



# Europass Curriculum Vitae

## Personal information

First name / Surname **Mihai BERTEANU**

Telephone +4 [REDACTED]

E-mail [mihai.berteanu@umfcd.ro](mailto:mihai.berteanu@umfcd.ro); [mberteanu@gmail.com](mailto:mberteanu@gmail.com)

Nationality Romanian

Gender Male

**Occupational field** Professor of Physical and Rehabilitation Medicine at the University of Medicine and Pharmacy, "Carol Davila", Bucharest, PhD Senior Consultant, Elias University Hospital, Bucharest, Romania. UEMS PRM Board certified PRM specialist since 2005.

## Work experience

Dates 2010 – onwards

Occupation or position held Head of Medical Rehabilitation Department; Professor in Physical and Rehabilitation Medicine (PRM)

Main activities and responsibilities Clinical practice and research in PRM, Lectures and practical demonstrations for specialists in CME

Name and address of employer Elias University Hospital, 17 Marasti blvd, Bucharest

Type of business or sector Healthcare institution

Dates 2007 – 2010

Occupation or position held Medical Manager, Professor in PRM

Main activities and responsibilities Management , Lectures and other educational activities

Name and address of employer Elias University Hospital, 17 Marasti blvd, Bucharest

Type of business or sector Healthcare institution

Dates 2003 – 2007

Occupation or position held Head of Medical Rehabilitation Dept.; Lecturer

Main activities and responsibilities Clinical practice and research in PRM, educational activities  
Lectures and practical demonstrations for specialists in CME

Name and address of employer Elias University Emergency Hospital, 17 Marasti blvd, Bucharest

Type of business or sector Healthcare institution

Dates 1994 – 2003

Occupation or position held Medical Doctor, Senior Consultant in Physical & Rehabilitation Medicine, Assistant Professor

Main activities and responsibilities	Lectures and practical demonstrations for specialists in CME (Continuous Medical Education), specialists, residents and students.
Name and address of employer	University Hospital Bucharest, 169 Splaiul Independentei, Bucharest
Type of business or sector	Healthcare institution
Dates	1990 – 1994
Occupation or position held	Resident physician
Main activities and responsibilities	Medical practice in the field of PM&R
Name and address of employer	University Hospital Bucharest, 169 Splaiul Independentei, Bucharest
Type of business or sector	Healthcare institution

## Education and training

Dates	2004
Title of qualification awarded	Specialist in Biofeedback
Principal subjects/occupational skills covered	Biofeedback in Medicine
Name and type of organisation providing education and training	University Winterthur, Switzerland
Dates	2003
Title of qualification awarded	PhD <i>cum laudae</i> in neurological rehabilitation with the Thesis: "The merit of electromyographic biofeedback in regaining voluntary control of movement, improvement of muscle strength and in the treatment of spasticity"
Name and type of organisation providing education and training	University of Medicine and Pharmacy „Carol Davila”, Bucharest, Romania
Dates	December 4 2003
Principal subjects/occupational skills covered	Inflammation in some rheumatic diseases.
Name and type of organisation providing education and training	University of Medicine and Pharmacy „Carol Davila”, Bucharest, Romania
Dates	November 25 2003
Principal subjects/occupational skills covered	Quality of life of old age people with musculo – skeletal diseases
Name and type of organisation providing education and training	University of Medicine and Pharmacy „Carol Davila”, Bucharest, Romania
Dates	May 3 – 4 2001
Principal subjects/occupational skills covered	Urodynamics exploration

Name and type of organisation providing education and training Regional Centre for Functional Re-education and Re-adaptation, Angers, France.

Dates November 21 – 22 2001

Principal subjects/occupational skills covered News in electromyography

Name and type of organisation providing education and training University of Medicine „Carol Davila”, Bucharest, Romania

Dates April 28 – 30 2001

Title of qualification awarded Competence in regional anesthesia techniques

Principal occupational skills covered regional anesthesia techniques

Name and type of organisation providing education and training Regional Centre for Functional Re-education and Re-adaptation, Angers, France

Dates February 24 – 26 2000

Principal subjects/occupational skills covered Peripheral nerve blocks

Name and type of organisation providing education and training University of Medicine Innsbruck

Dates November 1998

Principal subjects/occupational skills covered News in Regional Anesthesia

Name and type of organisation providing education and training University of Medicine „Carol Davila”, Bucharest, Romania

Dates October 1998

Principal subjects/occupational skills covered Biostimulation with LASER

Name and type of organisation providing education and training University of Medicine „Carol Davila”, Bucharest, Romania

Dates May 1998

Principal subjects/occupational skills covered Methodology of Postacute Rehabilitation of Hemiplegic Patients

Name and type of organisation providing education and training University of Medicine „Carol Davila”, Bucharest, Romania

Dates January – April 1998

Principal subjects/occupational skills covered Neurological Rehabilitation

Name and type of organisation providing education and training Clinic for Neurological Rehabilitation, Klinik Berlin, Germany

Dates March 1997  
Principal subjects/occupational skills covered News in Geriatric Rehabilitation  
Name and type of organisation providing education and training University of Medicine „Carol Davila”, Bucharest, Romania

Dates January 6 -13 1997  
Principal subjects/occupational skills covered Medical Rehabilitation  
Name and type of organisation providing education and training University Clinic Saint Luc, Bruxelles, Belgium

Dates October 1993  
Principal subjects/occupational skills covered Refresher course in Homeopathy  
Name and type of organisation providing education and training University of Medicine „Carol Davila”, Bucharest, Romania – foreign lecturers

Dates October 1992  
Principal subjects/occupational skills covered Refresher course in Homeopathy  
Name and type of organisation providing education and training University of Medicine „Carol Davila”, Bucharest, Romania

Dates October 1991 – October 1992  
Title of qualification awarded Competence in Acupuncture  
Principal subjects/occupational skills covered Acupuncture  
Name and type of organisation providing education and training University of Medicine „Carol Davila”, Bucharest, Romania

Dates April 1991 – July 1992  
Title of qualification awarded Competence in Homeopathy  
Principal subjects/occupational skills covered Homeopathy  
Name and type of organisation providing education and training University of Medicine „Carol Davila”, Bucharest, Romania

Dates May 6 -11 1991  
Principal subjects/occupational skills covered Homeopathy  
Name and type of organisation providing education and training International Homeopathy League, Congress of International Homeopathy League, Koln, Germany

Dates 1981 – 1987  
 Title of qualification awarded Medical Doctor  
 Name and type of organisation providing education and training University of Medicine and Pharmacy „Carol Davila”, Bucharest, Romania

## Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment <i>European level (*)</i>	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
<b>English</b>	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user
<b>German</b>	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user
<b>French</b>	B2	B2	B1	B1	B1

(\*) Common European Framework of Reference for Languages

Social skills and competences Leadership, teamwork and communication skills. Certified Trainer (2002)  
 Organisational skills and competences Organizer of national and international congresses and other scientific events on Physical Medicine and Rehabilitation (since 1999). Course of entrepreneurship (2000). Course of Management of Health Services (2003) and course of Hospital management (2006)  
 Computer skills and competences Proficient PC user with experience in Microsoft Office programs.  
 Driving licence Owner of B class vehicles driving licence

### Invention patents:

- Invention patent no.112406: Method and Device for Vascular Massage/Drainage of Limbs. M. Berteanu issued in 31.07.1998, in BOPI no.8, 1998.
- Invention patent no.115404 B, 26.02.2000: Thermo-Therapy Device, M. Berteanu. issued in BOPI No.2/1999.
- Invention patent no. 116249: Method and Device of Hydro- Massage- Thermotherapy. M. Berteanu. Issued in BOPI 8/2000.
- Invention patent OSIM no. 116945, 20.07.2001:Automatic Device for Controlled Lower Limb Loading.M Berteanu, M Nicolescu, D Stănculescu, D Fărcaș. issued in BOPI 8/2001.
- Invention patent no. 120173 4/480, 25.08.05: Device and Method for Osteoporosis Treatment. Mihai Berteanu, Cristina Berteanu, Gilda Mologhianu, Alina Iliescu issued in BOPI no. 10/2005.
- Invention Patent no.RO 131260A2, BOPI 7/2016 - Mechatronic System for Vertical Alternative Swinging of the Pelvic Girdle-Relive
- Dispozitiv de posturare a antebrațului spastic în vederea injectării de toxină botulinică, cu numărul A01118/2018. BOPI no. 6/2020.
- Mechatronic System for Pelvic Girdle Stability and gait Movement Control for people with Neurological and Musculoskeletal Conditions – CoMControl - OSIM cu nr. A/00193/15.04.2022.

### Other original contributions:

- Coordinator of the Romanian translation of R Braddom Texbook of Physical Medicine and rehabilitation
- Coauthor and coordinator of the Romanian translation of „White Book on Physical and Rehabilitation Medicine in Europe (UEMS) (2006)
- Coordinator of the Romanian translation of WHO's „World report on disability” (2012)
- European Board certified since 2005.The Rehabilitation Medicine Department of Elias Hospital, is recognized European Training Center for Physical and Rehabilitation Medicine specialists.
- Promoter of Electromyographic Biofeedback techniques in the Rehabilitation Medicine clinical practice in Romania.

