

## Lower Extremity

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### Recent Publications on Lower Extremity:



- [Surgical Treatment Assessment Using the Japanese Orthopedic Association Cervical Myelopathy Evaluation Questionnaire in Patients With Cervical Myelopathy: A New Outcome Measure for Cervical Myelopathy.](#)  
*STUDY DESIGN.: Prospective study of assessment of surgical results using a...* 21st November, 2009  
From the Department of Orthopaedic Surgery, Fukushima Medical University- Spine (Phila Pa 1976). 2009 Nov 1;34(23):2568-2572. ([DOI Direct Link](#))
- [Cervical Cord Injury in Patients With Ankylosed Spines: Progressive Paraplegia in Two Patients After Posterior Fusion Without Decompression.](#)  
*STUDY DESIGN.: Case report and clinical discussion. OBJECTIVE.: To...* 21st November, 2009  
From the \*Department of Orthopaedic Surgery, Kobe Red Cross Hospital,- Spine (Phila Pa 1976). 2009 Nov 1;34(23):E861-E863. ([DOI Direct Link](#))
- [Advances in growth plate modulation for lower extremity malalignment \(knock knees and bow legs\).](#)  
*PURPOSE OF REVIEW: Lower extremity angular deformities are among the most...* 21st November, 2009  
Hospital for Special Surgery, New York, New York, USA.- Curr Opin Pediatr. 2009 Nov 18. ([DOI Direct Link](#))
- [Isolated limb infusion with cytotoxic agents: A simplified approach for venous access.](#)  
*BACKGROUND.: Isolated limb infusion (ILI) of cytotoxic agents is a...* 20th November, 2009  
Department of Diagnostic Radiology, The University of Texas M. D. Anderson- Cancer. 2009 Nov 18. ([DOI Direct Link](#))
- [Outcome of Patients with a Positive Sentinel Lymph Node who do not Undergo Completion Lymphadenectomy.](#)  
*BACKGROUND: Completion lymph node dissection (CLND), although considered a...* 20th November, 2009  
Department of Surgery, Memorial Sloan-Kettering Cancer Center, New York,- Ann Surg Oncol. 2009 Nov 19. ([DOI Direct Link](#))
- [Ankle Muscle Activation When Using the Both Sides Utilized \(BOSU\) Balance Trainer.](#)  
*Laudner, KG and Koschnitzky, MM. Ankle muscle activation when using the...* 20th November, 2009  
Biomechanics Laboratory in the School of Kinesiology and Recreation,- J Strength Cond Res. 2009 Nov 17. ([DOI Direct Link](#))
- [Elevated International Normalized Ratio associated with concurrent use of sorafenib and warfarin.](#)  
*PURPOSE: The case of a patient who experienced elevated International...* 20th November, 2009  
Harris County Hospital District, Settegast Health Center Clinic, Houston,- Am J Health Syst Pharm.

- 2009 Dec 1;66(23):2123-2125. ([DOI Direct Link](#))
- [Reduced peripheral arterial blood flow with preserved cardiac output during submaximal bicycle exercise in elderly heart failure.](#)  
*ABSTRACT: BACKGROUND: Older heart failure (HF) patients exhibit exercise...*20th November, 2009  
 - J Cardiovasc Magn Reson. 2009 Nov 18;11(1):48. ([DOI Direct Link](#))
  - [Familial ALS with SOD1 mutation misdiagnosed with polyradiculopathy and myopathy.](#)  
*We report a 54-year-old male with progressive and asymmetrical lower...*20th November, 2009  
 Neuromuscular Center, Neurological Institute, Cleveland Clinic,- Amyotroph Lateral Scler. 2009;10(5-6):476-478.
  - [Ultrasound-aided unilateral epidural block for single lower-extremity pain.](#)  
*We report an ultrasound-aided unilateral epidural block, employed in two...*19th November, 2009  
 Department of Anesthesiology, Sapporo Medical University School of- J Anesth. 2009 Nov;23(4):605-608. Epub 2009 Nov 18. ([DOI Direct Link](#))
  - [Evidence of gender-specific motor templates to resist valgus loading at the knee.](#)  
*Gender differences in neuromuscular control of the lower extremity may...*18th November, 2009  
 Department of Biomedical Engineering, Northwestern University, Evanston,- Muscle Nerve. 2009 Nov 13. ([DOI Direct Link](#))
  - [Late rearfoot eversion and lower-limb internal rotation caused by changes in the interaction between forefoot and support surface.](#)  
*BACKGROUND: The influence of distal mechanical factors that change the...*18th November, 2009  
 Department of Physical Therapy, Universidade Federal de Minas Gerais, Belo- J Am Podiatr Med Assoc. 2009 Nov-Dec;99(6):503-11.
  - [Measuring balance, lower extremity strength and gait in the elderly: Construct validation of an instrument.](#)  
*The purpose of the study was to determine the degree to which scores of a...*17th November, 2009  
 FPCEE Blanquerna, Universitat Ramon Llull, Department of Physical Activity- Arch Gerontol Geriatr. 2009 Nov 13. ([DOI Direct Link](#))
  - [Effect of Intrathecal Baclofen Bolus Injection on Lower Extremity Joint Range of Motion During Gait in Patients With Acquired Brain Injury.](#)  
*Horn TS, Yablon SA, Chow JW, Lee JE, Stokic DS. Effect of intrathecal...*17th November, 2009  
 Center for Neuroscience and Neurological Recovery, Methodist- Arch Phys Med Rehabil. 2009 Nov 12. ([DOI Direct Link](#))
  - [The Italian version of the Lower Extremity Functional Scale was reliable, valid, and responsive.](#)  
*OBJECTIVE: To determine the measurement properties of an Italian Version...*17th November, 2009  
 Department of Physical Medicine and Rehabilitation, School of Medicine,- J Clin Epidemiol. 2009 Nov 11. ([DOI Direct Link](#))

