



Europass Curriculum Vitae

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. UEMS PRM Board certified PRM specialist since 2005.

Work experience

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| 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 |

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|--------------------------------------|---|
| 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 |

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| 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

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| 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 |

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| 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 |

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| 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 |

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| 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

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

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.
- "Luliu Hatieganu" Award, conferred on December 15, 2011, by The Romanian Academy for "Tratat de reabilitare pulmonara", sub redactia 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: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.
- Brevet nr. A/00852 din 12.09.2014 - SISTEM MECATRONIC DE OSCILARE VERTICALA ALTERNATIVA A CENTURII PELVIENE
- Dispozitiv de posturare a antebrațului spastic în vederea injectării de toxină botulinică, cu numărul A01118/2018.

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:

- 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.
- 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, CEEEX 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. CEEEX-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:

- PN-III-CERC-CO-PTE-2-2019 "Sistem mecatronic pentru controlul centrului de masă la persoanele cu dizabilități locomotorii – CoMControl. Partner Project Director.
- Erasmus+ EAC/A03/2018. PAIR – "Physical Activity after knee or hip Replacement". Partner Project Director.
- AAL "CoachMyLife", aal-2018-5-120-CP (2019-2021). Partner Project 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 "Smart Intervention for Senior Isolation - SI4SI" aal-2020 (2021-2023)

Books:

- **"Kinetologie"** Tudor Sbenghe, Mihai Berceanu, 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 Berceanu, Luminita Dumitru, Alina Iliescu, Cristina Berceanu. Capitol in **Recomandări și Protocoale în Anestezie, Terapie Intensivă și Medicină de Urgență**, Sub Redactia: Săndesc D., Bedreag O., Păpurică M., Ed. Mirton, Timișoara, 2009, pag. 787-795
- **Fiziokinetoterapia in afecțiunile respiratorii.** Berceanu 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 pulmonara functionala.** Berceanu M, Iliescu A, Dumitru L, Berceanu 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 si deformatiile toracice.** Berceanu M, Dumitru L, Iliescu A, Berceanu C. Chapter in: **Tratat de Reabilitare Pulmonară**, sub redacția Tudorache VM, Ed. Mirton Timișoara 2009, p. 330-245. **ISBN: 978-973-52-0574-4**
- **Definitii. Concepte. Standarde.** Berceanu 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 specialitatii de medicina fizica si de reabilitare in Europa.** (traducerea in limba romana). Berceanu M. (coautor) *Editori: Gutenbrunner C, Ward A, Chamberlain MA. Ed. Universitara „Carol Davila” Bucuresti 2006.* **ISBN 13: 978-973-708-025-7**
- **Biofeedback-ul electromiografic - baze neurofiziopatologice si aplicatia in recuperarea medicala.** Berceanu M. *Ed. Universitara „Carol Davila” 2006.* **ISBN 13: 978-973-708-148-3**
- **Recuperarea Medicală - Probleme majore -curs pentru studenti medicina generala.** Berceanu M. *Ed. Universitară „Carol Davila” Bucuresti 2006.* **ISBN 13: 978-973-708-026-4.**
- **Traumatismele abdominale.** Berceanu C, Roiu C, Berceanu M. . In **Managementul bolnavului critic.** *Editori: Mircea Chiorean, Sanda-Maria Copotiu, Leonard Azamfirei. Ed. University Press-Targu Mures, Vol.3, p 519-571.* **ISBN 973-7788-84-2.**
- **Electromyography in Rheumatology.** Berceanu 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 Berceanu. 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 peiferici si investigatia EMG in afecțiunile ortopedico-traumatice.** Berceanu M. cap. III.32. In **Patologia Aparatului Locomotor.** *Sub red. Dinu Antonescu. Tratat, vol. 1. ed. Medicala. 2006. pag 755-763.* **ISBN 973-39-0559-3**
- **Semiologie Ortopedica.** *Coordonator: M. Nicolescu, autori: R. Radulescu, M. Berceanu (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.** Berceanu M (autor unic 1 capitol) . *Ed. Alma Mater. Bacău 2000.*
- **Metode paraclinice de evaluare a pacientului cu alungire de membre inferioare.** Berceanu M. In **Tratamentul inegalităților membrelor inferioare.** M. Nicolescu, G. Dinu, M. Berceanu, L. Ojoga, *Ed. Curtea Veche, 1999. p169-180.*
- **Efectele intinderii asupra tesuturilor in alungirile membrelor inferioare.** Berceanu M. In **Tratamentul inegalităților membrelor inferioare.** M. Nicolescu, G. Dinu, M. Berceanu, L. Ojoga. *Ed. Curtea Veche, 1999. p67-75.*
- **Electromiografia in studiul si evaluarea aparatului musculo-scheletic.** Berceanu M. **Bazele teoretice și practice ale kinetoterapiei.** Tudor Sbenghe. *Ed. Medicală 1999.* **ISBN 973-39-0377-9**

Relevant articles in ISI fulltext: international publications

- Savulescu SE, Berteau 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, Berteau 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
- Thompson DC, Barbu MG, Beiu C, Popa LG, Mihai MM, Berteau M, Popescu MN. The Impact of COVID-19 Pandemic on Long-Term Care Facilities Worldwide: An Overview on International Issues. *Biomed Res Int*. 2020;8870249. <https://www.hindawi.com/journals/bmri/2020/8870249/>
- Avram, Rodica Lucia; Nechita, Alexandru Cristian; Popescu, Marius Nicolae; Teodorescu, Matei; Ghilencea, Liviu Nicolae; Turcu, Diana; Berteau, 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. 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, Berteau M. *Rev. Chim.[internet]*. 2020 Feb;71(2):110-114. 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 Berteau, Marius Nicolae Popescu, *BioMed Research International*, vol. 2020, Article ID 8870249, 7 pages, 2020. <https://doi.org/10.1155/2020/8870249>
- "Development of an electronic assistive walking Device". Reynders-Frederix C, Reynders-Frederix P, Innocenti B, Berteau M. *Rom Biotechnol Lett*. 2020; 25(5): 1992-1997. doi: 10.25083/rbl/25.5/1992.1997
- "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, Berteau M, Maetzler W, Serrano JA. *JMIR Res Protoc* 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; Berteau, 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 Berteau, *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 Berteau, 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 Berteau. *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 Berteau. *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.); Carageorghopol, A (Carageorghopol, A.); Berteau, M (Berteau, 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. Berteau. *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., Berteau 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 Berteau, Ioan Gheorghe Totoianu, Maria Rotaru. *Revista Română de Medicină de Laborator* Vol. 24, Nr. 1, Martie, 2016. Pag.75-82
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Mihai Berteau