## Professional Activity

### Awards:

- Gold Medal for the invention Mechatronic System for Vertical Alternative Swinging of the Pelvic Girdle- Relive - , International Traian Vuia Inventions and Innovations Timisoara, 15-17 June 2023
- Gold Medal for the invention Mechatronic System for Pelvic Girdle Stability and Gait Movement Control for people with neurological and Musculoskeletal Conditions – CoMControl – Euroinvent, Iasi, 13 May 2023
- Gold Medal for the invention Mechatronic System for Pelvic Girdle Stability and Gait Movement Control for people with neurological and Musculoskeletal Conditions – CoMControl, International Traian Vuia Inventions and Innovations Timisoara, 15-17 June 2023
- Gold Medal for the invention entitled Mechatronic System for Pelvic Girdle Stability and Gait Movement Control for People with Neurological and Musculoskeletal Conditions – CoMControl, The 7<sup>th</sup> Annual Edition of the International Invention Innovation Competition in Canada iCAN 2022 (7.08.2022, Toronto)
- Special Award in recognition of excellent invention of Mechatronic System for Pelvic Girdle Stability and Gait Movement Control for People with Neurological and Musculoskeletal Conditions – CoMControl, The 7<sup>th</sup> Annual Edition of the International Invention Innovation Competition in Canada iCAN 2022 (7.08.2022, Toronto)
- Gold Medal for the invention Mechatronic system for Vertical Alternative Swinging of the Pelvic Girdle, The 4<sup>th</sup> International Invention Innovation Competition in Canada, iCAN 2019, TISIAS. 24<sup>th</sup> Aug 2019.
- Gold Medal for the invention “Botulinum Toxin Guided Injection Device for Spasticity Treatment”, M Berceanu, L Seiciu, V Barbu, The 4<sup>th</sup> International Invention Innovation Competition in Canada, iCAN 2019, TISIAS. 24<sup>th</sup> Aug 2019.
- Medalia de Aur și Diploma pentru invenția “Mechatronic System for Vertical Alternative Swinging of the Pelvic Girdle” - “10<sup>th</sup> European Exhibition of Creativity and Innovation “EUROINVENT”, Iasi – Romania, 16.05.2019 – 18.05.2019
- Medalia de Argint și Diploma pentru invenția “Botulinum Toxin Guided Injection Device for Spasticity Treatment - “10<sup>th</sup> European Exhibition of Creativity and Innovation “EUROINVENT”, Iasi – Romania, 16.05.2019 – 18.05.2019.
- Gold Medal for the invention “Botulinum Toxin Guided Injection Device for Spasticity Treatment”, L Seiciu, M Berceanu, V Barbu, IWIS 17 Oct 2018 Warsaw, Poland
- Excellence Award of Global Exhibitions – Toronto International Society of Innovation and Advanced Skills, for the the invention “Botulinum Toxin Guided Injection Device for Spasticity Treatment”, L Seiciu, M Berceanu, V Barbu, IWIS 17 Oct 2018 Warsaw, Poland
- “Best Paper Award” of the International Academy, Research, and Industry Association, for the paper “Using Adaptive Immersive Environments to Stimulate Emotional Expression and Connection in Dementia Care: Insights from User Perspectives Towards SENSE-GARDEN”, by Gemma Goodall, Ileana Ciobanu, et al, Mihai Berceanu, Artur Serrano, presented during HUSO 2018, The Fourth International Conference on Human and Social Analytics, held in Venice, Italy during June 24 - 28, 2018.
- Diploma of the Federation Francaise des Inventeurs, for the invention: „Mechatronic System of Vertical Alternating Oscillation of Pelvic Belt”, Salon International des Inventions, Geneve 2018.
- Gold medal Inventica 2018 for Mechatronic system for vertical alternative swinging of the pelvic girdle, Iasi 27-29.06.2018
- Special Prize- Univ Lucian Blaga Sibiu, Inventica 2018, for Mechatronic system for vertical alternative swinging of the pelvic girdle, Iasi 27-29.06.2018
- Silver Medal for the invention: „Mechatronic System of Vertical Alternating Oscillation of Pelvic Belt”, Salon International des Inventions, Geneve 2018.
- Gold Medal for the invention: „Mechatronic System of Vertical Alternating Oscillation of Pelvic Belt”, 12 october 2016, International Warsaw Invention Show IWIS 2016.
- “Iuliu Hatieganu” Award, conferred on December 15, 2011, by The Romanian Academy for “Tratat de reabilitare pulmonara”, sub redacția Tudorache VM, Ed. Mirton Timișoara 2009
- The Diploma of “Ambient Assisted Living J.P. Award finalist” conferred in 2011 by the AAL Forum 2011, for the Project Is-Active.
- The Order of “Meritul Sanitar in grad de cavalier”, conferred by the Romanian Government, 2010.

### Member in professional and scientific societies:

- Corresponding Member of Romanian Academy of Medical Sciences (2017 – ongoing)
- Member of Romanian Society of Rehabilitation Medicine (1990 - ongoing)
- Member of International Society of Physical and Rehabilitation Medicine (2000- ongoing)
- President of the Romanian Society of Physical Medicine and Rehabilitation (2008-2013, 2021-ongoing)
- General Secretary of the Romanian Society of Physical Medicine and Rehabilitation (1998-2008)
- National Representative of Physical Medicine and Rehabilitation at UEMS (2002 – ongoing)
- Chairman of Professional Practice Committee of UEMS-PRM (2011-2014)
- Board member of the International Society of Physical and Rehabilitation Medicine (ISPRM) (2000-2012)
- Board member of World Federation of Neurological Rehabilitation (WFNR) (1996-2008)
- National delegate of NAN „Bone and Joint Decade” / Global Alliance for Musculoskeletal Health (2007- ongoing)
- European Journal of PRM – member of Editorial Board (2005-2014)
- Romanian Journal of Physical and Rehabilitation Medicine – member of Editorial Board (1998-2010)

## Professional Activity Completed Financed Projects:

- Erasmus+ EAC/A03/2018. PAIR – “Physical Activity after knee or hip Replacement”. (01.01.2020-31.12.2022). Contract 613008-EPP-1-2019-1-IT-SPO-SCP, Prot.N 368/24.07.2020 Partner Director.
- AAL “CoachMyLife”, (AAL-CP-2018-5-120-CoachMyLife-2), (2019-2021). Contract 81 din 01/07/2019. Partner Director.
- PN-III-CERC-CO-PTE-2-2019 “Sistem mecatronic pentru controlul centrului de masă la persoanele cu dizabilități locomotorii – CoMControl. (1.06.2020-30.04.2022), Contract 17PTE/2020.Partner Director.
- COST Action CA16116 – “Wearable Robots for Augmentation, Assistance or Substitution of Human Functions” (2017-2021) – MC Member.
- AAL “SENSE-GARDEN Home” aal-2020 (2021), AAL-SCP-2020-7-270-SGH-1, Contract 230 from 01/03/2021
- AAL “Virtual and memory adaptable spaces creating stimuli for the senses in ageing people with dementia SENSE-GARDEN”, (AAL2017-AAL-2016-054-SENSE-GARDEN-1), 51/14.06.2017 (2017-2020), Partner Project Director.
- Soluții - 2020 – 2 - “Dezvoltarea de tehnologii și sisteme de diagnostic local și la distanță eficiente al infectării cu virusul SARS-CoV-2”. PN-III-P2-2.1-SOL-2020-2-0360. Partner Project Director.
- “Device for spastic forearm posture for botulinum toxin injection”. PN-III-P2-2.1-CI-2018, ctr 196CI/2018 (2018-2019)
- „Computer Assisted and Information Feedback Training for Human Spaceflight Support” – STARWALKER. Coordinator: Institute of Space Science; INFLPR-ISS (2013 - 2018) – Scientific Consultant
- „Harmonic Mechanical Vibrations Mechatronic System for Muscle Force and Resistance Improving and Bone Mineral Density Increasing Effect” – B&M-Vibe. PNCDI III-P2-2.1-BG (2016-2018) – Partner Project Director. <http://www.omtr.pub.ro/cesit/granturi/B&M-Vibe/ro/parteneri.html>
- “3-D Mechatronic Reality System for Rehabilitation Learning in Real and Virtual Integrated Environments” –RELIVE, PNII. (2012 – 2016)Contract nr. 190/2012, <http://www.omtr.pub.ro/cesit/granturi/RELIVE/parteneri.html>
- Cost Office TransDomain Action TD1006 – „European Network for NeuroRehabilitation” (2011 – 2015)
- “Advanced Rehabilitation Technology” – MSC ART– European Master (Erasmus) (2011 – 2014)
- „Inertial Sensing Systems for Advanced Chronic Condition Monitoring and Risk Prevention”. IS-ACTIVE. Partnership in Ambient Assisted Living Priority Domains. External link: <http://www.is-active.eu/category/consortium/> / 2009-2012
- „Integrated System for Characterization, Monitoring, and Assisted Training of Human Locomotion. CAMONAL”. PNCD II – Capacitati.Contract nr. 82089/01.10.2008 External link: <http://www.camonal.sportscience.ro>
- Research of Mechatronic Systems for Gait Movement Simulation in Rehabilitation of Locomotor Handicap Patients. SIMESIM, CEEX No. 79/2006-VIASAN, <http://www.omtr.pub.ro/cesit/granturi/simesim/>
- Contribution to Postural Stability Assessment and to Dynamic Balance in Neurological Dysfunctions, Normality or Human Performance.CNCSIS Nr. 899
- Non-conventional diagnosis equipment – IRTEST”). Beneficiary: AMCSIT-MEdC.IRTEST. National Program RELANSIN no. 1756/2003 (no. 18-04-01/UPB)
- Thermovision Day/Night Observational Unit Without Cooling System. COMBITERM. Beneficiary: AMCSIT-MedC. National Program RELANSIN nr. 1775/2003 (nr. 18-04-02/UPB).
- Respiratory Rehabilitation Network for Patients with Chronic Obstructive Pulmonary Disease. REABILUM. PNCD II – Capacities
- EUROP\_RO Technological Platform –National Synergic Framework for Promotion of Romanian Participation, Research and Industry in PC7 and for Development of European Partnership in Robotics. EUROP\_RO. CEEX-Module IV
- Pilot Center for Neuromotor Rehabilitation. Application in patients with nutritional disorders. VIASAN

## Completed Financed Research Studies:

- E-REFOR 18D Observational non-Interventional Study (15.01-15.09.2018).
- Acute pain episodes of knee and/or hip osteoarthritis – Phase IV.
- Impact of bone- marker feed-back on adherence in the treatment of patients with postmenopausal osteoporosis, Phase III.
- Local tolerability for cutaneous spray solution – Phase IV.
- Pain in knee arthrosis , Phase III.
- Epidemiological Study of Postmenopausal Osteoporosis Prevalence. PREVOSS, Nr. Protocol: ICE 12 911 62 ROM.
- Multi - National Epidemiology Survey in Osteoporosis – MESOP, Nr, 1507/30 05. 2005 Academia de Stiinte Medicale.
- Correlations between Dynamics of Inflammatory and Biochemical Parameters and Stroke Rehabilitation. “Carol Davila” Medicine University, Bucharest.2010.
- Randomized, Controlled, Parallel, Prospective Trial to Evaluate the Effect of Secondary Prophylaxis With rFVIII Therapy in Severe Hemophilia A Adult Subjects Compared to That of Episodic Treatment. (SPINART). External link: <http://clinicaltrials.gov/show/NCT00623480>
- Observational Study to Evaluate the Implantation Procedure of the ActiGait Dropfoot Stimulator System(ActiGait) External link: <http://www.southampton.ac.uk/healthsciences/research/projects/MLC/ActiGait/index.html>

## Ongoing Projects:

- AAL “Smart Intervention for Senior Isolation - SI4SI” aal-2020, (AAL-CP-2020-7-108-SI4SI-1) (2021-2023) Contract 236 din 01/04/2021. Partner Director
- AAL “AGAPE” “Active aGeing And Personalised service’s Ecosystem “(AAL-CP-2021-8-124-AGAPE). Partner Director
- Horizon Project ETHEREAL – Project: 101095568 — ETHEREAL — HORIZON-HLTH-2022-DISEASE-07 (01.01.2023-31.12.2025) Partner Director