## BioNews Results for Lower Extremity

- [Mechanosensitivity of the Lower Extremity Nervous System During Straight-Leg Raise Neurodynamic Testing in Healthy Individuals](#)  
*MDLinx: Nov 4 2009 10:30AM Matching: lower extremity*
- [Study Compares Lower Extremity PTA Among Physician Specialties](#)  
*TCTMD.com: Oct 30 2009 12:56PM Matching: lower extremity*
- [New Data Demonstrate Efficacy, Value of Smith & Nephew Advanced Wound Management Portfolio](#)  
*SmartBrief: Oct 23 2009 1:37AM Matching: lower extremity*
- [Medical News: GE Healthcare To Purchase Assets Of ONI Medical Systems, Inc., Provider Of World's Only High-Field Dedicated Extremity MRI Scanners](#)  
*Medical News Today: Oct 23 2009 9:36AM Matching: lower extremity*

- [New Data Demonstrate Efficacy, Value of Smith & Nephew Advanced Wound Management Portfolio](#)  
*Pharmacy Choice: Oct 22 2009 7:39PM Matching: lower extremity*
- [Smith & Nephew to present comprehensive portfolio of advanced wound management products at Annual Clinical Symposium](#)  
*News-Medical.Net: Oct 22 2009 12:35PM Matching: lower extremity*
- [Sensory and Motor Peripheral Nerve Function and Lower-Extremity Quadriceps Strength: The Health, Aging and Body Composition Study](#)  
*MDLinx: Oct 13 2009 1:36PM Matching: lower extremity*
- [\\$750,000 Grant Supports Research and Production of New Gripper for Upper-Extremity Amputees](#)  
*Yahoo! Canada: Oct 12 2009 4:33PM Matching: lower extremity*

## Lower Extremity Patents:



- 7585125- [Device for storing and dispensing a flowable product](#)
- 7597659- [Suprapatellar external counterpulsation apparatus](#)
- 7597710- [Implantable vascular device](#)
- 7597877- [Administering a gravity segregation dispersion by continuous infusion](#)
- 7600621- [High security device for capturing electric energy on the ground for supplying a landborne vehicle](#)
- 7600944- [Flood vent](#)
- 7601104- [Passive gravity-balanced assistive device for sit-to-stand tasks](#)
- 7601132- [Method and apparatus for applying traction to the spinal column](#)
- 7603798- [Self-adjusting snow plow](#)
- 7604185- [Generation of therapeutic microfoam](#)
- 7604287- [End formed roof ditch molding](#)
- 7597656- [Therapeutic exercise device](#)
- 7595313- [Nitric oxide donating diuretic compounds, compositions and methods of use](#)
- 7594935- [Prosthetic device contouring and alignment method and apparatus](#)
- 7585321- [Methods of implanting a prosthetic heart valve within a native heart valve](#)
- 7588518- [Method and apparatus for torque-controlled eccentric exercise training](#)
- 7589231- [Optimized liquid-phase oxidation](#)
- 7591044- [Hinge for furniture with a low thickness and improved structure](#)
- 7591222- [Compressing device for plastic bottles optimized for recycling machines](#)
- 7591763- [Portable convertible multifunction exercise apparatus and method](#)
- 7591798- [Ankle brace](#)
- 7593778- [Electrosurgical device with improved visibility](#)
- 7593918- [Enterprise medical imaging and information management system with enhanced communications capabilities](#)
- 7594879- [Rotary rehabilitation apparatus and method](#)
- 7604661- [Implantable vascular device](#)
- 7605387- [Radiation shield](#)
- 7613478- [Method and system for portability of clinical images using a high-quality display and portable device](#)
- 7614414- [Convertible crutches](#)

- 7614930- [Inflatable child activity center](#)
- 7614984- [Exercise methods and apparatus](#)
- 7617115- [System and method for risk-adjusting indicators of access and utilization based on metrics of distance and time](#)
- 7617661- [Tri-wheeled modular housing telescopic grass trimmer](#)
- 7617782- [Seed and fertilizer placement apparatus having double shoot seed boot](#)
- 7617883- [Fastening devices, method of manufacture, tool, and method of use](#)
- 7618451- [Patient selectable joint arthroplasty devices and surgical tools facilitating increased accuracy, speed and simplicity in performing total and partial joint arthroplasty](#)
- 7618658- [Anti-microbial agent and anti-microbial composition](#)
- 7612050- [Drug for the treatment of osteonecrosis and for the management of patients at risk of developing osteonecrosis](#)
- 7611543- [Prosthetic foot with tunable performance](#)
- 7611540- [Extra-articular implantable mechanical energy absorbing systems and implantation method](#)
- 7606614- [Prediction methods and apparatus](#)
- 7607460- [Coupling assembly](#)
- 7607610- [Ornithopter having a wing structure and a mechanism for imparting realistic, bird-like motion thereto](#)
- 7607820- [Stirring device for a paint pot, with modifiable functions, in a plastic material](#)
- 7610076- [Method for acquiring time-resolved MR images using continuous table motion](#)
- 7610096- [Methods for treating central nervous system damage](#)
- 7610192- [Process and system for high precision coding of free text documents against a standard lexicon](#)
- 7610802- [Device for measuring and monitoring the fractional load of orthopedic and surgical patients](#)
- 7611007- [Conveyer system with an offset bush](#)
- 7611208- [Methods for constructing underground borehole configurations and related solution mining methods](#)
- 7620560- [Computer-implemented method for grouping medical claims with clinically representative dynamic clean periods](#)

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