



Physical Therapy III

Adam Vajčner
Faculty of Medicine
autumn 2020





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Organization of the lecture

Interactive syllabi - main study medium

First lectures - online - Interactive syllabi/Teams - online presentations

In case of Present Lecture (face to face) - Room: St. Anne's University Hospital, building "D", 5th floor, Department of Sports Medicine and Rehabilitation - outpatient ward, room number 4

Timetable: 12:00 - 12:50, every Monday

Assessment methods: discussion about topics, Online Test

References: presentations, english books and materials, some handouts

Absence: one is tolerate (except illness - individual)

Aim of the course

Theory of magnetotherapy, laser, inhalation therapy, oxygen therapy applications and theoretical use of some special types of physical therapy

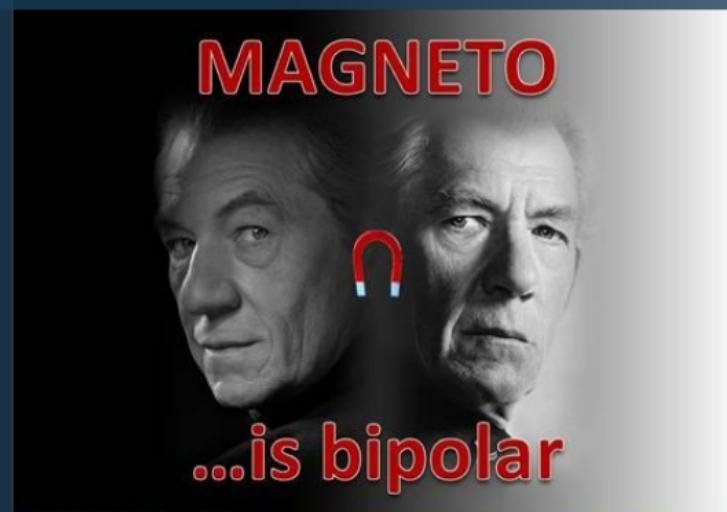
Course content

1. A magnetic field of basic concepts. Problems of biological action of the magnetic field.
2. Magnetotherapy, ways of implementation, instruments.
3. Low-Power Laser therapy, the basic concepts of biological effects.
4. Low-Power Laser therapy in physiatry, indications and contraindications. Pain, their physiological activity and possibility of therapeutical utilization.
5. Special types of physical therapy, EAV, electroacupuncture, ultra-fine bio-resonance.
6. Inhalation therapy. Use of carbon dioxide and other gases in physiatry.
7. Oxygen therapy and hyperbaric oxygen therapy.
8. Online Test + discussion

Methods of study

- Discussion Forum - in Interactive Syllabi
- Teams Microsoft - online presentation, discussion
- Presentations/materials - Interactive Syllabi
- Face to Face presentations - depend on epidemic situations

*Any questions?
Use discussion forum*



Thanks for attention



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