## Books:

- **“Sistem mecatronic pentru reabilitarea mersului”**. I. Ciobanu, M Berteanu, PL Seiciu. Bucuresti: Politehnică Press, 2021 ISBN: 978-606-515-973-0
- **“Kinetologie”** Tudor Sbenghe, Mihai Berteanu, Simona Elena Savulescu, - Edit. Medicală, București, 2019, ISBN: 973-39-0864-7.
- **“The Field of Competence of the Physical and Rehabilitation Medicine physicians” PART ONE**. European Union of Medical Specialists (UEMS). Section of Physical and Rehabilitation Medicine - Professional Practice Committee. Ed. by Nicolas Christodoulou Alain Delarque Enrique Varela Donoso. Ed. 2014, ISBN: 978-9963-2061-2-4
- **Principii de reabilitare medicală la pacientul critic**. Mihai Berteanu, Luminita Dumitru, Alina Iliescu, Cristina Berteanu. Capitol in **Recomandări și Protocoale în Anestezie, Terapie Intensivă și Medicină de Urgență**, Sub Redacția: Săndesc D., Bedreag O., Păpurică M., Ed. Mirton, Timișoara, 2009, pag. 787-795
- **Fiziokinetoterapia în afecțiunile respiratorii**. Berteanu M, Iliescu A, Dumitru L. Chapter in: **Tratat de Reabilitare Pulmonară**, sub redacția Tudorache VM, Ed. Mirton Timișoara 2009, p. 189-208. **ISBN: 978-973-52-0574-4**
- **Elemente de anatomie pulmonară funcțională**. Berteanu M, Iliescu A, Dumitru L, Berteanu C. Chapter in: **Tratat de Reabilitare Pulmonară**, sub redacția Tudorache VM, Ed. Mirton Timișoara 2009, p 47-57. **ISBN: 978-973-52-0574-4**
- **Bolile neuromusculare și deformările toracice**. Berteanu M, Dumitru L, Iliescu A, Berteanu C. Chapter in: **Tratat de Reabilitare Pulmonară**, sub redacția Tudorache VM, Ed. Mirton Timișoara 2009, p. 330-245. **ISBN: 978-973-52-0574-4**
- **Definiții. Concepte. Standarde**. Berteanu M, Dumitru L, Iliescu A. Chapter in: **Tratat de Reabilitare Pulmonară**, subredacția Tudorache VM, Ed. Mirton Timișoara 2009, p.4-13. **ISBN: 978-973-52-0574-4**
- **Cartea Alba a specialității de medicina fizică și de reabilitare în Europa**. (traducerea în limba română). Berteanu M. (coautor) *Editori: Gutenbrunner C, Ward A, Chamberlain MA. Ed. Universitară „Carol Davila” București 2006. ISBN 13: 978-973-708-025-7*
- **Biofeedback-ul electromiografic - baze neurofiziopatologice și aplicația în recuperarea medicală**. Berteanu M. *Ed. Universitară „Carol Davila” 2006. ISBN 13: 978-973-708-148-3*
- **Recuperarea Medicală - Probleme majore - curs pentru studenți medicina generală**. Berteanu M. *Ed. Universitară „Carol Davila” București 2006. ISBN 13: 978-973-708-026-4.*
- **Traumatismele abdominale**. Berteanu C, Roiu C, Berteanu M. . In **Managementul bolnavului critic**. *Editori: Mircea Chiorean, Sanda-Maria Copotou, Leonard Azamfirei. Ed. University Press-Targu Mures, Vol.3, p 519-571. ISBN 973-7788-84-2.*
- **Electromyography in Rheumatology**. Berteanu M. In **Textbook of Physiotherapy**. *Sub Red. L Pop. Ed Med Univ. „Iuliu Hatieganu” Cluj, 2006, p129-133. ISBN 973-693-153-6.*
- **Biofeedback**. M Berteanu. In **Textbook of Physiotherapy**. *Sub Red. L Pop. Ed Med Univ. „Iuliu Hatieganu” Cluj, 2006, p121-125. ISBN 973-693-153-6.*
- **Leziunile de nervi periferici și investigația EMG în afecțiunile ortopedico-traumatice**. Berteanu M. cap. III.32. In **Patologia Aparatului Locomotor**. *Sub red. Dinu Antonescu. Tratat, vol. 1. ed. Medicală. 2006. pag 755-763. ISBN 973-39-0559-3*
- **Semiologie Ortopedica**. *Coordonator: M. Nicolescu, autori: R. Radulescu, M. Berteanu (autor unic 1 capitol), L. Ojoga, Florina Ojoga, C. Huszar, Indra Mihaita, C. Carstoiu. Edit Univ Carol Davila 2003 ISBN 973664054X, 9789736640544*
- **Tratamentul ortopedico-chirurgical și kinetoterapia în afecțiunile aparatului locomotor**. Berteanu M (autor unic 1 capitol) . *Ed. Alma Mater. Bacău 2000.*
- **Metode paraclinice de evaluare a pacientului cu alungire de membre inferioare**. Berteanu M. In **Tratamentul inegalităților membrelor inferioare**. M. Nicolescu, G. Dinu, M. Berteanu, L. Ojoga, *Ed. Curtea Veche, 1999. p169-180.*
- **Efectele întinderii asupra tesuturilor în alungirile membrelor inferioare**. Berteanu M. In **Tratamentul inegalităților membrelor inferioare**. M. Nicolescu, G. Dinu, M. Berteanu, L. Ojoga. *Ed. Curtea Veche, 1999. p67-75.*
- **Electromiografia în studiul și evaluarea aparatului musculo-scheletic**. Berteanu M. **Bazele teoretice și practice ale kinetoterapiei**. Tudor Sbenghe. *Ed. Medicală 1999. ISBN 973-39-0377-9*



