

## Physical and Rehabilitation Medicine

### Topics of the lectures 3rd year GM

Rehabilitation in neurology  
Rehabilitation in traumatology

Literature:

Maria Gabriella Ceravolo - Nicolas Christodoulou (Editors). PHYSICAL AND REHABILITATION MEDICINE for Medical Students, 2018, ISBN 978-88-7051-636-4 - Digital edition, Free downloadable from:

[https://www.uems-prm.eu/resources/Physical\\_Rehabilitation\\_Medicine\\_for\\_medical\\_students.pdf](https://www.uems-prm.eu/resources/Physical_Rehabilitation_Medicine_for_medical_students.pdf)

Ward A B, Barnes M P, Stark S C, Ryan S. Oxford handbook of clinical rehabilitation. 2 nd ed., Oxford University Press. 2009, 465 p., ISBN 978-0-19-955052-4

Dear students,

due to current epidemiological situation we ask you to prepare and send the following seminar works in the subject **Physical and Rehabilitation Medicine**.

Please follow the instructions:

The seminar work should contain title, authors with names, study group, year of study, date.

Introduction

Main characteristic of topics

Conclusion

References

Font: Times New Roman 12, line spacing 1,5, 3-4 pages, format A4.

**20.4.-24.4.2020**

Head of each group will send finished seminar works till **24.4.2020** 11.00 a.m to

[anna.kubincova@upjs.sk](mailto:anna.kubincova@upjs.sk)

**Topics of seminar works for each group bellow:**

**2ab:** Cardiac rehabilitation-definition, aims

Pulmonary rehabilitation - Airway clearance strategies

**11ab:** Cardiac rehabilitation - Contraindications and precautions

Chronic obstructive pulmonary disease (COPD) – Clinical features

**14 ab:** Main phases of cardiac rehabilitation

Pulmonary rehabilitation - Mechanical ventilation,

**1 ab:** General recommendations for aerobic exercising in cardiac rehabilitation

Pulmonary rehabilitation - Oxygen therapy

**6 ab:** Main anticipated goals and expected outcomes for people suffering from coronary artery disease (Cardiac rehabilitation)

Chronic obstructive pulmonary disease (COPD) – Aims and strategies of rehabilitation management

**12ab:** General recommendations for resistance exercise training (cardiac rehabilitation)

Pulmonary rehabilitation -Therapeutic respiratory techniques

**8ab:** Cardiac rehabilitation-definition, aims

Pulmonary rehabilitation - Chest physical therapy

**13ab:** Main phases of cardiac rehabilitation

Pulmonary rehabilitation - Aerobic exercise training

The students of **1st year GM, 2nd year GM, 4th year GM and students of ERASMUS** will have the topics sent to them by e-mail (to contact persons) and in the AiS on the electronic board of subject Physical and Rehabilitation Medicine.

**27.4. – 30.4.2020**

Head of each group will send finished seminar works till **30.4.2020** 11.00 a.m. to

[anna.kubincova@upjs.sk](mailto:anna.kubincova@upjs.sk)

**Topics of seminar works for each group bellow:**

**15ab:** Physical and rehabilitation medicine interventions in patients with hip fracture

**4ab:** Sports injuries and rehabilitation

**3ab:** Stroke – Aims and strategies of rehabilitation management