencialidad en la medida en que las circunstancias sanitarias y la normativa lo permitan y teniendo en cuenta el aforo de las aulas y laboratorios docentes. Se procurará la máxima presencialidad posible y la modalidad no presencial se podrá realizar mediante videoconferencia cuando el número de estudiantes supere el coeficiente de ocupación requerido por las medidas sanitarias. De manera rotatoria y equilibrada los

estudiantes que no puedan entrar en las aulas por las limitaciones de aforo asistirán a las clases de manera no presencial mediante la transmisión de las mismas de manera síncrona/asíncrona via “on line”.