## Relevant articles in ISI fulltext: international publications

- Zampolini M, Selb M, Boldrini P, Branco CA, Golyk V, Hu X, Kiekens C, Negrini S, Nulle A, Oral A, Sgantzios M, Shmonin A, Tregler I, Stucki G; UEMS-PRM Section and Board – M Berceanu. The Individual Rehabilitation Project as the core of person-centered rehabilitation: the Physical and Rehabilitation Medicine Section and Board of the European Union of Medical Specialists Framework for Rehabilitation in Europe. *Eur J Phys Rehabil Med.* 2022 Aug;58(4):503-510. doi: 10.23736/S1973-9087.22.07402-0. Epub 2022 Feb 11. PMID: 35148044, IF=5.313.)
- Neurorehabilitation Using Virtual Reality For Post-Stroke Patients: Medical Utility And Ethical Aspects. I. Ciobanu, M. N. Popescu, M. Berceanu, M. G. Barbu, D. C. Thompson, M. G. Iliescu, C. Beiu, C. I. Enachescu. *Rom J Leg Med*30(3)171-179(2022). DOI:10.4323/rjlm.2022.171. (IF=0,164).
- Case Series of an ICT-Based Multimodal Intervention Program for People with Major Neurocognitive Disorders: The SENSE-GARDEN Project. Ciobanu I, Draghici R, Marin AG, Zamfir M-V, Iliescu A, Berceanu M (2022). *J Gerontol Geriatr Med* 8: 137.DOI:10.24966/GGM-8662/100137 (IF = 1,5)
- Being active with a total hip or knee prosthesis: a systematic review into physical activity and sports recommendations and interventions to improve physical activity behavior. Yvet Mooiweer, Martin Stevens, Inge van den Akker-Scheek and PAIR study group PAIR study group: Giuseppe Barone, Francesco Benvenuti, MihaiBerceanu,Laura Bragonzoni, Ileana Ciobanu, Dante Dallari, Ani Dimitrova, Ivo Dimitrov, Jorunn L Helbostad, Alina Iliescu, Pasqualino Maietta Latessa, Andreea Marin, Alessandro Mazzotta, Ann-Katrin Stensdotter, Odd M Hals, Håvard Østerås, Cristiano Paggetti, Erika Pinelli, Nataliya Shalamanova, Romyana Shalamanova, Claudio Stefanelli, Matei Teodorescu, Nikolay Todorov, Nikolay Toselli, Maya Tsvetanova, Monica Unsgaard-Tøndel, Lora Yoncheva, Raffaele Zinno. *European Review of Aging and Physical Activity* (2022) 19:7. 16 pgs. <https://doi.org/10.1186/s11556-022-00285-1> (IF = 2,517)
- The Role Of Natural Biotherapeutic Factors In Pain And Functional Management Of Knee Osteoarthritis. Madalina Gabriela Iliescu, Elena-Valentina Ionescu, Irina Tica, Marius-Dragos Prazaru, Florina Ligia Popa, Marius Nicolae Popescu, Mihai Berceanu, Laszlo Irsay, Viorela Mihaela Ciortea, Felix Voinea, Bogdan Obada, Lucian Petcu, Andra Iulia Suceveanu. *FARMACIA*, 2022, Vol. 70, 1. Pg 65-69. <https://doi.org/10.31925/farmacia.2022.1.10> (IF = 1,433)
- Mihai EE, Popescu MN, Iliescu AN, Berceanu M. A systematic review on extracorporeal shock wave therapy and botulinum toxin for spasticity treatment: a comparison on efficacy. *Eur J Phys Rehabil Med.* 2022 Aug;58(4):565-574. doi: 10.23736/S1973-9087.22.07136-2. Epub 2022 Apr 12. PMID: 35412036; PMCID: PMC9980509.( Impact Factor 5.313)
- Mihai Emanuela Elena, Mihai Ilie Valentin, Berceanu M. Effectiveness of Radial Extracorporeal ShockWave Therapy and Visual Feedback Balance Training on Lower Limb Post-Stroke Spasticity, Trunk Performance, and Balance: A Randomized Controlled Trial. *J. Clin. Med.* 2022, 11, 147. <https://doi.org/10.3390/jcm11010147> (IF = 4,242)
- Mooiweer Y, van den Akker-Scheek I, Stevens M, On behalf of the PAIR study group (2021) Amount and type of physical activity and sports from one year forward after hip or knee arthroplasty—A systematic review. *PLoS ONE* 16(12): e0261784. <https://doi.org/10.1371/journal.pone.0261784> (IF = 3,24)
- Barone, G., Zinno, R., Pinelli, E., Pair Study Group (including Berceanu Mihai, Ciobanu Ileana, Iliescu Alina), Benvenuti, F., & Bragonzoni, L. (2021). Evaluation of the Efficacy and Safety of an Exercise Program for Persons with Total Hip or Total Knee Replacement: Study Protocol for a Randomized Controlled Trial. *International journal of environmental research and public health*, 18(13), 6732. <https://doi.org/10.3390/ijerph18136732> (IF = 3,390)
- Mihai E E, Popescu M N, Beiu C, Gheorghe Luca, Berceanu Mihai. (November 02, 2021) Tele-Rehabilitation Strategies for a Patient With Post-stroke Spasticity: A Powerful Tool Amid the COVID-19 Pandemic. *Cureus* 13(11): e19201. doi:10.7759/cureus.19201 (IF = 1,15)
- Marius Nicolae Popescu, Mădălina Gabriela Iliescu, Cristina Beiu, Liliana Gabriela Popa, Mara Mădălina Mihai, Mihai Berceanu, Anca Mirela Ionescu, "Autologous Platelet-Rich Plasma Efficacy in the Field of Regenerative Medicine: Product and Quality Control", *BioMed Research International*, vol. 2021, Article ID 4672959, 6 pages, 2021. <https://doi.org/10.1155/2021/4672959>
- Savulescu SE, Berceanu M, Filipescu I, Beiu C, Mihai MM, Popa LG, Popescu SI, Balescu I, Bacalbasa N, Popescu MN. Repetitive Peripheral Magnetic Stimulation (rPMS) in Subjects with Lumbar Radiculopathy: An Electromyography-guided Prospective, Randomized Study. *In Vivo.* 2021 Jan-Feb;35(1):623-627. <http://iv.iiarjournals.org/content/35/1/623> Impact factor (2019): 1.541
- Mihai EE, Dumitru L, Mihai IV, Berceanu M. Long-Term Efficacy of Extracorporeal Shock Wave Therapy on Lower Limb Post-Stroke Spasticity: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. *J Clin Med.* 2020 Dec 29;10(1):86. doi: 10.3390/jcm10010086. PMID: 33383655; PMCID: PMC7795167. IF 3,303
- Avram, Rodica Lucia; Nechita, Alexandru Cristian; Popescu, Marius Nicolae; Teodorescu, Matei; Ghilencea, Liviu Nicolae; Turcu, Diana; Berceanu, Mihai. EFFECTS OF NEUROMUSCULAR ELECTRICAL STIMULATION IN PATIENTS WITH ACUTE HEART FAILURE – RESULTS OF A SINGLE-CENTER RANDOMIZED TRIAL, *Journal of Science and Arts* Year 20, No. 2(51), pp. 491-500, 2020. (No IF) [http://www.josa.ro/docs/josa\\_2020\\_2/c\\_01\\_Avram\\_491-500\\_10p.pdf](http://www.josa.ro/docs/josa_2020_2/c_01_Avram_491-500_10p.pdf)
- "The influence of natural saline solutions on dihydrate copper chloride crystallization". Cimpean C, Berceanu M. *Rev. Chim.[internet].* 2020 Feb;71(2):110-114. (IF = 1,755). Available from: <https://doi.org/10.37358/RC.20.2.7901>
- "The Impact of COVID-19 Pandemic on Long-Term Care Facilities Worldwide: An Overview on International Issues". Dana-Claudia Thompson, Madalina-Gabriela Barbu, Cristina Beiu, Liliana Gabriela Popa, Mara Madalina Mihai, Mihai Berceanu, Marius Nicolae Popescu, *BioMed Research International*, vol. 2020, Article ID 8870249, 7 p, 2020. <https://doi.org/10.1155/2020/8870249> (IF = 3,246)
- "Development of an electronic assistive walking Device". Reynders-Frederix C, Reynders-Frederix P, Innocenti B, Berceanu M. *Rom Biotechnol Lett.* 2020; 25(5): 1992-1997. doi: 10.25083/rbl/25.5/1992.1997 (IF=0,412)
- "The Use of Virtual and Immersive Technology in Creating Personalized Multisensory Spaces for People Living With Dementia (SENSE-GARDEN): Protocol for a Multisite Before-After Trial". Goodall G, Ciobanu I, Taraldsen K, Sørgaard J, Marin A, Drăghici R, Zamfir MV, Berceanu M, Maetzler W, Serrano JA. *JMIR Res Protoc* (No IF) 2019;8(9):e14096. DOI: 10.2196/1409.
- "Reconnecting with Past and Present: Personalizing Sensory Stimulated Reminiscence Through Immersive Technologies – Developing a Multidisciplinary Perspective on the SENSE-GARDEN Room". Sørgaard, Jon; Berceanu, Mihai; Serrano, Artur. (2018), Proceedings of the 4th International Conference on Information and Communication Technologies for Ageing Well and e-Health Volume 1: ICT4AWE. 234-240, 2018, Funchal, Madeira, Portugal. Paper no 47. ISBN: 978-989-758-299-8
- "Advanced technology for gait rehabilitation: An overview". Tadeusz Mikolajczyk, Ileana Ciobanu, Doina Ioana Badea, Alina Iliescu, Sara Pizzamiglio, Thomas Schauer, Thomas Seel, Petre Lucian Seiciu, Duncan L Turner, and Mihai Berceanu, *Advances in Mechanical Engineering*, <https://doi.org/10.1177/1687814018783627>, (IF = 1,623) First Published July 29, 2018

- „Technologically-advanced assessment of upper-limb spasticity: a pilot study”. F Posteraro, S Crea, S Mazzoleni, M Berceanu, I Ciobanu, N Vitello, M Cempini, S Gervasio, N Mrachacz-Kersting. *Eu J of Phys Rehab Med.* 2017 Sep 04. DOI: 10.23736/S1973-9087.17.04815-8. (IF = 2,874)
- „Short-term Administration of Alfacalcidol is Associated with More Significant Improvement of Muscular Performance in Women with Vitamin D Deficiency Compared to Native Vitamin D”. Capatina, C (Capatina, C.); Carageorghopol, A (Carageorghopol, A.); Berceanu, M (Berceanu, M.); Poiana, C (Poiana, C.). *EXPERIMENTAL AND CLINICAL ENDOCRINOLOGY & DIABETES* Volume: 124 Issue: 8 Pages: 461-465 DOI: 10.1055/s-0042-103932 Published: SEP 2016
- „Association between low bone mineral density, metabolic syndrome and sex steroids deficiency in men.” F.L.Popa, M. Stanciu, A. Banciu, M. Berceanu. *Acta Endocrinologica*, vol. XII, no.4, p.418-422, 2016.
- „Hip Vertical Movement Mechatronic System for Gait Rehabilitation”. Seiciu P.L., Popescu A.M., Ciobanu I., Iliescu A.N., Berceanu M. *Proceedings of the Romanian Academy, Series A, Volume 17, Number 3/2016*, pp. 253–258
- „Decreased serum levels of sex steroids associated with osteoporosis in a group of Romanian male patients”. Florina Ligia Popa, Mihaela Stanciu, Adrian Bighea, Mihai Berceanu, Ioan Gheorghe Totoianu, Maria Rotaru. *Revista Română de Medicină de Laborator* Vol. 24, Nr. 1, Martie, 2016. Pag.75-82
- „Vitamin D Deficiency and Musculoskeletal Function in the Elderly”. Cristina Căpățână, Mara Carsote, Catalina Poiana, Mihai Berceanu. *Strength and Conditioning Journal*, 2015, Vol. 37, Nr. 1, 24 – 29.
- „Multiple repetitive fragility fractures in young patients - differentiation between osteogenesis imperfecta, osteomalacia (secondary to vitamin D deficiency) and domestic abuse”. C Capatina, M carsote, C Capatina, C Poiana, M Berceanu. *Rom J Leg Med* 22(4)217-220 (2014)
- „Position paper on PRM and persons with long term disabilities”. P. Takac, J Petrovicova, K. Stibrant Sunnerhagen, V. Neumann, A. Vetra, M. Berceanu, N. Christodoulou. *Eur J Phys Rehabil Med* 2014;50:453-64.
- „UEMS – Position Paper. New Technologies designed to improve functioning: the role of the physical and rehabilitation medicine physician.” A. Giustini, E. Varela, M. Franceschini, J. Votava, M. Zampolini, M. Berceanu, N. Christodoulou. *Eur J Phys Rehabil Med* 2014;50:579-83.
- „Eight papers from UEMS-PRM Section Professional Practice Committee”. N. Christodoulou, M. Zampolini, M. Berceanu, S. Negrini. *Eur J Phys Rehabil Med* 2013;49:533-4.
- „Generalised and regional soft tissue pain syndromes. The role of Physical and Rehabilitation Medicine Physicians. The European perspective based on the best evidence”. A paper by the UEMS-PRM Section Professional Practice Committee. A.Oral, E.M. Ilieva, A.A. Kucukdeveci, E. Varela, R. Valero, M. Berceanu, N.Christodoulou. *Eur J Phys Rehabil Med* 2013;49:535-49.
- „Inflammatory arthritis. The role of Physical and Rehabilitation Medicine Physicians. The European perspective based on the best evidence”. A paper by the UEMS-PRM Section Professional Practice Committee. R. Valero, A.Oral, E.M. Ilieva, A.A. Kucukdeveci, E. Varela, M. Berceanu, N.Christodoulou. *Eur J Phys Rehabil Med* 2013;49:715-25.
- „Local soft tissue musculoskeletal disorders and injuries. The role of Physical and Rehabilitation Medicine Physicians. The European perspective based on the best evidence”. A paper by the UEMS-PRM Section Professional Practice Committee. R. Valero, A.Oral, E.M. Ilieva, A.A. Kucukdeveci, E. Varela, M. Berceanu, N.Christodoulou. *Eur J Phys Rehabil Med* 2013;49:727-42.
- „Shoulder pain management”. The role of Physical and Rehabilitation Medicine Physicians. The European perspective based on the best evidence”. A paper by the UEMS-PRM Section Professional Practice Committee. R. Valero, A.Oral, E.M. Ilieva, A.A. Kucukdeveci, E. Varela, M. Berceanu, N.Christodoulou. *Eur J Phys Rehabil Med* 2013;49:715-25.
- „Musculoskeletal perioperative problems. The role of Physical and Rehabilitation Medicine Physicians. The European perspective based on the best evidence”. A paper by the UEMS-PRM Section Professional Practice Committee. E. Varela, R. Valero, A.Oral, E.M. Ilieva, A.A. Kucukdeveci, M. Berceanu, N.Christodoulou. *Eur J Phys Rehabil Med* 2013;49:753-9.
- „Effect of the nutritional supplement ALAnerv® on the serum PON1 activity in post-acute stroke patients.” Bogdan N. Manolescu, Mihai Berceanu, Delia Cintează. *Pharmacological Reports.* 2013, 65, 743-750. (ISI fulltext)
- „The effect of the ALAnerv nutritional supplement on some oxidative stress markers in postacute stroke patients undergoing rehabilitation.” Eliza Oprea, Mihai Berceanu, Delia Cintează, Bogdan Nicolae Manolescu. *Applied Physiology, Nutrition, and Metabolism*, 2013, 38(999): 613-620 (ISI fulltext)
- „Role of the physical and rehabilitation medicine specialist regarding children and adolescents with acquired brain injury”. E. Varela-Donoso, H. Damjan, S. Munoz-Lasa, R. Valero-Alcaide, V. Neumann, M. Chevignard, M. Berceanu, C. Nicolas. *Eur J Phys Rehabil Med.* 2013 (ISI article)Apr;49(2):213-21. Epub 2013 Apr 5. (Impact Factor of 2,06)
- „A Position Paper on Physical and Rehabilitation Medicine Programmes in Post-Acute Settings. Special Report”. Anthony B. Ward, Christoph Gutenbrunner, Alessandro Giustini, Alain Delarque, Veronika Fialka-Moser, Carlote Kiekens, Mihai Berceanu, Nicolas Christodoulou. *J Rehabil Med* 2012; 44: 289-298. (ISI article)
- „Using the International Classification of Functioning, Disability and Health in assessing moral damages”. Andrei Nanu, Diana Georgescu, Diana Bulgaru, Mihai Berceanu, Crina Radulescu. *Rom J Leg Med* [20] 77-82 [2012], DOI: 10.4323/rjlm.2012.77 (ISI article)
- „Dynamic of oxidative and nitrosative stress markers during the convalescent period of stroke patients undergoing rehabilitation”. Bogdan Manolescu, Mihai Berceanu, Eliza Oprea, N. Chiriac, Luminita Dumitru, Suzana Vladoiu, Oana Popa, Olga Ianas, *Annals of Clinical Biochemistry*, in press, 2011, Vol 48, pg 338-343 DOI:10.1258/acb.2011.010243 Part 4, iul 2011
- „Homocysteine and vitamin therapy in stroke prevention and treatment: a review”. Bogdan N. Manolescu, Eliza Oprea, Ileana C. Farcasanu, Mihai Berceanu, Cornelia Cercasov. *Acta Biochimica Polonica*, Vol. 57, No. 4/2010, 467–477 (ISI Review)
- „Dynamics of inflammatory markers in post acute stroke patients undergoing rehabilitation”. Bogdan Manolescu, Mihai Berceanu, Luminita Dumitru, Horatiu Dinu, Alina Iliescu, Ileana Cornelia Farcasanu, Eliza Oprea, Suzana Vladoiu, Oana Popa, Olga Ianas., *Inflammation*, DOI: 10.1007/s10753-010-9262-8, 2010 (ISI fulltext)
- „Fatty acids based biological membrane simple models”. M.Ghelmez(Dumitru), M.Berceanu, B.Dumitru. (8th Intl Balkan Workshop on Applied Physics, July 5-8, 2007, Constanta, Romania). *Journal of Optoelectronics and Advanced Materials (JOAM)*, Vol.10, Issue 3, pag. 707-712, 2008. ISSN:1544-4164
- „White Book on Physical and Rehabilitation Medicine in Europe”, The Section of Physical and Rehabilitation Medicine, Union Europeene des Medecins Specialistes (UEMS), *J Rehabil Med* 2007; 39: 1-48. DOI: 10.2340/16501977-0028. Suppl No. 45. Contributors: Andre Bardot, Michel Barat, Laurent Bensoussan, Mihai Berceanu, Pedro Cantista, M Anne Chamberlain, Nicolas Christodoulou, Alarcos Cieza, Alain Delarque, Jean Pierre Didier, Veronika Fialka-Moser, Franco Franchignoni, Alessandro Giustini, Christoph Gutenbrunner, Gustaaf Lankhorst, Lindsay McLellan, Fernando Parada, Joao Pascoa Pimheiro, Michael Quittan, Bengt Sjolund, Henk Stam, Gerold Stucki, Guy Vanderstraeten, Anthony B Ward, Jiri Votava, Jean-Michel Viton. (ISI fulltext)

