

Course Title	<b>Neurosciences/Mental Health II</b>				
Course Code	MD515				
Course Type	Compulsory				
Level	1 <sup>st</sup> Cycle (MD)				
Year / Semester	5 <sup>th</sup> Year / 8 <sup>th</sup> Semester				
Teacher's Name	TBA				
ECTS	12	Lectures / week	6 / 16 weeks	Laboratories / week	7 / 16 weeks
Course Purpose and Objectives	<p>The objective of the course is to familiarize students with:</p> <ul style="list-style-type: none"> <li>• The signs, symptoms, clinical examination, diagnosis, treatment and management of psychiatric disorders</li> <li>• The clinical manifestations, diagnosis, medical and surgical management and prevention of common diseases of the Ear, Nose Throat, Salivary Glands as well as the Head and Neck.</li> <li>• The structure, function and clinical problems of the visual system.</li> <li>• Preventable ophthalmic disorders.</li> <li>• Basics of diagnosis and management of acute and chronic conditions, with emphasis on visual loss</li> </ul>				
Learning Outcomes	<p>Upon successful completion of this course, students will be able to:</p> <ul style="list-style-type: none"> <li>• Examine patients for psychiatric symptoms</li> <li>• Perform differential diagnosis and form a diagnosis</li> <li>• Familiarize themselves with psychiatric medications and management planning</li> <li>• List the key emergencies conditions in ophthalmology</li> <li>• Explain the mechanisms for visual loss</li> <li>• Outline the relation of systemic diseases and ocular problems.</li> <li>• Understand the main ocular diseases.</li> <li>• Describe (and perform) the basic diagnostic tests in ophthalmology for acute and chronic conditions.</li> <li>• Detail the basic treatment options (for non-specialist) of the most important acute and chronic conditions in ophthalmology</li> <li>• Identify the most frequently encountered pathologies affecting the ear, nose throat, salivary glands and the head and neck.</li> <li>• Diagnose the most frequently encountered pathologies of the ear, nose throat, salivary glands and the head and neck by obtaining a past clinical history and carrying out physical examinations with focus on the otorrhinolaryngological pathologies, indications and interpretation of the principal complementary studies in otorrhinolaryngology, audiometry, otoscopy, rhinoscopy, laryngoscopy/ pharyngoscopy, ordering suitable imaging etc.</li> </ul>				

	<ul style="list-style-type: none"> <li>• To have a basic knowledge of the management (medical-surgical treatment) of the most frequently encountered pathologies of the ear, nose and throat salivary glands and the head and neck. To be able to decide when it is necessary to refer to an ENT specialist (As well as how urgent that referral should be).</li> </ul>		
Prerequisites	None	Co-requisites	None
Course Content	<ul style="list-style-type: none"> <li>• Signs, symptoms, diagnosis and treatment of the main categories of psychiatric disorders</li> <li>• Clinical examination and clinical skills in psychiatry, such as patient interviewing</li> <li>• Basic structure and function of the visual system</li> <li>• Problem based approach for <ul style="list-style-type: none"> <li>○ Preventing blindness</li> <li>○ Acute – Emergency disorders</li> <li>○ Blinding conditions</li> <li>○ Malignancies and life threatening conditions</li> <li>○ Systemic associations</li> </ul> </li> <li>• Anatomical classification of the most frequent conditions</li> <li>• Clinical skills for diagnosis (history taking, physical examination and laboratory support) for the important ophthalmic pathologies.</li> <li>• Preventative measures and management options for the acute and chronic conditions.</li> <li>• Otology-Neurotology</li> <li>• Most frequently encountered pathologies of the ear and the vestibular organ</li> <li>• Diseases of external, middle and inner ear, hearing loss, vertigo, tinnitus, facial nerve disorders</li> <li>• Methods of diagnosis</li> <li>• Clinical examination and functional diagnostic tests</li> <li>• Medical and surgical treatment and prevention of the above described diseases and conditions</li> <li>• The nose and the Paranasal Sinuses</li> <li>• Inflammations and tumors of the nose, epistaxis, injuries, deformities</li> <li>• Medical and surgical treatment and prevention of the above described diseases and conditions</li> <li>• The Pharynx</li> <li>• Inflammatory diseases and neoplastic lesions of the pharynx</li> <li>• Clinical examination</li> <li>• Methods of diagnosis</li> <li>• Medical and surgical treatment and prevention of the above described diseases and conditions</li> <li>• The Larynx</li> </ul>		

	<ul style="list-style-type: none"> <li>• Inflammatory diseases of the larynx , voice disorders and dysphagia</li> <li>• Laryngeal cancer</li> <li>• Clinical examination <ul style="list-style-type: none"> <li>• Methods of diagnosis</li> </ul> </li> <li>• Medical and surgical treatment and prevention of the above described diseases and conditions</li> <li>• Facial plastic and reconstructive surgery</li> <li>• Tumours of the facial skin</li> <li>• Midface fractures</li> <li>• Methods of diagnosis</li> <li>• Medical and surgical treatment and prevention of the above described diseases and conditions</li>   <li>• Pediatric Otolaryngology</li> <li>• Most common otolaryngological diseases in pediatric patients</li> <li>• Clinical examination <ul style="list-style-type: none"> <li>• Methods of diagnosis</li> </ul> </li> <li>• Medical and surgical treatment and prevention of the above described diseases and conditions</li> <li>• Head and Neck Oncology <ul style="list-style-type: none"> <li>• Tumours of the head and neck</li> <li>• Prevention</li> </ul> </li> <li>• Clinical examination <ul style="list-style-type: none"> <li>• Methods of diagnosis</li> </ul> </li> <li>• Medical and surgical treatment and prevention of the above described diseases and conditions</li>   <li>• ENT Emergencies</li> <li>• Airway management: Cricothyrotomy, elective and emergency tracheostomy</li> <li>• Hemorrhage in the upper respiratory tract</li> <li>• Foreign bodies in the upper respiratory tract</li> <li>• Tonsillogenic complications</li> <li>• Sinusogenic complications</li> <li>• Orogenic complications</li> <li>• Facial nerve paralysis</li> <li>• Acute vestibular loss</li> <li>• Acute hearing loss</li> </ul>
Teaching Methodology	Face-to-face, Lectures, Case Presentations, Small group problem-based scenarios, Practical exercises, Quizzes, Virtual patient scenarios, Clinical Rotations
Bibliography	Michael G. Gelder, et al., New Oxford Textbook of Psychiatry - Oxford University Press

	<p>Kaplan &amp; Sadock's, Concise Textbook of Clinical Psychiatry, - Wolters Kluwer</p> <p>Basic Ophthalmology; Richard A. Harper; 978-1615251230; American Academy of Ophthalmology;</p> <p>Ophthalmology: An Illustrated Colour Text; Batterbury, M.; ISBN: 9780702075025</p> <p>Essential ENT Paperback – 30 Sep 2011 by Rogan J. Corbridge Hodder Arnold, an Hachette UK company</p> <p>Ear, Nose and Throat and Head and Neck Surgery: An Illustrated Colour Text–by Ram S Dhillon FRCS (Author), Charles A. East FRCS. Churchill Livingstone Elsevier</p>
Assessment	<p>Examinations: 70%</p> <p>Assignment/Lab/Logbook 20%</p> <p>Class Participation: 10%</p>
Language	English