



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 anesthesy techniques
Principal occupational skills covered	regional anesthesy 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	<table><tr><th colspan="4">Understanding</th><th colspan="4">Speaking</th><th colspan="2">Writing</th></tr><tr><td colspan="2">Listening</td><td colspan="2">Reading</td><td colspan="2">Spoken interaction</td><td colspan="2">Spoken production</td><td colspan="2"></td></tr><tr><td>C2</td><td>Proficient user</td><td>C2</td><td>Proficient user</td><td>C2</td><td>Proficient user</td><td>C2</td><td>Proficient user</td><td>C2</td><td>Proficient user</td></tr><tr><td>C2</td><td>Proficient user</td><td>C2</td><td>Proficient user</td><td>C2</td><td>Proficient user</td><td>C2</td><td>Proficient user</td><td>C2</td><td>Proficient user</td></tr><tr><td>B2</td><td></td><td>B2</td><td></td><td>B1</td><td></td><td>B1</td><td></td><td>B1</td><td></td></tr></table>										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	
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European level (*)	(*) <u>Common European Framework of Reference for Languages</u>																																																											
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. Universitățile „Carol Davila” București 2006. ISBN 13: 978-973-708-025-7
- **Biofeedback-ul electromiografic - baze neurofiziopatologice și aplicația în recuperarea medicală.** Berteanu M. Ed. Universitățile „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, Roșu C, Berteanu M. . In **Managementul bolnavului critic.** Editori: Mircea Chiorean, Sanda-Maria Copotoiu, 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 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, Sørgeard 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 Căpăţână, 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.
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