- „Chronic Pain Management in the Elderly.” M.Berteanu, C.Berteanu, I.Onac. Europa Medicophysica, Vol. 42, suppl. 1 to issue no. 3, 2006: 21-23, ISSN 0014-2573 (Index Medicus/MEDLINE, Excerpta Medica/EMBASE, CINHALL, ISI fulltext)
- „Rationale of Epidural Steroids in Pain Management”. M.Berteanu, C.Berteanu, D.Ionescu, L.Azamfirei. Europa Medicophysica, Vol. 42, suppl. 1 to issue no. 3, 2006: 140-142, ISSN 0014-2573 (Index Medicus/MEDLINE, Excerpta Medica/EMBASE, CINHALL, ISI fulltext)
- „What’s New in CRPS and its Management?” C.Berteanu, M.Berteanu, C.Cirstoiu, M.Cirstoiu. Europa Medicophysica, Vol. 42, suppl. 1 to issue no. 3, 2006: 142-144, ISSN 0014-2573 (Index Medicus/MEDLINE, Excerpta Medica/EMBASE, CINHALL, ISI fulltext)
- „ICF Core Sets for Chronic Ischemic Heart Disease”. A Cieza, A Stucki, S Geyh, M Berteanu, M Quittan, A Simon, N Konstanjsek, G Stucki, N Walsh. J Rehabil Med 2004; Suppl. 44: 94-99. ISSN 1650-1969
- „Non-Velocity related effects of a rigid double-stopped ankle-foot orthosis on gait and lower limb muscle activity of hemiparetic subjects with an equinovarius deformity”. S. Hesse, M. Berteanu et Al. Stroke, 1999;30:1855-1861

#### ISI proceedings fulltext:

- Changes in Plantar Pressure Distribution Induced by RELIVE Overground Gait Rehabilitation System. Conference: 2022 E-Health and Bioengineering Conference (EHB). Nov 2022. D.I. Badea, A. Iliescu, I Ciobanu, M Berteanu. DOI: 10.1109/EHB55594.2022.9991432
- Broekx, Ronny & Serrano, J. Artur & Ciobanu, Ileana & Iliescu, Alina & Marin, Andreea & Berteanu, Mihai. (2022). Using Technology to Create Personalised Environments for Dementia Care: Results of an Empathy Map Study. 10.1007/978-3-031-10467-1\_14.
- Badea Ioana Doina, Ciobanu Ileana, Iliescu Alina, Padurarur Georgiana Ionela, Stoica Constantin Romica, Alexe Mihaela Anca, Priseccaru Delia Alexandra, Seiciu Petre Lucian, Berteanu Mihai. "Changes in Pelvic Biomechanics Induced by RELIVE Overground Gait Rehabilitation System," 2021 International Conference on e-Health and Bioengineering (EHB), 2021, pp. 1-4, doi: 10.1109/EHB52898.2021.9657647.
- Padurarur Georgiana Ionela, Stoica Romica Constantin, Barbu Valentin, Alexe ihaela Anca, Seiciu Petre Lucian, Iliescu Alina, Badea Doina Ioana, Berteanu Mihai, "Compact Rolling Walker Mechatronic System for Gait Rehabilitation," 2021 International Conference on e-Health and Bioengineering (EHB), 2021, pp. 1-4, doi: 10.1109/EHB52898.2021.9657685.
- "Systems for Whole Body Vibration – current state of technology". A Iliescu, I Ciobanu, AM Popescu, DI Badea, PL Seiciu, T Mikolajczyk, M Berteanu. IEEE – EHB Conference 2017, DOI: 10.1109/EHB.2017.7995468.
- "Deterioration by friction on contact surfaces of the total knee prosthesis". AM Popescu, I Ciobanu, PL Seiciu, A Iliescu, DI Badea, T Mikolajczyk, M Berteanu. IEEE – EHB Conference 2017, DOI: 10.1109/EHB.2017.7995469.
- "The usability pilot study of a mechatronic system for gait rehabilitation". I Ciobanu, DI Badea, AM Popescu, PL Seiciu, T Mikolajczyk, F Moldovan, M Berteanu. Procedia Manufacturing, Volume 22, 2017, Pages 864–871.
- "Comparative effects on the muscular system of native vitamin D and alphacalcidol". Capatina C, Carsote M, Berteanu M, Poiana C. Proceed of the 49th Ann Scientific meeting of the Eur Soc for Clin invest, pg 77-82, 2015. ISBN: 978-88-7587-719-4
- „Acceptance and usability of an ambulant activity coach for patients with COPD”. Monique Tabac, H Hermens, T Burkow, I Ciobanu, M Berteanu. Proceedings of the IADIS International conference e-Health 2013, 24-26 July 2013, Prague, Czech Republic, pp 61-68. ISBN: 978-972-8939-87-8
- „Elements of Gait Kinematic Analyze in CAMONAL Project. Mihai Berteanu, Pierre de Hillerin, Radu Bidiugan, Ileana Ciobanu, Ruxandra Badea, Luminita Dumitru, Alina Iliescu, Horatiu Dinu. Applied Mechanics and Materials Vol 436 (2013) pp 247-254.
- „Changes in Spastic Muscle Architecture in Stroke Patients – Ultrasound Assessment.” R.I. Badea, H. Dinu, L.V. Dumitru, A. N. Iliescu, I. Ciobanu, M. Berteanu. Proceedings of the 18th European Congress of Physical and Rehabilitation Medicine Thessaloniki, Greece , May 28 -June 1, 2012. Edizioni Minerva Medica ISBN 978-88-7711-616-1, Pag. 24-26 (ISI article)
- „Advanced Rehabilitation Technology.” Ileana Ciobanu, Mihai Berteanu. Applied Mechanics and Materials Vol. 186 (2012) pp 35-45. ISSN:1660-9336, ISBN: 978-3-03785-444-0
- "The effects of the ActiGait™ implantable drop foot stimulator on the temporal and spatial parameters of gait". Iliescu A, Dumitru VL, Dinu H, Manoila S, Toma C, Berteanu M. XXXVIII SIMFER National Congress, 17th ESPRM Eur Congress of PRM, pg 1630165, 2010. ISBN: 978-88-7711-616-1

