



ROXANA RAMONA ONOFREI

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WORK EXPERIENCE

"Victor Babes" University of Medicine and Pharmacy Timisoara - Romania, Timisoara

Professor

[03/2025 - Current]

"Victor Babes" University of Medicine and Pharmacy Timisoara - Romania, Timisoara

Associate Professor

[02/2021 - 02/2025]

"Victor Babes" University of Medicine and Pharmacy Timisoara - Timisoara

PhD supervisor

[10/2023 - Current]

"Victor Babes" University of Medicine and Pharmacy Timisoara

Head of the Research Center for the Assessment of Human Motion, Functionality and Disability

[2021 - 2024]

"Victor Babes" University of Medicine and Pharmacy Timisoara - Romania, Timisoara

Lecturer

[02/2013 - 02/2021]

"Victor Babes" University of Medicine and Pharmacy Timisoara - Timisoara

Assistant Professor

[10/2011 - 02/2013]

"Victor Babes" University of Medicine and Pharmacy Timisoara - Romania, Timisoara

University teaching assistant

[02/2006 - 10/2011]

"Pius Brinzeu" Emergency County Hospital Timisoara – Sports Medicine Clinic - Romania, Timisoara

Physical Medicine and Rehabilitation physician

[2016 - Current]

Fiziokinetic Med private practice - Romania, Timisoara

Physical Medicine and Rehabilitation physician

[01/2012 - 07/2019]

EDUCATION & TRAINING

Habilitation

"Victor Babes" University of Medicine and Pharmacy Timisoara [2023]

Website: www.umft.ro | Field(s) of study: Medicine: | Thesis: "Integrating Modern Assessments in Clinical Practice – from Prevention to Outcomes Measurement in Rehabilitation Medicine"

Musculoskeletal Ultrasound in Rehabilitation Medicine certification

[2022]

PhD

"Victor Babes" University of Medicine and Pharmacy Timisoara [2006 - 2010]

Website: www.umft.ro | Level in EQF: 8 | Thesis: "Role of rehabilitation treatment in unstable knee management"

Master degree

"Lucian Blaga" University of Sibiu [2005 - 2007]

Field(s) of study: Health management: | Level in EQF: 7

Psycho-pedagogy certification Level II

West University of Timisoara [2016 - 2017]

Psycho-pedagogy certification Level I

West University of Timisoara [2006 - 2007]

Physician – Physical Medicine and Rehabilitation

"Victor Babes" University of Medicine and Pharmacy Timisoara; Emergency City Hospital Timisoara [2006 - 2012]

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s): English | German

SKILLS

Microsoft Office | Statistical skills

PUBLICATIONS

[Crișan AF, Pescaru CC, Maritescu A, Carunta V, Stoicescu ER, Oancea C, Amaricai E, Onofrei RR. A 14-week structured breathing program:an investigation into its impact on psychological health parameters in university students. BMC Public Health, 2025; 25, 1395](#)

[Barac S, Onofrei RR, Barbu O, Pantea S, Pleșoianu C, Gîndac C, Tîmar B, Rață AL. Catheter-Directed Arterial Thrombolysis with a Low-DoseRecombinant Tissue Plasminogen Activator Regimen for Acute Lower Limb Ischemia—Results of the First Regional Registry of AcuteLimb Ischemia in Romania. Life. 2024; 14\(11\):1516](#)

[Popescu AI, Rață AL, Vlad D, Vlad C, Popescu R, Onofrei RR, Morelli M, Pantea S, Barac S. miRNA in the Diagnosis and Treatment of CriticalLimb Ischemia. Biomedicines. 2024; 12\(9\):2026](#)

[Popescu AI; Rata AL; Barac S; Popescu R; Onofrei RR; Vlad C; Vlad D. Narrative Review of Biological Markers in Chronic Limb-ThreateningIschemia. Biomedicines 2024, 12\(4\), 798](#)

[Bolovan AD; Onofrei RR; Hogeia GB; Abu-Awwad A; Lazarescu EA; Abu-Awwad SA; Tapardea AR; Suba MI; Amaricai EC. Comparison betweenExercise Program–Foot Orthoses Treatment and Exercise Program Alone after Pilon Fracture Surgery: Study Protocol for a RandomizedControlled Trial. Life 2023, 13\(11\), 2187](#)

