

Muscle Cramp

[View the current Muscle Cramp InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Muscle_Cramp.html) (PDF)
(http://www.bioportfolio.com/indepth/Muscle_Cramp.html) - Regularly Updated.



Recent Publications on Muscle Cramp:

- [A patient with episodic ataxia and paramyotonia congenita due to mutations in KCNA1 and SCN4A.](#)
*OBJECTIVE: To systematically review evidence bearing on the management of...*17th November, 2009
Medical Research Council Centre for Neuromuscular Disease, Queen Square,- Neurology. 2009 Sep 22;73(12):993-5. ([DOI Direct Link](#))
- [Elicitability of muscle cramps in different leg and foot muscles.](#)
*To explore the efficacy of muscle motor point stimulation in eliciting...*17th November, 2009
Division of Endocrinology and Metabolism, Department of Internal Medicine,- Muscle Nerve. 2009 Oct;40(4):535-44. ([DOI Direct Link](#))
- [Quinine-responsive muscle cramps in X-linked bulbospinal muscular atrophy Kennedy.](#)
*Calf cramps are sudden, involuntary, painful contractions of part of or...*17th November, 2009
- J Neurol. 2009 Aug;256(8):1355-6. Epub 2009 Mar 22. ([DOI Direct Link](#))
- [Discharge properties of motor units of the abductor hallucis muscle during cramp contractions.](#)
*We analyzed individual motor units during electrically elicited cramp...*24th October, 2009
University of Turin, Molinette Hospital, Department of Internal Medicine,- J Neurophysiol. 2009 Sep;102(3):1890-901. Epub 2009 Jul 1. ([DOI Direct Link](#))
- [Peripheral cholinergic antagonist anisodamine counteracts cholinergic adverse effects and facilitates cognitive amelioration of rivastigmine.](#)
*Rivastigmine is a potent acetyl- and butyrylcholinesterase inhibitor...*17th September, 2009
Department of Pharmacology, Institute of Medical Sciences, Shanghai Jiao- J Neural Transm. 2009 Sep 12. ([DOI Direct Link](#))
- [Is it quinine TTP/HUS or quinine TMA? ADAMTS13 levels and implications for therapy.](#)
*Thrombocytopenia with or without microangiopathy following quinine is...*19th August, 2009
Department of Pathology and Laboratory Medicine, University of North- J Clin Apher. 2009;24(3):115-9. ([DOI Direct Link](#))
- [Muscle cramps are the commonest side effect of home parenteral nutrition.](#)
*BACKGROUND & AIMS: Complications resulting from home parenteral nutrition...*14th August, 2009
Department of Gastroenterology, Royal Hallamshire Hospital, Sheffield, UK.- Clin Nutr. 2009 Jun;28(3):351-4. Epub 2009 Mar 9. ([DOI Direct Link](#))
- [Leg cramps and restless legs syndrome during pregnancy.](#)
*Sleep disturbance during pregnancy can result in excessive daytime...*23rd July, 2009
College of Nursing, University of Colorado Denver, 1743 Verbena- J Midwifery Womens Health. 2009 May-Jun;54(3):211-8. ([DOI Direct Link](#))

- [\[Late-onset sarcoglycanopathy: a cause of repeated muscle cramps after exertion\]](#)
A 61-year-old man in generally good health had a 2-year history of...1st July, 2009
Department of Neurology, Miyazaki Prefectural Hospital of Nobeoka.- Rinsho Shinkeigaku. 2009 Apr;49(4):167-71.
- [\[Botulinum toxin useful against writer's cramp\]](#)
Calf cramps are sudden, involuntary, painful contractions of part of or...6th June, 2009
Academisch Medisch Centrum Amsterdam, afd. Neurologie en Klinische- Ned Tijdschr Geneeskd. 2009 Jan 24;153(4):118-23.
- [\[Muscle cramps--differential diagnosis and therapy\]](#)
Calf cramps are sudden, involuntary, painful contractions of part of or...23rd May, 2009
Kompetenzzentrum für Bewegungsstörungen, Paracelsusklinik Zwickau,- Med Monatsschr Pharm. 2009 Mar;32(3):80-6.
- [\[Recurrent cramping abdominal pain. What is going on in the large intestine?\]](#)
Calf cramps are sudden, involuntary, painful contractions of part of or...19th May, 2009
- MMW Fortschr Med. 2009 Jan 22;151(3-4):17.
- [\[Time and frequency domain analysis of surface myoelectric signals during electrically-elicited cramps.\]](#)
OBJECTIVES: To examine if different frequencies of electrical stimulation...9th May, 2009
Division of Endocrinology, Department of Internal Medicine, Molinette- Neurophysiol Clin. 2009 Feb;39(1):15-25. Epub 2008 Dec 6. ([DOI Direct Link](#))
- [\[Images in clinical medicine. Chvostek's sign and carpopedal spasm.\]](#)
Sleep disturbance during pregnancy can result in excessive daytime...8th May, 2009
Caritas St. Elizabeth's Medical Center-Tufts School of Medicine, Boston,- N Engl J Med. 2009 Apr 30;360(18):e24. ([DOI Direct Link](#))

Muscle Cramp Patents:



- 7618658- [Anti-microbial agent and anti-microbial composition](#)
- 5368532- [Treadmill having an automatic speed control system](#)
- 5152776- [Balloon inflation device](#)
- 5105490- [Apparatus for supporting the human body](#)
- 5050868- [Leg training machine for body builders](#)
- 4836535- [Upper body building machine](#)
- 4795149- [Lunge training machine for body builders](#)
- 4781373- [Leg stretching apparatus](#)
- 4665069- [Analgesic composition and method of relieving pain](#)
- 4521411- [Analgesic composition](#)
- 4456000- [Expandable occlusion apparatus](#)
- 4413989- [Expandable occlusion apparatus](#)
- 4263728- [Jogging shoe with adjustable shock absorbing system for the heel impact surface thereof](#)
- 4247098- [Dual cylinder hip exercising device](#)
- 4236712- [Standing calf exercise machine](#)
- 5439480- [Method of using a woven cloth to increase oxygen partial pressure in musculature](#)
- 5527259- [Magnetic field induction multi-pulse therapy](#)
- 7557142- [Therapeutic use of methionine to reduce the toxicity of platinum-containing anti-tumor](#)

[compounds](#)

- 7423065- [Therapeutic use of methionine-derivitives to reduce the toxicity of noise](#)
- 7155287- [Device for percutaneous nerve stimulation](#)
- 7077815- [Method for treating body tissue disease with acoustic waves](#)
- 7071230- [Therapeutic use of D-methionine to reduce the toxicity of noise](#)
- 6514540- [Therapeutic composition including plantain and aloe vera for treatment of arthritis and other afflictions](#)
- 6309675- [Therapeutic composition including plantain and aloe vera for treatment of arthritis and other afflictions](#)
- 6267336- [Computer work station \(elastic or movable\) arm rests](#)
- 6265386- [Therapeutic use of D-methionine to reduce the toxicity of ototoxic drugs, noise, and radiation](#)
- 6226552- [Neuromuscular electrical stimulation for preventing deep vein thrombosis](#)
- 5875945- [Attack repellent device and holder](#)
- 5759198- [Method and apparatus for treating and preventing leg cramps and other muscle contractions and sleep disorders](#)
- 5722915- [Movement training device with a crank](#)
- 5601514- [Swimming exercise device](#)
- 4019214- [Floating platform](#)

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.