#### ISI proceedings abstracts:

- Andreea G Marin, Ileana Ciobanu, Mihai-Viorel Zamfir, Mihaela Zamfir (Grigorescu), Mihai Berteanu, Long Distance Cognitive Rehabilitation During COVID19 Pandemic: A Study Report". EuGMS Congress 2020 (<https://eugms2020.online>). Eur Geriatr Med (2020) ) 11 (Suppl 1):S1–S309. <https://doi.org/10.1007/s41999-020-00428-6>
- „Tramadol influence on Exercise Capacity in Subjects with Chronic Nonspecific Low Back Pain". A.M.Ionescu, B.N. Manolescu, R. Popa, R. Badea, S.E. Săvulescu, L. Dumitru, H. Dinu, S. Tache, M. Berteanu. J of Rehab Med Suppl 54, pg 99, Abstracts The 9th World Congress of International Society of PRM, 2015, ISSN 1650-1977
- "Improvement of balance in vitamin-D deficient women after 6 months treatment with either cholecalciferol or alphacalcidol". C Capatina, A Caragheorghopol, M Berteanu, C Poiana. Osteoporosis International Meeting Meeting Abstract: P153, Vol 27, Pg: S104-S104, Suppl 1, apr. 2016 ISSN:0937-941X.
- "The Relationship between the erythrocytes' glutathione-dependent antioxidant enzymes and the consumption of a nutritional supplement in post-acute stroke patients". Manolescu BN, Berteanu M, Cinteza D, Oprea E, Busu C. FEBS J, Meeting Abstract: P10-030, Vol 282, Special Issue: SI, pg 118-118, Suppl 1, Jul 2015. ISSN:1742-464X
- „A Clinical Case: Stroke in Patients with Overlap Syndrome". D.I.Stanculescu, E. Mustafa, C. Malin, L. Grozoiu, H. Dinu, M. Berteanu J of Rehab Med Suppl 54, pg 488, Abstracts The 9th World Congress of ISPRM, 2015, ISSN 1650-1977
- „Cognitive Optimization – Interim Results of a Pilot Study". A. Marin, H. Dinu, I. Ciobanu, L. Dumitru, R. Badea, S. Savulescu, L. Grozoiu, N.A. Cojan Carlea, M. Berteanu. J of Rehab Med Suppl 54, pg 206, Abstracts The 9th World Congress of International Society of PRM, 2015, ISSN 1650-1977
- "Comparative Effects on the muscular system of native vitamin D and alphacalcidol". Capatina C, Carsote M, Berteanu M, Poiana C. Eur J of Clin Investigation. Meeting Abstract>S.36. Vol 45, Sp issue> SI, Pg 82-82, Suppl 2, May 2015. ISSN: 0014-2972.
- "Physical Performance in Women with Postmenopausal Osteopenia or Osteoporosis: Effects of Short-Term Treatment with Cholecalciferol or alphacalcidol". Capatina C, Carsote M, Berteanu M, Poiana C. Osteoporosis International. Meeting Abstract:P461, Vol 26, pg S236-S236, Suppl 1, Feb 2015. ISSN:0937-941X

- "Effects of Cholecalciferol and alphacalcidol on the grip Strength in Women with Postmenopausal Osteopenia or Osteoporosis". Capatina C, Carsote M, Berteanu M, Poiana C. *Osteoporosis International*. Meeting Abstract> P460, Vol 26, pg S236-S236, Suppl 1, Feb 2015. ISSN:0937-941X
- "Tramadol effects on exercise capacity in patients with low back pain". A.M.Ionescu, R. Badea, M. Berteanu et al. *Ann Rheum Dis* 2014;73(Suppl2) pg 296-297
- "Tramadol's Respiratory Effects in Subjects with Chronic Non-Specific Low Back Pain: A Randomised Controlled Trial". AM Ionescu, R Popa, BN Manolescu, S Tache, M Berteanu. *Ann Rheum Dis* 2014;73(Suppl2)
- "The dynamic of some plasma oxidative stress markers in stroke patients undergoing rehabilitation". Bogdan Manolescu, Mihai Berteanu, Eliza Oprea, Luminita Dumitru, Ileana Farcasanu, Alina Iliescu, Badea Ruxandra, Claudia Toma. *Abstract in FEBS J.*, 277 (supl 1):81, 2010
- "Dynamic of protein carbonyls and nitrite in patients with first-ever stroke". Mihai Berteanu, Luminita Dumitru, Bogdan Manolescu, I. Anghel, Eliza Oprea, Ileana Farcasanu. *Abstract in EUR J CLIN INVEST*, 40(supl 1):3, 2010. (ISI Proceeding abstract)
- "Plasma status of homocysteine and lipoprotein(a) during chronic phase of stroke". Bogdan Manolescu, Mihai Berteanu, Ileana Farcasanu, Luminita Dumitru, Eliza Oprea, Alina Iliescu, Badea Ruxandra, Claudia Toma. *FEBS J.*, 277 (supl 1):81, 2010
- "Correlations between hypogonadism and risk of falling in men with low bone mineral density". Popa FL, Banciu A, Stanciu M, Berteanu M, Totoianu IG. *Osteoporosis International*, Vol 21, pg 264-264 Suppl 1, May 2010, ISSN:0937-941X
- "Dynamic of some oxidative stress markers in patients with first-ever ischemic stroke". Bogdan Manolescu, Mihai Berteanu, Luminita Dumitru, Horatiu Dinu, Ruxandra Badea, Eliza Oprea, Ileana Facasanu. *Abstract in FREE RADICAL BIO MED*, 47 (supl 1):S63, 2009. ISSN: 0891-5849
- "Uric Acid Plasma Levels in Patients with First-Ever Stroke". Bogdan Nicolae Manolescu, Mihai Berteanu, Luminita Dumitru, Horatiu Dinu, Ruxandra Badea. *Abstract in FREE RADICAL BIO MED*, 47 (supl 1):S63, 2009 (SFRBM 2009), ISSN:0891-5849
- "Motivated options of the osteoporosis pathophysiology field for the prophylaxis exercises in the osteoporosis fractures". Dinu H, Dumitru L, Toma C, Badea R, Iliescu A, Berteanu M. *Ed Minerva Medica*. *Proceed of the 16th Eur Congress of PRM*, pg 266-267, 2008. ISBN: 978-8-87711-616-1
- "Management of Spasticity in Multiple Sclerosis Patients". M. Berteanu. *Abstract in Rehabilitation and Neural Repair* 20:51, 2006, Abstracts of the 4th World Congress for NeuroRehabilitation (ISI proceeding abstract)
- "Evaluation of the fasting plasma triglyceride level in patients with first ever stroke". B. Manolescu, L. Dumitru, A. Iliescu, E. Dogaru, M. Berteanu. *Abst Chem and Physics of Lipids* 160s (2009) S40-S44 (poster abstract, ISI).

#### Other IDB publications

- Modifications in plantar pressure in overground assisted gait Training. Doina Ioana Badea, Ileana Ciobanu, Roxana Popa, Petre Lucian Seiciu, Mihai Berteanu. *Health, Sports & Rehabilitation Medicine*, Vol. 24, no. 2, April-June 2023, 54–60
- Silvia Luca, Ileana Ciobanu, Mihai Berteanu. *Developmental disorder – an early sign of cerebral palsy*. *Health, Sports & Rehabilitation Medicine*, Vol. 23, no. 2, April-June 2022, 87–93. pISSN 2668-2303, eISSN 2668-5132, ISSN-L 2668-2303
- Silvia Luca, Mihai Berteanu. *Parent Involvement As Co-Therapist In The Follow-Up Programme Of Home Physiotherapy*. *Acta Medica Transilvanica*. Mar2022, Vol. 27 Issue 1, p65-69. 5p. ISSN 2285-7079, ISSN-L 1453-1968
- Ciobanu I, Teodorescu M, Marin AG, Iliescu A, Berteanu M. *Technology in Rehabilitation Medicine – Actualities and perspective*. *Romanian Medical Journal*. Vol LXIX, Suppl 1, 2022. *Technology iHealth in the 21st Century medicine*. Ed Iuga G. . ISSN 1220-5478, CNCS 769, DOI 10.37897/RMJ. (EBSCO) Pag 270-277.
- Mihai EE, Berteanu M. *Early Individualized Approach for a Patient with Spasticity of Stroke Origin*. *Curr Health Sci J*. 2021 Oct-Dec;47(4):608-611. doi: 10.12865/CHSJ.47.04.20. Epub 2021 Dec 31. PMID: 35444829; PMCID: PMC8987471.(PubMed)
- Correlations between walking speed and Timed Up and Go (TUG) in patients with heart failure class II-III NYHA. Turcu Diana, Roman Anca Ioana, Teodorescu Matei, Popescu Marius, Ploesteanu Rodica, Ghilencea Liviu, Gica Nicolae, Bataila Vlad, Berteanu Mihai. *Ro J Med Pract*. 2021;16(3). DOI: 10.37897/RJMP.2021.3.10 (EBSCO, CrossRef)
- Rehabilitation treatment of post-stroke spastic and non-spastic genu recurvatum, Teodorescu Matei, Popescu Marius Nicolae, Iliescu Alina Nela, Berteanu Mihai. *Health, Sports & Rehabilitation Medicine* VOL. 22, NO. 3, JULY-SEPTEMBER 2021, pag 142- 147. <https://doi.org/10.26659/pm3.2021.22.3.142> (Ebsco, CrossRef, Index Copernicus, Scipio)
- How non-invasive brain stimulation therapy may influence the fatigue of patients with multiple sclerosis. Mustafa Edis, Popescu Marius Nicolae, Teodorescu Matei, Berteanu Mihai. *Health, Sports & Rehabilitation Medicine* VOL. 22, NO. 3, JULY-SEPTEMBER 2021, pag148-153. <https://doi.org/10.26659/pm3.2021.22.3.148> (Ebsco, CrossRef, Index Copernicus, Scipio)
- Badea ID, Ciobanu I, Seiciu PL, Berteanu M. *Pelvis mobility control solutions for gait rehabilitation systems: a review*. *Health, Sports & Rehabilitation Medicine* Vol. 22, no. 1, January-March 2021, 26–35 (EBSCO)
- Biocrystallization test for early determination of oxidative stress. Cristina-Daniela Cimpean, Mihai Berteanu. *Health, Sports & Rehabilitation Medicine*. Vol. 21, no. 1, January-March 2020, 45–51. <https://doi.org/10.26659/pm3.2020.21.1.45>
- "Monitoring healing of orthopedic ailments with an original instrumented crutch". Cristina Reynders-Frederix, Peter Reynders-Frederix, Innocenti Bernardo, Tamas Illes, Mihai Berteanu. *Health, Sports & Rehabilitation Medicine*, Vol. 21, no. 2, April-June 2020, 88–92
- How can transcranial direct current stimulation influence sports exercises for normal or high-level practitioners. Edis Mustafa, Marius Nicolae Popescu, Matei Teodorescu, Mihai Berteanu. *Health, Sports & Rehabilitation Medicine*, Vol. 21, no. 3, July-September 2020, 167–173. <https://doi.org/10.26659/10.26659/pm3.2020.21.3.167>
- "The impact the establishment of the state of emergency had on the medical system in the context of the pandemic generated by the SARS CoV-2 virus (Note I)". George Coca, Mihai Berteanu, Florina-Andreea Paşcu. *Health, Sports & Rehabilitation Medicine*. Vol. 21, no. 2, April-June 2020, 122–126
- "The contribution of the European Union in terms of medical assistance for combating COVID-19 (Note II)". George Coca, Mihai Berteanu, Florina-Andreea Paşcu. *Health, Sports & Rehabilitation Medicine*. Vol. 21, no. 2, April-June 2020, 127–130
- "Safety Aspects In Developing New Technologies For Reminiscence Therapy: Insights From The Sense-Garden Project". Ileana Ciobanu, A Georgiana Marin, R Drăghici, G Goodall, I Anghelache, C Anghelache-Tutulan, R Valadas, C Vaz de Almeida, R Broekx, J Sørgaard, A Serrano, M Berteanu. *Rom. J. Gerontol. Geriatr.*, 2019, Vol. 8, No. 1-2, p. 3-8
- "Evaluation methods in idiopathic scoliosis". Zaharia A, Iliescu A, Berteanu M. *Health, Sports & Rehabilitation Medicine*, Vol. 20, no. 4, October-December 2019, 179–183

„Reabilitarea cognitivă-Prezent și Perspective”, A.Marin I Ciobanu, M Zamfir, M Zamfir, R Draghici, A Bighea, M Berteanu, Viața Medicală – Reabilitare Medicală: Actualități 2020, pg.46-51, Ed MEDICHUB MEDIA, București 2020, ISBN 978-606-94854-4-6.