[Talinga AA, Mederle AL, Codreanu AM, Onofrei RR, Borza C. Nerve conduction assessments in patients with lumbar radiculopathy –an observational study. Balneo and PRM Research Journal, 2023, 14\(3\): 594](#)

[Onofrei RR, Amaricai E. Assessment of jaw muscles and cervical spine muscles isometric force using a hand-held dynamometer in young adults Balneo and PRM Research Journal 2023, 14\(2\): 553](#)

[Sirbu E, Onofrei RR, Szasz S, Susan M. Predictors of disability in patients with chronic low back pain. Archives of Medical Science. 2023;19\(1\):94-100](#)

[Muntean P; Neagu M; Amaricai E; Haragus HG; Onofrei RR; Neagu A. Using A-Mode Ultrasound to Assess the Body Composition of Soccer Players: A Comparative Study of Prediction Formulas. Diagnostics 2023, 13, 690](#)

[Cevei M; Onofrei RR; Gherle A; Gug C; Stoicanescu D. Rehabilitation of Post-COVID-19 Musculoskeletal Sequelae in Geriatric Patients: A Case Series Study. Int. J. Environ. Res. Public Health 2022, 19\(22\), 15350](#)

[Stoica ET; Marcauteanu C; Tudor A; Duma VF; Amaricai EC; Onofrei R; Suci O; Negrutiu ML; Sinescu C. Influence of the Text Neck Posture on the Static Dental Occlusion. Medicina 2022, 58\(9\), 1303](#)

[Toma I; Amaricai E; Onofrei RR; Popean M. The Impact of Piano Styles on Muscle Force in Pianist Students. Symmetry 2022, 14\(9\), 1927](#)

[Sirbu E, Varga MG, Rata AL, Amaricai E, Onofrei RR. Work-related Musculoskeletal Complaints in Massage Practitioners. 2022, 72\(3\):901 – 907](#)

[Stoianov AG; Pătrașcu JM; Hogeă BG; Andor B; Mișcă LC; Florescu S; Onofrei RR; Pătrașcu JM, Jr. Dynamic Ultrasound Assessment of the Anterior Tibial Translation for Anterior Cruciate Ligament Tears Diagnostic. J. Clin. Med. 2022, 11\(8\), 2152](#)

[Barac S; Rata AL; Popescu AI; Onofrei RR; Chiriac SD. True Brachial Artery Aneurysm in Patients with Previous Arterio-Venous Fistula Ligation and Immunosuppressant Therapy for Renal Transplantation: Case Report and Literature Review. Healthcare 2022, 10\(3\), 470](#)

[Barac S; Onofrei RR; Lazureanu C; Barna R; Tutelca A; Rata AL. An In Vivo Observational Histological Study of Peripheral Arterial Damage in Patients with Acute Limb Ischemia in SARS-CoV-2 Infection. Diagnostics 2022, 12\(2\), 488](#)

[Rata AL, Barac S, Garleanu LL, Onofrei RR. Work-related Musculoskeletal Complaints in Surgeons. Healthcare, 2021; 9\(11\): 1482](#)

[Barac S, Onofrei RR, Neagoe PV, Popescu AI, Pantea S, Rata AL. An Observational Study on Patients with Acute Limb Ischemia and SARS-CoV-2 Infection: Early and Late Results in Limb Salvage Rate. Journal of Clinical Medicine, 2021; 10\(21\): 5083](#)

[Sirbu E, Onofrei RR, Hoinoiu T, Petroman R. The Short-Term Outcomes of Multiwave Locked System \(MLS\) Laser Therapy versus a Combination of Transcutaneous Nerve Stimulation and Ultrasound Treatment for Subacromial Pain Syndrome. Applies Sciences-Basel, 2021; 11\(5\):2273](#)

[Suci O, Deleanu B, Haragus H, Hoinoiu T, Tudoran C, Todor A, Gheorghitioiu A, Velimirovici N, Onofrei RR. Platelet Aggregation Inhibitors and anticoagulants Delay Surgery for Hip Fractures. Applied Sciences, 2020; 10\(23\): 8617](#)

[Miclaus R, Roman N, Caloian S, Mitoiu B, Suci O, Onofrei RR, Pavel E, Neculau A. Non-Immersive Virtual Reality for Post-Stroke Upper Extremity Rehabilitation: A Small Cohort Randomized Trial. Brain Sciences. 2020; 10\(9\):655](#)

