

Ischemic Contracture

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- [Ischemia enhances translocation of connexin43 and gap junction intercellular communication, thereby propagating contraction band necrosis after reperfusion.](#)
*BACKGROUND: In ischemia-reperfusion, contraction band necrosis (CBN) is...*6th November, 2009
Department of Forensic Medicine, Graduate School of Medicine, The- *Circ J.* 2009 Sep;73(9):1661-8.
Epub 2009 Jul 9.
- [Role of sarcoplasmic reticulum in mitochondrial permeability transition and cardiomyocyte death during reperfusion.](#)
*There is solid evidence that a sudden change in mitochondrial membrane...*9th October, 2009
Servicio de Cardiologia, Hospital Universitari Vall d'Hebron, 08035- *Am J Physiol Heart Circ Physiol.*
2009 Oct;297(4):H1281-9. Epub 2009 Aug ([DOI Direct Link](#))
- [Novel I-adenosine analogs as cardioprotective agents.](#)
*Two I-nucleosides, I-3'-amino-3'-deoxy-N(6)-dimethyladenosine (I-3'-ADMdA)...*9th October, 2009
Department of Pharmaceutical Sciences, College of Pharmacy, Medical- *Bioorg Med Chem.* 2009 Jul
15;17(14):5347-52. Epub 2008 Dec 14. ([DOI Direct Link](#))
- [Ulnar artery pseudoaneurysm after tension band wiring of an olecranon fracture resulting in Volkmann's ischemic contracture: A case report.](#)
*We reported a case of two 24-year-old and 17-year-old male patients with...*11th September, 2009
Department of Orthopedic Surgery, Korea University College of Medicine,- *J Shoulder Elbow Surg.*
2009 Sep 7. ([DOI Direct Link](#))
- [Plasma endothelin-1 level at the onset of ischemic ventricular fibrillation predicts resuscitation outcome.](#)
*BACKGROUND: Endogenous vasopressors, including endothelin-1 (ET-1), have...*26th June, 2009
Department of Medicine, Division of Cardiology, Harbor-UCLA Medical- *Resuscitation.* 2009
May;80(5):580-3. Epub 2009 Apr 10. ([DOI Direct Link](#))
- [Salvage of compartment syndrome of the leg and foot.](#)
*Early diagnosis and treatment of compartment syndrome of the leg or foot...*4th March, 2009
Drexel College of Medicine, Department of Orthopaedic Surgery, 245 North- *Foot Ankle Clin.* 2008
Dec;13(4):767-72. ([DOI Direct Link](#))
- [\[Review of Volkmann's ischaemic contracture\]](#)
*The author calls the attention, with reference to the four cases observed...*26th February, 2009

Veszprem Megyei Csolnoky Ferenc Korhaz-Rendelointezet, Baleseti Sebeszeti- Orv Hetil. 2009 Jan 4;150(1):11-7. ([DOI Direct Link](#))

- [Ischemic contracture of deep posterior compartment of the leg following isolated ankle fracture.](#)
*Compartment syndromes and ischemic contractures after ankle fractures are...*28th January, 2009
Department of Orthopaedic Surgery, "San Cecilio" University Hospital,- J Am Podiatr Med Assoc. 2008 Sep-Oct;98(5):404-7.
- [Volkman sign of non-ischaemic origin.](#)
*This paper presents six cases who had a contracture of the long flexor...*28th January, 2009
Maulana Azad Medical College and associated LN Hospital, N. Delhi, India.- J Hand Surg Eur Vol. 2008 Aug;33(4):462-4. ([DOI Direct Link](#))
- [Metformin protects the ischemic heart by the Akt-mediated inhibition of mitochondrial permeability transition pore opening.](#)
*BACKGROUND: In the majority of studies, metformin has been demonstrated to...*10th January, 2009
The Hatter Cardiovascular Institute, University College London Hospitals,- Basic Res Cardiol. 2008 May;103(3):274-84. Epub 2007 Dec 13. ([DOI Direct Link](#))
- [Tibial compartment syndrome and the cavovarus foot.](#)
*Compartment syndrome of the leg is an orthopedic emergency that requires a...*11th October, 2008
Orthopaedic Associates of Grand Rapids, P.C., Foot and Ankle Division,- Foot Ankle Clin. 2008 Jun;13(2):275-305, vii. ([DOI Direct Link](#))
- [The effects of diazepam in cardio depressant concentration on the function of isolated rat heart in ischemia-reperfusion.](#)
*OBJECTIVE: To investigate the effects of cardio depressant concentration...*27th September, 2008
Department of Physiology, School of Medicine, Kermanshah University of- Saudi Med J. 2008 Jun;29(6):847-53.
- [Congenital Volkmann ischemic contracture: a case report.](#)
*Congenital Volkmann ischemic contracture is a rare condition in which a...*30th August, 2008
Baylor College of Medicine, Houston, Texas 77030, USA.- Pediatr Dermatol. 2008 May-Jun;25(3):352-4. ([DOI Direct Link](#))
- [Modified Colzi method in the management of established Volkmann contracture--the experience of Trzebnica Limb Replantation Center \(preliminary report\).](#)
*BACKGROUND: "The terrible disability of irreversible ischaemic flexion..."*25th June, 2008
Limb Replantation Division, St. Hedwig (Sw. Jadwiga) Hospital, Trzebnica,- Ortop Traumatol Rehabil. 2008 Jan-Feb;10(1):12-25.

Ischemic Contracture Patents:



- 7592304- [Metal-binding compounds and uses therefor](#)
- 6858000- [Device for treating tissues with an electromagnetic field](#)
- 6759386- [Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease](#)
- 6743181- [System and method for measuring ventricular function](#)
- 6692520- [Systems and methods for imbedded intramuscular implants](#)
- 6531469- [Substituted 1-\(4-piperidyl\)-3-\(aryl\) isothioureas their preparation and their therapeutic application](#)

- 5972894- [Peptides having potassium channel opener activity](#)
- 5428039- [Method for electively achieving reversible hyperpolarized cardiac arrest](#)
- 5407793- [An aqueous heart preservation and cardioplegia solution](#)
- 5095027- [Method for treating reperfusion injury employing L-2-oxothiazolidine-4-carboxylic acid](#)
- 4711248- [Physiological pressure monitor](#)
- 7091179- [Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease](#)
- 7153823- [Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease](#)
- 7166280- [Combination growth factor therapy and cell therapy for treatment of acute and chronic heart disease](#)
- 7585846- [Compounds for delivering amino acids or peptides with antioxidant activity into mitochondria and use thereof](#)
- 7514401- [Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease](#)
- 7491169- [Ultrasonic apparatus and method to assess compartment syndrome](#)
- 7423025- [L-nucleosides as ligands to adenosine receptors](#)
- 7390822- [Substituted 4-phenyl-4-\[1H-imidazol-2-yl\]-piperidine derivatives for reducing ischaemic damage](#)
- 7384918- [Botulinum toxin for treating muscle contracture](#)
- 7381186- [Method and apparatus to assess compartment syndrome](#)
- 7291597- [Growth factor therapy mobilization of stem cells into the peripheral blood](#)
- 7288521- [Growth factor therapy mobilization of stem cells into the peripheral blood](#)
- 7235267- [Brain cell or nerve cell-protecting agents comprising medicinal ginseng](#)
- 4314550- [Method of treating an arrested heart](#)

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