„Spațiul Terapeutic în Reabilitarea Medicală, coordonate contemporane. I Ciobanu, M Zamfir, M Zamfir, A Marin, R Draghici, A Iliescu, A Bighea, M Berteanu. Viața Medicală – Reabilitare Medicală: Actualități 2020, pg.52-56, Editura MEDICHUB MEDIA, București 2020, ISBN 978-606-94854-4-6.

“The Role of Adaptive Immersive Technology in Creating Personalised Environments for Emotional Connection and Preservation of Identity in Dementia Care. Insights from User Perspectives towards SENSE-GARDEN”. G Goodall et al, M Berteanu, JA Serrano. International J of Advances in Life Sciences, vol 11 no 1& 2, 2019, 13-22.

“Safety of ultrasound-guided botulinum toxin type A injections for patients with anticoagulant and antiplatelet background medication. MN Popescu, L Dumitru, M Teodorescu, M Berteanu. Health, Sports& Rehab Med, Vol. 20, no. 2, 2019, 66-69. <https://doi.org/10.26659/pm3.2019.20.2..66>.

“Approach to rehabilitation treatment of gait disorders in patients with genu recurvatum”. M Teodorescu, MN Popescu, L Dumitru, M Berteanu. Health, Sports&Rehab Med, Vol 20, no. 2, 2019, 79-84. <https://doi.org/10.26659/pm3.2019.20.2.79>.

“Idiopathic Normal pressure Hydrocephalus – What We Know”. D Baltatanu, M Berteanu. Maedica – a J of Clinical medicine. 2019; 14(2): 161-164. [https://doi.org/10.26574/maedica.2019.14.2.161.\(PubMed\)](https://doi.org/10.26574/maedica.2019.14.2.161.(PubMed))

“The Effects of Ventriculoperitoneal Shunt on Gait Performance”. D Baltatanu, I Ciobanu, M Berteanu. J of Medicine and Life, vol 12, issue 2, pp 194-198. DOI: 10.25122/jml-2019-1004 (PubMed)

“Biomechanics, actuation, and multi-level control strategies of power-augmentation lower extremity exoskeletons an overview”. H Al-Shouka, M Rahman, S Leonhardt, I Ciobanu, M Berteanu. Int J. Dynam. Control (2019). [doi.org/10.1007/s40435-019-00517-w](https://doi.org/10.1007/s40435-019-00517-w)

“Effects of neuromuscular electrical stimulation in patients with heart failure – review”. Ploesteanu RL, Nechita AC, Turcu D, Manolescu BN, Stamate SC, Berteanu M. Journal of Medicine and Life Vol. 11, Issue 2, April-June 2018, pp.107-118 (PUBMED)

“Using Adaptive Immersive Environments to Stimulate Emotional Expression and Connection in Dementia Care: Insights from User Perspectives Towards SENSE-GARDEN”, by Gemma Goodall, Ileana Ciobanu, Ronny Broekx, Jon Sørgaard, Iulian Anghelache, Catalina Anghelache-Tutulan, Mara Diaconu, Sigrid Mæland, Therese Borve, Audun Digranes Dagestad, Piet Bormans, Marleen Custers, Katrin Losleben, Rita Valadas, Alda Matias, Andreea Marin, Kristin Taraldsen, Walter Maetzler, Mihai Berteanu, Artur Serrano, presented during HUSO 2018, The Fourth International Conference on Human and Social Analytics, held in Venice, Italy during June24 - 28, 2018, ISSN: 2519-8351, ISBN: 978-1-61208-648-4. Pages: 37 to 42, ThinkMind // HUSO 2018, The Fourth International Conference on Human and Social Analytics // View article huso\_2018\_2\_30\_80016

“TDCS – Transcranial Direct Current Stimulation In The Rehabilitation Of Stroke Patients Associating Depression Or Aphasia”. Edis Mustafa, Mihai Berteanu, Ileana Ciobanu, Andreea Marin. ESPRM 2018 Book of Abstracts, pag no 411. “The Therapeutic Space Of SENSE-GARDEN”. Ileana Ciobanu, Andreea Georgiana Marin, Artur Serrano, Mihaela Zamfir (Grigorescu), Mihai Viorel Zamfir, Mihai Berteanu. ESPRM 2018 Book of Abstracts, pag no 103.

“MRT 180: Pilot Study For Identifying The Best Exercises And Techniques That Can Be Integrated In Rehabilitation Programs Using RELIVE Mechatronic System”. D I Badea, I Ciobanu, L P Seiciu, i Berteanu. ESPRM 2018 Book of Abstracts, pag no 97.

“Effects of botulinum toxin type A on spasticity and hand function”. M-N Popescu, S Săvulescu, L Dumitru, H Dinu, Mi Teodorescu, E Mustafa, Mihai Berteanu. Palestrica of the third millennium – Civilization and Sport, Vol. 19, no. 2, April-June 2018, 86–91.(EBSCO)

“Effect of Traumeel S associated with conventional treatment in patients with low-back pain”. Rindasu I, Berteanu M. Med Sportiva (2017), vol.XIII, no 1, 2845-2852. (PROQUEST, EBSCO)

“Work Protocol for Cognitive Optimization Intervention Using Computer Applications in Patients with Cognitive Impairment after Stroke”. A Marin, I Ciobanu, MV Zamfir, T Mikolajczyk, M Berteanu. IJMO 2017 Vol.7(4): 245-250 ISSN: 2010-3697. (PROQUEST)

“Materials For Security Elements Used In Protected Documents, Optical Examination Methods. A Review” T. Necsoiu, G. Bostan, P. Sterian, M. Berteanu. Annals of the Academy of Romanian Scientists Series on Science and Technology of Information ISSN 2066-8562, Volume 10, No 1/2017, pg 25-40.

“New Mechatronic System for Gait Rehabilitation – Functional Requirements”. P.L. Seiciu, I.Ciobanu, T. Mikolajczyk, A.G.Marin, M. Berteanu. Applied Mechanics and Materials, Vol. 859, pp. 231-235, ISSN: 1660-9336. 2017 (EBSCO)

“An Idea of Computer Aided Eye Exercises System Based on Bates Method”. T. Mikolajczyk, M. Skornia, I. Ciobanu, M. Berteanu. AMM, 2016. ISSN: 1660-9336, vol.854 pp.225-230.

„Repetitive Peripheral Magnetic Stimulation in Stroke Rehabilitation A Case Study”. Lavinia Grozoiu, Savulescu Simona, Stefan Hesse, Adrian Bighea, and Mihai Berteanu. International Journal of Social Science and Humanity, Vol. 6, No. 8, August 2016: 608-611. (GOOGLE SCHOLAR, INDEX COPERNICUS)

„Peripheral Repetitive Magnetic Stimulation: A Novel Approach for Hand Rehabilitation in Carpal Tunnel Syndrome – A Pilot Study”. Savulescu Simona Elena, Grozoiu Lavinia, Popa Florina, Dumitru Luminita, and Berteanu Mihai. International Journal of Social Science and Humanity, Vol. 6, No. 8, August 2016: 604-607. (GOOGLE SCHOLAR, INDEX COPERNICUS)

„Towards a Model of Rehabilitation Technology Acceptance and Usability” Mohammad Hatami Kaleshtari, Ileana Ciobanu, Petre Lucian Seiciu, Andreea Georgiana Marin, and Mihai Berteanu International Journal of Social Science and Humanity, Vol. 6, No. 8, August 2016: 612-616. (GOOGLE SCHOLAR, INDEX COPERNICUS)

„Physical performance in women with vitamin D deficiency”. Capatana C, Carsote M, Berteanu M, Poiana C. Endocrine Abstracts (2015) 37 GP11.09

„Instrumented Gait Analysis for Assessing the Efficiency of a Complex Rehabilitation Program in Patients with Stroke – a Case Study”. Cojan-Carlea N. A., Badea R. I., Iliescu A. N., Ciobanu I., Berteanu M., Advanced Research in Aerospace Engineering, Robotics, Manufacturing Systems, Mechanical Engineering and Biomedicine - Applied Mechanics and Materials, Vol. 811, pp 347-352, ISSN: 1660 -9336, 2015. (EBSCO)

„Infrared Thermography – a Tool for Computer Assisted Research in Rehabilitation Medicine”. Cojocar Marius Cristian, Cojocar Ioana Maria, Cojan Carlea Nida Alexandra, Cinteza Delia, Berteanu Mihai. Applied Mechanics and Materials Vol 772 (2015) pp 603-607.(EBSCO)

„Facial Paralysis – Thermal Patterns”. Cojocar Ioana Maria, Cojocar Marius Cristian, Ciobanu Ileana, Berteanu Mihai, Giurcaneanu Calin. Applied Mechanics and Materials Vol 772 (2015) pp 608-612(EBSCO)

„Technology for Post – Stroke Cognitive Rehabilitation”. Andreea Georgiana Marin, Petre Lucian Seiciu, Alina Magdalena Popescu, Adrian Bighea, Mihai Berteanu. International Journal of Pharma Medicine and Biological Sciences Vol. 4, No.2, April 2015, 146-150.(PROQUEST)