[Catan L, Amaricai E, Onofrei RR, Popoiu CM, Iacob ER, Stanculescu CM, Cerbu S, Horhat DI, Suci O. The Impact of Overweight and Obesity on Plantar Pressure in Children and Adolescents: A Systematic Review. International Journal of Environmental Research and Public Health, 2020; 17\(18\): 6600](#)

[Suci O, Prejbeanu R, Haragus H, Faur C, Onofrei RR, Todor A. Cross-Cultural Adaptation and Validation of the Romanian Marx Activity Rating Scale for Anterior Cruciate Ligament Reconstruction. Healthcare. 2020; 8\(3\): 318](#)

[Onofrei RR, Amaricai E, Suci O, David VL, Rata AL, Hogeă E. Smartphone Use and Postural Balance in Healthy Young Adults. International Journal of Environmental Research and Public Health. 2020; 17\(9\):3307](#)

[Barac S, Jiga LP, Rata A, Sas I, Onofrei RR, Ionac M. Role of Reconstructive Microsurgery in Tubal Infertility in Young Women. Journal of Clinical Medicine. 2020; 9\(5\):1300.](#)

[Amaricai E, Onofrei RR, Suci O, Marcauteanu C, Stoica ET, Negruțiu ML, David VL, Sinescu C. Do different dental conditions influence the static plantar pressure and stabilometry in young adults? PLoS One 2020;15\(2\): e0228816](#)

[Amaricai E, Suci O, Onofrei RR, Miclăuș RS, Iacob RE, Cățan L, Popoiu CM, Cerbu S, Boia E. Respiratory function, functional capacity, and physical activity behaviours in children and adolescents with scoliosis. Journal of International Medical Research, 2019; 300060519895093](#)

[Onofrei RR, Amaricai E, Petroman R, Suci O. Relative and absolute within-session reliability of the modified Star Excursion Balance Test in healthy elite athletes. PeerJ, 2019; 7: e6999](#)

[Cevei M, Onofrei RR, Cioara F, Stoicanescu D. Correlations between the Quality of Life Domains and Clinical Variables in Sarcopenic Osteoporotic Postmenopausal Women. Journal of Clinical Medicine. 2020; 9\(2\):441](#)

[Amăricăi E, Suci O, Onofrei RR, Iacob RE, Iacob D, Popoiu CM, Negru M, Belei O, Bădițoiu L, Boia E. Static plantar pressure and functional capacity in children with femoral shaft fractures treated by titanium elastic nailing. BMC Musculoskeletal Disorders, 2019; 20, 565](#)

[Amăricăi E., Suci O., Onofrei R.R., Miclăuș RS, Cățan L, Cerbu S, Popoiu CM. Assessment of children with pectus excavatum without surgical correction. Wien Klin Wochenschr. 2019;131\(5-6\):126-131](#)

[Onofrei RR, Amaricai E, Petroman R, Surducan D, Suci O. Preseason Dynamic Balance Performance in Healthy Elite Male Soccer Players. American Journal of Men's Health, 2019; 13\(1\): 1557988319831920](#)

[Suci O, Onofrei RR, Totorean AD, Suci SC, Amaricai EC. Gait analysis and functional outcomes after twelve-week rehabilitation in patients with surgically treated ankle fractures. Gait Posture. 2016; 49: 184-189](#)

NETWORKS AND MEMBERSHIPS

Member of the Romanian Society of rehabilitation Medicine (Societatea Română de Reabilitare Medicală)

Member of the European Society of Physical and Rehabilitation Medicine (ESPRM)

Member of the European Society for Movement Analysis in Adults and Children

Member of the International Society of Physical and Rehabilitation Medicine (ISPRM)

HONOURS AND AWARDS

Articles awarded in the national competition PNCDI III, Subprogramul Resurse Umane, Premierea rezultatelor cercetării - articole PN-III-P1-1.1 (2016, 2019, 2020, 2021, 2023)

EDITORIAL ACTIVITY

[Current]

Editorial Board Member of PloS One, PeerJ, BMC Musculoskeletal Disorders, Rehabilitation Medicine

[Current]

Scientific Board Member of Timisoara Physical Education and Rehabilitation Journal

Guest editor for Applied Sciences-Basel, Frontiers in Rehabilitation Sciences, Frontiers in Sports and Active Living

JOB-RELATED SKILLS

Peer-reviewer for Clarivate Web of Science-indexed journals

Tlisoara, 02/03/2026