

# Contracture

[View the current Contracture InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Contracture.html) ([PDF](#))

(<http://www.bioportfolio.com/indepth/Contracture.html>) - Regularly Updated.

A contracture is a shortening of a muscle or tendon in the human body in response to stress exerted on that muscle or tendon. ([From the Wikipedia article Contracture](#).)

## Recent Publications on Contracture:



- [The Wide-Awake Approach to Dupuytren's Disease: Fasciectomy under Local Anesthetic with Epinephrine.](#)  
*The Wide-Awake Approach to Dupuytren's contracture involves fasciectomy...* 11th November, 2009  
Department of Plastic Surgery, Dalhousie University, Suite C204, 600 Main- Hand (N Y). 2009 Nov 10.  
([DOI Direct Link](#))
- [The use of standing frames for contracture management for nonmobile children with cerebral palsy.](#)  
*The objective of this study was to determine whether static weight-bearing...* 11th November, 2009  
Physical Rehabilitation, Novita Children's Services, South Australia,- Int J Rehabil Res. 2009  
Dec;32(4):316-23. ([DOI Direct Link](#))
- [Critical review of burn depth assessment techniques: Part I. Historical review.](#)  
*The assessment of burn depth, and as such, the estimation of whether a...* 10th November, 2009  
The Burn Center, Department of Surgery, Washington Hospital Center,- J Burn Care Res. 2009  
Nov-Dec;30(6):937-47. ([DOI Direct Link](#))
- [The potential roles of cell migration and extra-cellular matrix interactions in Dupuytren's disease progression and recurrence.](#)  
*Dupuytren's disease is a pathological condition of the palmar fascia...* 10th November, 2009  
Cell and Molecular Biology Laboratory, Hand and Upper Limb Centre,- Med Hypotheses. 2009 Nov 4. ([DOI Direct Link](#))
- [Three-step Orbitofacial Reconstruction after Extended Total Maxillectomy Using Free RAM Flap and Expanded Cervicofacial Flap with Cartilage Grafts.](#)  
*Facial defect after an extended total maxillectomy is one of the most...* 7th November, 2009  
Department of Plastic and Reconstructive Surgery, Fukushima Medical- J Plast Reconstr Aesthet Surg.  
2009 Nov 3. ([DOI Direct Link](#))
- [A mathematical model to improve on phenotyping for molecular genetic research in malignant hyperthermia.](#)  
*BACKGROUND: The in-vitro contracture test is the standard test to diagnose...* 6th November, 2009  
aDepartment of Anaesthesia, Division of Operative Critical Care, County- Pharmacogenet Genomics.  
2009 Nov 3. ([DOI Direct Link](#))
- [Simultaneous reconstruction of the burn neck contracture and the upper lip using the parascapular flap extending to the arm.](#)  
*BACKGROUND: The in-vitro contracture test is the standard test to diagnose...* 6th November, 2009

Department of Plastic and Reconstructive Surgery, Plastic Surgery- J Plast Reconstr Aesthet Surg. 2009 Nov 2. ([DOI Direct Link](#))

- [Toxicological evaluation of azumolene after repeated intraperitoneal administration in rats.](#)  
*Abstract We investigated the toxicity of azumolene (Az), a more...6th November, 2009*  
Programa de Desenvolvimento de Farmacos, Instituto de Ciencias Biomedicas,- Fundam Clin Pharmacol. 2009 Nov 3. ([DOI Direct Link](#))
- [Increased resistance to hydrogen peroxide-induced cardiac contracture is associated with decreased myocardial oxidative stress in hypothyroid rats.](#)  
*The purpose of this study was to determine whether decreased oxidative...4th November, 2009*  
Physiology Department, Basic Health Sciences Institute at Federal- Cell Biochem Funct. 2009 Nov 2. ([DOI Direct Link](#))
- [Inhibition of Arterial Myogenic Responses by a Mixed Aqueous Extract of Salvia Miltiorrhiza and Panax Notoginseng \(PASEL\) Showing Antihypertensive Effects.](#)  
*The dried roots of Danshen (Salvia miltiorrhiza) and Sanchi (Panax...4th November, 2009*  
Department of Physiology, Seoul National University College of Medicine,- Korean J Physiol Pharmacol. 2009 Aug;13(4):287-93. Epub 2009 Aug 31. ([DOI Direct Link](#))
- [Breast Conserving Surgery and Accelerated Partial Breast Irradiation After Prior Breast Radiation Therapy.](#)  
*OBJECTIVE:: Although mastectomy has been traditional treatment for breast...4th November, 2009*  
From the \*Department of Human Oncology, University of Wisconsin, School of- Am J Clin Oncol. 2009 Oct 30. ([DOI Direct Link](#))
- [A modified Z-plasty technique for severe tightness of the gluteus maximus.](#)  
*The majority of reports concern external snapping hips caused by the...4th November, 2009*  
Department of Orthopaedic Surgery, School of Medicine, Jeju National- Scand J Med Sci Sports. 2009 Oct 21. ([DOI Direct Link](#))
- [Ischaemia and the pink, pulseless hand complicating supracondylar fractures of the humerus in childhood: long-term follow-up.](#)  
*A series of 26 children was referred to our specialist unit with a 'pink...3rd November, 2009*  
Research and Education, South West London Elective Orthopaedic Centre,- J Bone Joint Surg Br. 2009 Nov;91(11):1487-92. ([DOI Direct Link](#))
- [\[Does digital percutaneous fasciotomy in Dupuytren's contracture provokes collateral nerves injuries? 25 cases.\]](#)  
*It is well known that percutaneous fasciotomy must not be realized at the...3rd November, 2009*  
SOS main Illkirch, CCOM, hopitaux universitaires de Strasbourg, 10, avenue- Ann Chir Plast Esthet. 2009 Oct 28. ([DOI Direct Link](#))
- [Clinical outcome and quality of life after computer-assisted total knee arthroplasty: results from a prospective, single-surgeon study and review of the literature.](#)  
*Despite excellent results, there is a lack of prospective studies...31st October, 2009*  
Department of Orthopaedics and Rheumatology, University Hospital Giessen- Musculoskelet Surg. 2009 Oct 30. ([DOI Direct Link](#))

