

## FIȘA DISCIPLINEI

### 1. Date despre program

1.1 Instituția de învățământ superior	<b>UNIVERSITATEA DE MEDICINA SI FARMACIE "VICTOR BABEȘ" TIMIȘOARA</b>
1.2 Facultatea	<b>FACULTATEA DE MEDICINĂ-FACULTATEA DE MEDICINĂ DENTALĂ FACULTATEA DE FARMACIE</b>
1.3 Departamentul	<b>VIII</b>
1.4 Domeniul de studii de ..... <sup>1)</sup>	Licență
1.5 Ciclul de studii <sup>2)</sup>	Licență
1.6 Programul de studii/ Calificarea	<b>Medicină/AMG/BFKT/ND/MD/TD/APS/F/AF</b>

### 2. Date despre disciplină

2.1. Denumirea disciplinei	<b>Neurology</b>							
2.2 Titularul activităților de curs	Sef de Lucrari Dr. Rosca Elena Cecilia							
2.3 Titularul activităților de laborator								
2.4 Anul de studiu	<b>I V</b>	2.5 Semestrul	<b>8</b>	2.6 Tipul de evaluare	<b>EXAM</b>	2.7 Regimul disciplinei	Conținut <sup>3)</sup>	<b>DMG</b>
							Obligativitate <sup>3)</sup>	<b>DI</b>

### 3. Timpul total estimat (ore pe semestru al activităților didactice)

3.1 Număr de ore pe săptămână	<b>4</b>	3.2 din care: curs	<b>2</b>	3.3 laborator	<b>2</b>
3.4 Total ore din planul de învățământ	<b>36</b>	3.5 din care: curs	<b>14</b>	3.6 laborator	<b>14</b>
Distribuția fondului de timp					ore
Studiul după manual, suport de curs, bibliografie și notițe					20
Documentare suplimentară în bibliotecă, pe platformele electronice de specialitate și pe teren					6
Pregătire seminarii/ laboratoare/ proiecte, teme, referate, portofolii și eseuri					4
Tutoriat					
Examinări					2
Alte activități					
<b>3.7 Total ore studiu individual</b>	<b>30</b>				
<b>3.8 Total ore pe semestru</b>	120				
<b>3.9 Numărul de credite<sup>5)</sup></b>	<b>4</b>				

### 4. Precondiții (acolo unde este cazul)

4.1 de curriculum	Not applicable
4.2 de competențe	Not applicable

### 5. Condiții (acolo unde este cazul)

5.1 de desfășurare a cursului	<ul style="list-style-type: none"> <li>Room needs a laptop, projector, interactive board.</li> <li>Mobile phones will be kept on silent during the class</li> <li>Students will meet in the assigned class</li> <li>Attendance is mandatory</li> </ul>
5.2 de desfășurare a seminarului/ laboratorului/ proiectului	<ul style="list-style-type: none"> <li>Rooms will need a laptop, projector, interactive board</li> <li>Teaching and learning at the bedside, on the Neurology ward</li> <li>Mobile phones will be kept on silent mode</li> <li>Students will meet in the assigned class</li> <li>Attendance to the practical stages is mandatory</li> </ul>

### 6. Competențe specifice acumulate

<b>Competențe Profesionale</b>	<ol style="list-style-type: none"> <li>1. Introduction to general Neurology.</li> <li>2. Fundamental principles of diagnosis and treatment of the major neurological disorders.</li> <li>3. Special management considerations for patients with neurological diseases.</li> <li>4. Interdisciplinary approach of the neurologic patients, in correlation with other disciplines such as internal medicine, cardiology, geriatrics.</li> </ol>
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<b>Competențe transversale</b>	1. Patients with neurological disease require special management considerations. These include pretreatment treatment planning, therapeutic techniques, and posttreatment requirements.
	2. The profession of dentist is a job that requires interdisciplinarity, which is why it is necessary to develop abilities in other medical fields.

#### 7. Obiectivele disciplinei (reieșind din competențele specifice acumulate)

7.1 Obiectivul general al disciplinei	1. Notions of general neurology 2. Fundamental principles of diagnosis and treatment of the major neurological disorders. 3. Knowledge of the general and specific management principles of patients with neurological disorders, including pretreatment treatment planning, therapeutic techniques, and posttreatment requirements.
7.2 Obiectivele specifice	Dental care for patients with neurological disorders needs a specific approach, due to the fact that these patients belong to the class of patients with special needs. Knowledge of the specific aspects of the neurological diseases, enables the dentist to provide a high-quality dental care.

#### 8. Conținuturi

8.1 Curs	Metode de predare	Număr de ore	Observații
1. The semiology of the cranial nerves	Lecture, debate and discussion	1.3	
2. Headaches		1.3	
3. Muscular diseases		1.3	
4. Diseases of the peripheral nerves		1.3	
5. Spinal diseases		1.3	
6. Ataxic syndromes		1.3	
7. Extraparapidal syndromes: Parkinson's disease, parkinsonian syndromes, choreic syndromes, dystonia		1.3	
8. Cerebral ischemic stroke – etiology, pathogeny, symptoms, clinical syndromes, treatment		1.3	
9. Cerebral hemorrhage: etiology, symptoms, clinical signs, treatment (intracerebral hemorrhage, subarachnoid hemorrhage). Cerebral thrombophlebitis		1.3	
10. Neuroinfections – encephalitis. Multiple sclerosis		1.3	
11. Epilepsy – etiology, pathogeny, clinical picture, treatment, status epilepticus		1.3	
12. Coma. Neurological emergencies in dental medicine		1.3	
13. Dementias – etiology, clinical signs, treatment		1.3	
14. EXAM		1.3	

##### Bibliografie obligatorie:

1. Neurology Course. M. Simu. Ed. Mirton Timisoara 2007.
2. Crispian Scully. Scully's Medical Problems in Dentistry. 7th Edition. Churchill Livingstone 2014.