„Effects of tramadol treatment on aerobic exercise capacity in subjects with chronic non-specific low back pain”. Andreea Marilena Ionescu, Bogdan Nicolae Manolescu, Roxana Popa, Ruxandra Badea, Simona Săvulescu, Simona Tache, Mihai Berteanu. Palestrica

- „Developing an Online Web Application for Disability Evaluation on a Medical, Social and Computerized Level”. Nida-Alexandra Cojan-Carlea, Cristian Marius Cojocaru, Florina Popa, Mihai Berteanu. *Applied Medical Informatics*, Vol. 36, No. 1/2015, pp: 45-50. e-ISSN: 2067-7855 (EBSCO, PROQUEST)
- „Trigger points – ultrasound and thermal findings”. Cojocaru MC, Cojocaru IM, Voiculescu VM, Cojan-Carlea NA, Dumitru VL, Berteanu M. *Journal of Medicine and Life* Vol. 8, Issue 3, July-September 2015, pp.315-318. ISSN: 18443117, 1844122X (SCOPUS)
- „Ultraviolet Radiation Therapy in Wound Healing – an Orientation Paper”. M. Hatami Kaleshtari, I. Ciobanu, A. Bighea, F. Popa, M. Berteanu. *J Transl Med Res* Vol 20 (2), 2015, pp 3-7.(SCOPUS)
- „The Effectiveness of Peripheral Repetitive Magnetic Stimulation in Carpal Tunnel Syndrome”. Simona Elena Săvulescu, Luminița Dumitru, Horațiu Dinu, Lavinia Nicolae, Andreea Ionescu, Alina Iliescu, Dan Botezatu, Ileana Ciobanu, Mihai Berteanu. . *Analele Universității Dunărea de Jos din Galați, Fascicula XVII, Medicină*, No. 1/2015, 37-45. (INDEX COPERNICUS) Healthier by safe persuasion.” M. Berteanu, R. Badea, L. Dumitru, H. Dinu, A. Iliescu, I. Ciobanu, *Applied Mechanics and Materials*, Vol. 245 (2013) pp 9-14. (SCOPUS)
- „The Relationship Between Alanerv® Consumption and Erythrocytes' Glyoxalases I and II Activities and The Level of Some Serum Markers of Carbonyl Stress in Post-Acute Stroke Patients Undergoing Rehabilitation”. Eliza OPREA; Delia CİNTEZA; Mihai BERTEANU; Bogdan Nicolae MANOLESCU. *Maedica (Buchar)*. 2013 Sep;8(3):249-55. (IDB)
- „The role of Physical and Rehabilitation Medicine Specialist in Lymphoedema.” V. Fialka Moser, M. Berteanu et Al. *Annals of Phys and Rehab Med*, 56 (2013), 396 – 410 (MEDLINE, EMBASE), „The lower limb prosthetic devices quality management”. M. Buzatu, Gh. Gheorghe, O. Dontu, M. Berteanu. *The Romanian Rev Precision Mechanics, Optics & Mechatronics*, 2013, No. 44 6, pg:135-139(SCOPUS)
- „A new approach to estimate the anaerobic capacity of the top athletes”. A Apostol, A. Ionescu, M. Vasilescu, M. Berteanu. *Medicina Sportiva* 2013, nr 35, p2147 (EBSCO SPORT) ISSN 1841-0162, <https://www.medicinasportiva.ro/SRoMS/english/Journal/No.35/estimate-anaerobi-capacity-athletes.html>
- „Rationale for designing a new system for gait rehabilitation”. Mihai Berteanu, Petre Lucian Seiciu, Ileana Ciobanu, Alina Iliescu, Ruxandra Ileana Badea, Andreea Georgiana Marin. *Applied Mechanics and Materials* Vol. 555 (2014) pp 681-688 (SCOPUS)
- “The influence of falling and fractures history on the quality of life in postmenopausal women”. Capatina, Cristina & Carsote, M & Berteanu, M & Poiana, C. (2014). *Gineco.eu*. 10. 151-154. 10.18643/gieu.2014.151. (SCOPUS) „Usefulness and Importance of Informatics Solution in Evaluating Disability – Starting Point form Physical and Rehabilitation Medicine – Draft Application”. Nida Alexandra Cojan Carlea, Cristian Marius Cojocaru, Adrian Bighea, Florina Popa, Mihai Berteanu. *Maedica a Journal of Clinical Medicine* 2015;10(2):153-158.(CNCSIS, NCBI, PMID: PMC5327806, PMID: 28275410)
- „Vitamin D deficiency in postmenopausal women – biological correlates”. Cristina Capatana, Mara Carsote, Andra Carageorghepol, Catalina Poiana, Mihai Berteanu. *Maedica*, Vol. 9 No.4, 2014, pages: 316-322.(SCOPUS)
- „Paraoxonase 1 – an Update of the Antioxidant Properties of High Density Lipoproteins”. Manolescu B, Busu C, Stanculescu R, Berteanu M. *Maedica*2015; 10(2):173-177 (NCBI, PMID: PMC5327813, PMID: 28275414) .
- „Physiological considerations on Neuromuscular Electrical Stimulation (NMES) in muscular strength training”. Luminita Dumitru, Alina Iliescu, Cristian Dumitru, Ruxandra Badea, Simona Savulescu, Horatiu Dinu, Mihai Berteanu. *Palestrica of the third millenium – Civilization and Sport*, Vol. 15, no. 2, April-June 2014, 134-139 (EBSCO, INDEX COPERNICUS)
- „A new approach to gait rehabilitation”. Mihai Berteanu, Petre Lucian Seiciu, Ileana Ciobanu, Alina Iliescu. Abstract Poster no. 148. *Robotics / Annals of Physical and Rehabilitation Medicine* 57S (2014) e10–e13
- Assessing the Relationship between Joint Damage and Gait Impairment in Children with Haemophilic Arthropathy. A Clinical Study”. Iliescu Alina, Ciobanu Ileana, Badea Ruxandra, Dumitru Luminita, Marin Andreea, Dinu Horatiu, Berteanu Mihai. *Applied Mechanics and Materials* Vol. 656 (2014) pp 634-641 (SCOPUS) Healthier by safe persuasion.” M. Berteanu, R. Badea, L. Dumitru, H. Dinu, A. Iliescu, I. Ciobanu, *Applied Mechanics and Materials*, Vol. 245 (2013) pp 9-14. (SCOPUS)
- „The Relationship Between Alanerv® Consumption and Erythrocytes' Glyoxalases I and II Activities and The Level of Some Serum Markers of Carbonyl Stress in Post-Acute Stroke Patients Undergoing Rehabilitation”. Eliza OPREA; Delia CİNTEZA; Mihai BERTEANU; Bogdan Nicolae MANOLESCU. *Maedica (Buchar)*. 2013 Sep;8(3):249-55.
- „The role of Physical and Rehabilitation Medicine Specialist in Lymphoedema.” V. Fialka Moser, M. Berteanu et Al. *Annals of Phys and Rehab Med*, 56 (2013), 396 – 410 (MEDLINE, EMBASE), „The lower limb prosthetic devices quality management”. M. Buzatu, Gh. Gheorghe, O. Dontu, M. Berteanu. *The Romanian Rev Precision Mechanics, Optics & Mechatronics*, 2013, No. 44 6, pg:135-139 (SCOPUS)
- „A new approach to estimate the anaerobic capacity of the top athletes”. A Apostol, A. Ionescu, M. Vasilescu, M. Berteanu. *Medicina Sportiva* 2013, nr 35, p2147 (EBSCO SPORT) ISSN 1841-0162,
- Efficiency and safety of the use of Stopartroz Ultra for patients with knee and hip osteoarthritis”. Mihai Berteanu, Ileana Ciobanu. *Ro J Phys Rehabil Med*, Vol. 23, 2013. <http://rojprm.srmfr.ro/fulltext>
- „Disability in COPD and Chronic Heart Failure. Is the Skeletal Muscle the Final Common Pathway?” Dumitru L, Iliescu A, Dinu H, Badea R., Savulescu S., Huidu S., Berteanu M. *Maedica. A Journal of Clinical Medicine* 2013; 8(2): 206-213 (NCBI)
- „Inertial sensing system for advanced chronic condition monitoring and risk prevention”. Berteanu M, Badea R, Dumitru L, Iliescu A, Dinu H, Ciobanu I. 12th Congress of European Forum for Research in Rehabilitation. *Phys Med Rehab* 2013; (59 Suppl 2): 10
- “The Consumption of Alanerv Nutritional Supplement and the Dynamic of Some Inflammatory Markers in Post-Acute Stroke Patients Undergoing Rehabilitation”. D Cinteza, M Berteanu, S Vladioiu, BN Manolescu, H Dinu. *Maedica* . 2013 Jun;8(2):137-42. (PUBMED)
- ”Biochemical and physiological basis of muscle pain”. Andreea Marilena Ionescu, Simona Tache, Mihai Berteanu. *Palestrica of the third millennium - Civilization and Sport*, „ Vol. 13, no. 1, January-March 2012, 48-51 (EBSCO)
- „Voltammetric determination of antioxidant capacity in plasma samples from stroke patients”. C. Lete, M. Marin, B. Manolescu, E. Oprea, Ch. Comminelis, M. Berteanu. 219th ECS Meeting, 2011, The Electrochemical Society, Abstract no. 1021. Abstract MA2011-01 1021 Print ISSN: 2151-2041, Online ISSN: 2151-2043.(ECS Digital Library). <http://ma.ecsd.org/content/MA2011-01/13/1021.abstract>
- „The particularities of specific kineto therapy on elderly patients with osteoporotic vertebral fractures”. H. Dinu, N. Teleki, M. Berteanu, L. Dumitru, A. Iliescu, A. Ionescu, R. Badea. *Palestrica of the Third Millenium*, 2011– Vol 12, no 4: 387-390. (EBSCO, Index Copernicus)
- „The influence of physical exercise on arterial stiffness”. A. Ionescu, M. Berteanu. *Palestrica mill III*. Vol.11 no.2, April 2010. 153-157 (EBSCO, Index Copernicus, DOAJ, CiteFactor, Crossref) <http://www.pm3.ro/archive-last-number/palestrica-of-the-third-millennium-april-june-2010-vol-xi-nr-2-40/>

„Contributions to the assessment of postural stability and dynamic balance in some neurological dysfunctions in human normality or performance”. S. Tiron, M. Berteanu, A. Cretu, M. Anton, A. Gagea. *Palestrica Mill III*. Vol., X no.1(35), March 2009, 64-68. (EBSCO)  
“White Book on Physical and rehabilitation Medicine in Europe”. Guttenbrunner C, M Berteanu et Al. 2007, *J of Rehab Med*, 39, Suppl45, pp1-48. DOI: 10.2340/16501977-0028 (SCOPUS)

**August 2023**

**Mihai Berteanu**