## BioNews Results for Contracture

- [Hindfoot Alignment Valgus Moment Arm Increases in Adult Flatfoot With Achilles Tendon Contracture](#)  
*MDLinx: Nov 13 2009 10:56AM Matching: contracture*
- [Analysis of Upper Extremity Motion in Children After Axillary Burn Scar Contracture Release](#)  
*MDLinx: Oct 20 2009 11:33AM Matching: contracture*

## Contracture Clinical Trials:



- [Effects of Steroid Injection With Percutaneous Needle Aponeurotomy in Dupuytren's Contracture](#)

## Contracture Patents:



- 7473234- [Brace with worm gear](#)
- 7510725- [Process for producing a dura substitute](#)
- 7511036- [Dihydrothiazine prodrugs of thiazolium agents](#)
- 7511131- [Antisense modulation of apolipoprotein B expression](#)
- 7514401- [Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease](#)
- 7514460- [Benzazole analogues and uses thereof](#)
- 7516828- [Clutch disc](#)
- 7517330- [Ambulating knee joint](#)
- 7524294- [Arm lift flexion device](#)
- 7528152- [Hemiasterlin derivatives and uses thereof in the treatment of cancer](#)
- 7531003- [Wrist implant apparatus and method](#)
- 7510200- [Wheelchair](#)
- 7501130- [Methods for treating myofascial pain](#)
- 7501123- [Human G-protein chemokine receptor \(CCR5\) HDGMR10](#)
- 7476249- [Implantable prosthesis for positioning and supporting a breast implant](#)
- 7479121- [Orthotic apparatus and method for using same](#)
- 7479484- [Peptides and peptidomimetics having immune-modulating, anti-inflammatory, and anti-viral activity](#)
- 7481739- [Lower limb function training device](#)
- 7481782- [Movement facilitation device](#)
- 7488730- [N-\(1,2,3,4-tetrahydronaphthalen-1-yl\)-4-phenyl-1-piperazinealkylamide derivatives, and therapeutic use thereof as 5-HT<sub>2A</sub> receptor ligands](#)
- 7491169- [Ultrasonic apparatus and method to assess compartment syndrome](#)
- 7492268- [Human movement measurement system](#)
- 7494661- [Methods for using tetanus toxin for beneficial purposes in animals \(mammals\)](#)
- 7498299- [Procollagen \(III\) propeptides and related substances for treating fibrotic diseases](#)
- 7531517- [Inhibitors of cancer cell, T-cell and keratinocyte proliferation](#)
- 7531533- [6-Membered heterocyclic compound and use thereof](#)
- 7585840- [Use of osteoprotegerin for the treatment and/or prevention of fibrotic disease](#)
- 7585846- [Compounds for delivering amino acids or peptides with antioxidant activity into mitochondria and use thereof](#)
- 7585976- [Hemiasterlin derivatives and uses thereof](#)

- 7592304- [Metal-binding compounds and uses therefor](#)
- 7592314- [Use of VEGF and homologues to treat neuron disorders](#)
- 7596887- [Orthopedic corrective sandal or shoe](#)
- 7597666- [Access pressure ratio device and testing method](#)
- 7601335- [Pretreatment of a biological sample from an autoimmune disease subject](#)
- 7601745- [Heterocyclic NF-kB inhibitors](#)
- 7604599- [Systems and methods for using dynamic vascular assessment to improve vascular stent placement, application, design and marketing](#)
- 7579168- [Human Dickkopf-related nucleic acid molecules](#)
- 7576090- [Benzazole analogues and uses thereof](#)
- 7576051- [Wound dressing for accelerating epidermal regeneration](#)
- 7537577- [Low-profile, radial nerve splint with interchangeable resilient digit extensor elements and supination adjustment means](#)
- 7541149- [Monoclonal antibody and assay for detecting PIINP](#)
- 7547289- [Shoulder extension control device](#)
- 7547290- [Orthotic device](#)
- 7547435- [Pharmacological vitreolysis](#)
- 7550569- [Antibodies that specifically bind to GMAD](#)
- 7553289- [Method, apparatus, and system for bracing a knee](#)
- 7566311- [Device for rehabilitation of individuals experiencing loss of skeletal joint motor control with passive range-of-motion pivoting mechanism and vibrator system](#)
- 7566446- [Wound healing and treatment of fibrosis](#)
- 7569076- [Bladder reconstruction](#)
- 7612111- [Esterified fatty acid composition](#)

\*\*\*

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road, Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2009 - BioPortfolio Limited.