##### Bibliografie facultativă:

1. Adam's And Victor's Principles of Neurology 10 Th Edition, Mcgraw-Hill Professional 2014
2. Charles Clarke (Ed.), Robin Howard (Ed.), Martin Rossor (Ed.), Simon Shorvon (Ed). Neurology: A Queen Square Textbook, 2nd Edition. Wiley-Blackwell 2016.
3. Joseph Jankovic, John C, Mazziotta & Scott L Pomeroy, Robert B. Daroff. Bradley's Neurology in Clinical Practice. 7<sup>th</sup> Edition. Elsevier 2016.

8.2 Seminar/ Laborator /stagiu/ proiect	Metode de predare-învățare	Număr de ore	Observații
1. The clinical neurological examination. Neurological	LECTURE+DEBATE+STUDIES – CASE PRESENTATIONS	1.3	

semiology			
2. The cranial nerves – neurological examination, semiology, diagnosis of the cranial nerves palsy, paraclinical workup		1.3	
3. The patient with muscular disease.		1.3	
4. The patient with peripheral nerves disease		1.3	
5. The patient with spinal disease.		1.3	
6. Ataxic syndromes		1.3	
7. The patient with extrapyramidal disease: parkinsonian and choreic syndromes		1.3	
8. The patient with ischemic stroke. Clinical signs, paraclinical investigations, treatment.		1.3	
9. The patient with cerebral hemorrhage: Clinical signs, paraclinical investigations, treatment.		1.3	
10. The patient with multiple sclerosis. Clinical picture, paraclinical investigations, treatment.		1.3	
11. The patient with epilepsy. Clinical picture, paraclinical investigations, treatment, emergency approach.		1.3	
12. The patient in coma. Clinical picture, paraclinical investigations, treatment, emergency approach.		1.3	
13. The patient with dementia. Clinical signs, paraclinical investigations, treatment.		1.3	
14. Practical EXAM		1.3	
<b>Bibliografie obligatorie:</b> 1. Geraint Fuller. Neurological Examination Made Easy. 5th Edition. Churchill Livingstone 2013.			
<b>Bibliografie facultativă:</b> 1. Paul Rea. Clinical Anatomy of the Cranial Nerves. Academic Press 2014.			

**9. Coroborarea conținuturilor disciplinei cu așteptările reprezentanților comunităților epistemice, asociaților profesionale și angajatori reprezentativi din domeniul aferent programului**

The graduate receives all the necessary information to prepare for his entry into the labor market, either as an employee, as a collaborator, or as his own manager. He gets knowledge on how to manage patients with neurological disorders, with neurological disorders, including pretreatment treatment planning, therapeutic techniques, and posttreatment requirements.

#### 10. Evaluare

Tip activitate	10.1 Criterii de evaluare	10.2 Metode de evaluare	10.3 Pondere din nota finală
10.4 Curs	<i>Cunoștințe pentru nota 5:</i> Understanding and using the specific notions of general neurology. <i>Cunoștințe pentru nota 10:</i> Managing patients with neurological disorders, from diagnosis to treatment.	Multiple choice test.	50%
10.5 Laborator/Stagiu	<i>Cunoștințe pentru nota 5:</i> Clinical examination of the neurologic patient. <i>Cunoștințe pentru nota 10:</i> Case studies.	Oral exam.	40% (practical exam) 10% - activity during the semester
10.6 Standard minim de performanță			
Understanding and using the specific notions of general neurology.			

Data completării	Semnătura titularului de curs Dr Rosca Elena Cecilia	Semnătura titularului de laborator/stagiu
2.11.2018		
Semnătura șefului de disciplină Prof Univ dr Simu Mihaela		
Data avizării în departament	Semnătura directorului de departament Prof. Dr. Simu Mihaela	
2.11.2018		

#### Notă:

- 1) Domeniul de studii - *se alege una din variantele:* Licență/ Masterat/ Doctorat (**se completează conform cu Nomenclatorul domeniilor și al specializărilor/ programelor de studii universitare în vigoare**) ;
- 2) Ciclul de studii - *se alege una din variantele:* Licență/ Master/ Doctorat;
- 3) Regimul disciplinei (conținut) - *se alege una din variantele:* **DF** (disciplină fundamentală)/ **DD** (disciplină din domeniu)/ **DS** (disciplină de specialitate)/ **DC** (disciplină complementară) - *pentru nivelul de licență;* **DAP** (disciplină de aprofundare)/ **DSI** (disciplină de sinteză)/ **DCA** (disciplină de cunoaștere avansată) - *pentru nivelul de masterat;*
- 4) Regimul disciplinei (obligativitate) - *se alege una din variantele:* **DI** (disciplină obligatorie)/ **DO** (disciplină opțională)/ **DFac** (disciplină facultativă);
- 5) Un credit este echivalent cu 25 – 30 de ore de studiu (activități didactice și studiu individual).
- 6) Pentru specializările și/sau disciplinele a căror tematică se regăsește în bibliografia de rezidențiat, aceasta devine obligatorie.