



International academy S.P.E.K.T.R., znanost, proizvodnja, izobraževanje,
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TERME KRKA

Terme Krka, d. o. o., Novo mesto, Novi trg 1, 8000 Novo mesto, Slovenija, www.terme-krka.si
Družba je vpisana pri Okrožnem sodišču v Novem mestu. Številka registrskega vpisa: 1/02355/00,
osnovni kapital: 14.753.239,00 EUR, matična št.: 5600120, ident. št. za DDV: S164669351

SCIENTIFIC INTERNATIONAL PROGRAM A multidisciplinary approach in therapy, rehabilitation and spa treatment.

(180 academic hours: 6.0 credits ECTS)
during the period from May 29, 2023 to June 06, 2023

Module 1. Organization of physical and rehabilitation medicine in Europe.

1. Organization of physical and rehabilitative medicine in Europe: structure and activities (2 hours).
2. Practice of physical and rehabilitative medicine in Europe (4 hours).
3. Education and continuing professional development: shaping the future of physical and rehabilitation medicine (4 hours).
4. Science and research in physical and rehabilitative medicine (4 hours).
5. Preparation and independent work (18 hours).

Module 2. Modern European rehabilitation technologies at the health centres Terme Krka.

1. Application of climatotherapy in rehabilitation of patients with upper respiratory tract diseases (2 hours).
2. Basic methods of balneological treatment (drinking mineral water, bathing in thermal pools, bathing) (2 hours). Application of paraffin therapy in diseases of the musculoskeletal system (2 hours).
3. Physical factors in pathogenetic treatment, rehabilitation and prevention (2 hours).
4. Traditional and modern phototherapy in the prevention, comprehensive treatment and rehabilitation of patients of different profiles (2 hours).

Module 3. Effective rehabilitation programmes for musculoskeletal injuries and disorders.

1. Determination of locomotor function using ICF (4 hours).
2. Physical therapy after injuries of the musculoskeletal system (2 hours). Apparatus kinesotherapy Arthromot shoulder, elbow, knee joints (2 hours).
3. Work on individual rehabilitation programs for patients (2 hours).
4. Physical rehabilitation after joint endoprosthesis (4 hours).
5. Preparation and independent work (18 hours).

Module 4. Modern technologies of rehabilitation interventions in cardiovascular diseases.

1. General and additional methods of examination of cardiac patients (4 hours).
2. Physical and social rehabilitation for cardiovascular diseases (4 hours).
3. Modern cardiovascular prevention strategies as recommended by the European Association of Cardiologists (4 hours).
4. Modern recommendations in cardiovascular surgery (European Association of Preventive Cardiology, 2020) - 4 hours.
5. Preparation and self-employment (18 hours)

Module 5. Professional rehabilitation programs for endocrine diseases based on modern knowledge and methods.

1. Physical rehabilitation in diabetes mellitus (2 hours).
2. Physical rehabilitation for obesity and metabolic syndrome (4 hours).
3. Work on individual rehabilitation programs for patients (2 hours).
4. Physical rehabilitation of bone and muscle system diseases in women during perimenopause and menopause (2 hours).
5. Preparation and independent work (18 hours).

Module 6. Modern rehabilitation intervention technologies for respiratory diseases.

1. Principles of Integrated Patient/Client Assessment with ICF (2 hours).
2. Fundamentals of physical rehabilitation in respiratory diseases (2 hours).
3. Work on individual programs of therapeutic application of respiratory methods in a patient/client with a post-acute syndrome (2 hours).
4. Comprehensive physical rehabilitation of children with bronchopulmonary diseases (2 hours).
5. Preparation and independent work (18 hours).

Jože Berus Direktor Terme Krka d.o.o. (Slovenia)

Julia Pate Prokurist International academy S.P.E.K.T.R (Slovenia)

TERME KRKA
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Medical rehabilitation center Terme Smarjeske Toplice, Terme Krka 06 June, 2023



I FEEL SLOVENIA



Evropski kmetijsko sklad za razvoj podeželja / Evropska investicija v podeželje