



Personal information

First name(s) / Surname(s) **Mihai BERTEANU**

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. European Board certified PRM specialist.

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

European level ()*

English

German

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
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 a B class vehicles driving licence

Professional Activity

Awards:

- Gold Medal for the invention Mechatronic system for Vertical Alternative Swinging of the Pelvic Girdle, The 4th International Invention Innovation Competition in Canada, iCAN 2019, TISIAS. 24th Aug 2019.
- Gold Medal for the invention "Botulinum Toxin Guided Injection Device for Spasticity Treatment", M Berteanu, L Seiciu, V Barbu, The 4th International Invention Innovation Competition in Canada, iCAN 2019, TISIAS. 24th Aug 2019.
- Gold Medal for the invention "Botulinum Toxin Guided Injection Device for Spasticity Treatment", L Seiciu, M Berteanu, 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 Berteanu, 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 Berteanu, 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.
- 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 cavaler", 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)
- 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)

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:Authomatic 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.

Other original contributions:

- Coordinator of 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 **Completed Financed Projects:**

- "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 Disfunctions, 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 " CoachMyLife", aal-2018-5-120-CP (2019-2021). Partner Project Director.
- AAL "Virtual and memory adaptable spaces creating stimuli for the senses in ageing people with dementia SENSE-GARDEN",51/14.06.2017 (2017-2020), Partner Project Director.
- COST Action CA16116 – "Wearable Robots for Augmentation, Assistance or Substitution of Human Functions" (2017-2020) – MC Member.

Books:

- **“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, Timisoara, 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. Universităta „Carol Davila” București 2006. ISBN 13: 978-973-708-025-7
- **Biofeedback-ul electromiografic - baze neurofiziopatologice și aplicația în recuperarea medicală.** Berteanu M. Ed. Universităta „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 S Benghe. Ed. Medicală 1999. ISBN 973-39-0377-9

Relevant articles in international publications

ISI fulltext:

- "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, Berteanu M, Maetzler W, Serrano JA. *JMIR Res Protoc* 2019;8(9):e14096. DOI: 10.2196/1409.
- "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 Berteanu, *Advances in Mechanical Engineering*, <https://doi.org/10.1177/1687814018783627>, First Published July 29, 2018
- "Technologically-advanced assessment of upper-limb spasticity: a pilot study". F Posteraro, S Crea, S Mazzoleni, M Berteanu, 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.
- "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.
- "Short-term Administration of Alphacalcidol is Associated with More Significant Improvement of Muscular Performance in Women with Vitamin D Deficiency Compared to Native Vitamin D". Capatina, C (Capatina, C.); Caragheorghopol, A (Caragheorghopol, A.); Berteanu, M (Berteanu, 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. Berteanu. *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., Berteanu 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 Berteanu, 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 Berteanu. *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 Berteanu. *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. Berteanu, 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. Berteanu, 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. Berteanu, 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. Berteanu, 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. A.A. Kucukdeveci, A.Oral, E.M. Ilieva, E. Varela, R. Valero, M. Berteanu, N.Christodoulou. *Eur J Phys Rehabil Med* 2013;49:551-64.
- "Osteoporosis. 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. Berteanu, N.Christodoulou. *Eur J Phys Rehabil Med* 2013;49:565-77
- "Osteoarthritis. 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.M. Ilieva, A.Oral, A.A. Kucukdeveci, E. Varela, R. Valero, M. Berteanu, N.Christodoulou. *Eur J Phys Rehabil Med* 2013;49:579-93.
- "Spinal 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. Berteanu, 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. Berteanu, 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. Berteanu, 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. Berteanu, 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 Berteanu, 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 Berteanu, Delia Cintează, Bogdan Nicolae Manolescu. *Applied Physiology, Nutrition, and Metabolism*, 2013, 38(999): 613-620 (ISI fulltext)

Relevant articles in international publications

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. Chevnignard, M. Berteanu, 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 Berteanu, 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 Berteanu, 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 Berteanu, 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 Berteanu, 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 Berteanu, Luminita Dumitru, Horatiu Dinu, Alina Iliescu, Ileana Cornelia Facasanu, 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.Berteanu, 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 Berteanu, 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, CINHAI, 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, CINHAI, 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, CINHAI, 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 equinovarus deformity”. S. Hesse, M. Berteanu et Al. Stroke, 1999;30:1855-1861

ISI proceedings fulltext:

- "The usability pilot study of a mechatronic system for gait rehabilitation". I Ciobanu, DI Badea, AM Popescu, PL Seiciu, T Mikolajczyk, F Moldovan, M Berteau. *Procedia Manufacturing*, Volume 22, 2017, Pages 864–871.
- "Comparative effects on the muscular system of native vitamin D and alphacalcidol". Capatina C, Carsote M, Berteau 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, Hermie Hermens, Tatjana Burkow, Ileana Ciobanu, Mihai Berteau. *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 Berteau, 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. – ISI Proceedings fulltext
- "Changes in Spastic Muscle Architecture in Stroke Patients – Ultrasound Assessment." R.I. Badea, H. Dinu, L.V. Dumitru, A. N. Iliescu, I. Ciobanu, M. Berteau. *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 Berteau. *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, Berteau M. *XXXVIII SIMFER National Congress, 17th ESPRM Eur Congress of PRM*, pg 1630165, 2010. ISBN: 978-88-7711-616-1

ISI proceedings abstracts:

- "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. Berteau. *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 Berteau, 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, Berteau 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. Berteau *J of Rehab Med Suppl 54*, pg 488, Abstracts The 9th World Congress of International Society of PRM, 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. Berteau. *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, Berteau M, Poiana C. *Eu 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, Berteau 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, Berteau 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. Berteau 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 Berteau. *Ann Rheum Dis 2014;73(Suppl2)*
- "The dynamic of some plasma oxidative stress markers in stroke patients undergoing rehabilitation". Bogdan Manolescu, Mihai Berteau, Eliza Oprea, Luminita Dumitru, Ileana Farcasanu, Alina Iliescu, Badea Ruxandra, Claudia Toma. *Abstract in FEBS J., 277 (supl 1):81, 2010 (ISI Proceeding abstract)*
- "Dynamic of protein carbonyls and nitrite in patients with first-ever stroke". Mihai Berteau, 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 lipoproteine(a) during chronic phase of stroke". Bogdan Manolescu, Mihai Berteau, Ileana Farcasanu, Luminita Dumitru, Eliza Oprea, Alina Iliescu, Badea Ruxandra, Claudia Toma. *FEBS J., 277 (supl 1):81, 2010 (ISI Proceeding abstract)*
- "Correlations between hypogonadism and risk of falling in men with low bone mineral density". Popa FL, Banciu A, Stanciu M, Berteau 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 Berteau, 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 Berteau, 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, Berteau 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. Berteau. *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. Berteau. *Abst Chem and Physics of Lipids 160s (2009) S40-S44 (poster abstract, ISI).*

Other IDB publications:

- "Safety Aspects In Developing New Technologies For Reminiscence Therapy: Insights From The Sense-Garden Project". Ileana Ciobanu, Andreea Georgiana Marin, Rozeta Drăghici, Gemma Goodall, Iulian Anghelache, Cătălina Anghelache-Tutulan, Rita Valadas, Cristina Vaz de Almeida, Ronny Broekx, Jon Sørgaard, Artur Serrano, Mihai Berteanu. Rom. J. Gerontol. Geriatr., 2019, Vol. 8, No. 1-2, p. 3-8
- "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 Poescu, 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)
- "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 (SCOPUS)
- "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 June 24 - 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". Doina Ioana Badea, Ileana Ciobanu, Lucian Petre Seiciu, Mihai Berteanu. . ESPRM 2018 Book of Abstracts, pag no 97.
- "Reconnecting with Past and Present: Personalizing Sensory Stimulated Reminiscence Through Immersive Technologies – Developing a Multidisciplinary Perspective on the SENSE-GARDEN Room". Sørgaard, Jon; Berteanu, 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 (SCOPUS)
- "Effects of botulinum toxin type A on spasticity and hand function". Marius-Nicolae Popescu, Simona Săvulescu, Luminița Dumitru, Horațiu Dinu, Matei Teodorescu, Edis 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”. Cojocaru Marius Cristian, Cojocaru 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”. Cojocaru Ioana Maria, Cojocaru 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 of the third millennium Civilization and sport* Vol. 16, no. 3, July-September 2015: 214–218 . ISSN 1582-1943 (EBSCO, INDEX COPERNICUS)
- „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)
- „Usefulness and Importance of Informatics Solution in Evaluating Disability – Starting Point formPhysical 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 Carageorghopol, 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)
- „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)
- „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>

„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, PMID: PMC3865132, PMID: 24371487)

„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 (Buchar). 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.ecsdl.org/content/MA2011-01/13/1021.abstract>

„The particularities of specific kinetotherapy 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, DOAJ, CiteFactor, Crossref) <http://www.pm3.ro/2011-issues/palestrica-of-the-third-millennium-vol-12no-4-october-december-2011/>

„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, Suppl 45, pp1-48. DOI: 10.2340/16501977-0028 (SCOPUS)

22.01.2020

Mihai Berteanu