

Arthrogryposis

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Arthrogryposis, also known as Arthrogryposis Multiplex Congenita, is a rare congenital disorder that causes multiple joint contractures and is characterized by muscle weakness and fibrosis. It is a non-progressive disease. The disease derives its name from Greek, literally meaning 'curved or hooked joints'. There are many known subgroups of AMC, with differing signs, symptoms, causes etc.. In some cases, few joints may be affected and the range of motion may be nearly normal. In the most common type of arthrogryposis, hands, wrists, elbows, shoulders, hips, feet and knees are affected. In the most severe types, nearly every joint is involved, including the jaw and back. Frequently, the contractures are accompanied by muscle weakness, which further limits movement. AMC is typically symmetrical and involves all four extremities with some variation seen. ([From the Wikipedia article Arthrogryposis](#).)

Recent Publications on Arthrogryposis:



- [Review of perinatal management of arthrogryposis at a large UK teaching hospital serving a multiethnic population.](#)
*OBJECTIVE: To review the prevalence and perinatal management of cases of...*20th November, 2009
Department of Women's Perinatal and Sexual Health Services, University- Prenat Diagn. 2009 Nov 18.
([DOI Direct Link](#))
- [Spine deformities in rare congenital syndromes: clinical issues.](#)
*STUDY DESIGN: A focused review of the literature with regard to the...*17th November, 2009
Division of Orthopaedics, Children's Hospital of Philadelphia,- Spine (Phila Pa 1976). 2009 Aug
1;34(17):1815-27. ([DOI Direct Link](#))
- [Perosomus elumbis in a black and white German Holstein calf.](#)
*Perosomus elumbis is a rare congenital anomaly of unknown aetiology...*30th October, 2009
Institut für Tierzucht und Vererbungsforschung, Stiftung Tierärztliche- Berl Munch Tierärztl
Wochenschr. 2009 Sep-Oct;122(9-10):386-90.
- [Pediatric tethered cord syndrome: response of scoliosis to untethering procedures. Clinical article.](#)
*OBJECT: Tethered cord syndrome (TCS) is frequently associated with...*30th October, 2009
Department of Neurosurgery, Johns Hopkins Hospital, Baltimore, Maryland- J Neurosurg Pediatr. 2009
Sep;4(3):270-4. ([DOI Direct Link](#))
- [Stillborn infant with calcified chorionic epithelium, corneal scarring, and pericarditis.](#)
*This autopsy of a stillborn term infant revealed a constellation of...*22nd October, 2009
Department of Pathology, Kosair Children's Hospital, Louisville, KY- Fetal Pediatr Pathol.
2009;28(6):274-8.
- [Duplications of the critical Rubinstein-Taybi deletion region on chromosome 16p13.3 cause a novel recognizable syndrome.](#)
*The introduction of molecular karyotyping technologies facilitated the...*17th October, 2009

- 1 Center for Human Genetics, K.U.Leuven, Leuven, Belgium;- J Med Genet. 2009 Oct 14. ([DOI Direct Link](#))
- [Malignant hyperthermia, coexisting disorders, and enzymopathies: risks and management options.](#)
*Clinical episodes and abnormal laboratory tests compatible with a...*2nd October, 2009
Department of Anesthesiology, University of Wisconsin School of Medicine- Anesth Analg. 2009 Oct;109(4):1049-53. ([DOI Direct Link](#))
 - [Pelvic fixation of growing rods: comparison of constructs.](#)
*STUDY DESIGN: Retrospective review. OBJECTIVE: To analyze outcomes and...*23rd September, 2009
Department of Orthopedic Surgery, Johns Hopkins Medical Institutions,- Spine (Phila Pa 1976). 2009 Jul 15;34(16):1706-10. ([DOI Direct Link](#))
 - [The syndrome of perisylvian polymicrogyria with congenital arthrogryposis.](#)
*Background: Bilateral perisylvian polymicrogyria (BPP) is a...*16th September, 2009
Division of Epilepsy and Clinical Neurophysiology, Department of- Brain Dev. 2009 Sep 12. ([DOI Direct Link](#))
 - [Arthrogryposis multiplex congenita. Long-term follow-up from birth until skeletal maturity.](#)
*PURPOSE: The aim of this retrospective long-term study was to review and...*12th August, 2009
Universite de Lyon, Faculte Laennec, Hopital Femme-Mere-Enfant, 59,- J Child Orthop. 2009 Oct;3(5):383-90. Epub 2009 Aug 11. ([DOI Direct Link](#))
 - [Sonographic findings in a case of tetrasomy 9p associated with increased nuchal translucency and Dandy-Walker malformation.](#)
*We report a case of a 23-year-old pregnant woman, who underwent...*6th August, 2009
Fetal Medicine Unit, Department of Obstetrics, Fernandes Figueira- J Clin Ultrasound. 2009 Oct;37(8):471-4. ([DOI Direct Link](#))
 - [Rehabilitation of an adult patient with arthrogryposis multiplex congenita treated with an external fixator.](#)
*Arthrogryposis is a term used to describe the presence of multiple joint...*6th August, 2009
Department of Physical Medicine and Rehabilitation, Associacao de- Am J Phys Med Rehabil. 2009 May;88(5):431-4. ([DOI Direct Link](#))
 - [Arthrogryposis: a review and update.](#)
*Neonatal alloimmune thrombocytopenia (NAIT) is due to an immune-mediated...*29th July, 2009
Division of Genetic Medicine, Department of Pediatrics, University of- J Bone Joint Surg Am. 2009 Jul;91 Suppl 4:40-6. ([DOI Direct Link](#))
 - [Congenital diaphragmatic hernia with a pure duplication of chromosome 1q: report of the first surviving case.](#)
*Congenital diaphragmatic hernia (CDH) occurs in multiple malformation...*25th July, 2009
Department of Gastrointestinal and Pediatric Surgery, Mie University- Pediatr Surg Int. 2009 Sep;25(9):827-31. Epub 2009 Jul 24. ([DOI Direct Link](#))
 - [Cerebellar loss and brainstem atrophy associated with neonatal alloimmune thrombocytopenia in a discordant twin.](#)
*Neonatal alloimmune thrombocytopenia (NAIT) is due to an immune-mediated...*11th July, 2009
- Pediatr Dev Pathol. 2009 Jul 9:1. ([DOI Direct Link](#))

Arthrogryposis Patents:



- 7557135- [Inhibitors of cytosolic phospholipase A.sub.2](#)
- 7037675- [Nucleic acid molecules encoding SIGIRR polypeptides](#)
- 7033752- [Spinal muscular atrophy diagnostic methods](#)
- 6992170- [Polypeptides and polynucleotides homologous to thymosin, ephrin a receptors, and fibromodulin](#)
- 6933310- [Therapeutic agent for amyotrophic lateral sclerosis \(ALS\)](#)
- 6911198- [Method and pharmaceutical composition for treating inflammation](#)
- 6855806- [Thymosin beta 10-like proteins and nucleic acids encoding same](#)
- 6576668- [Remedies for arthrosis deformans](#)
- 6455292- [Full-length serine protein kinase in brain and pancreas](#)
- 6213558- [Pelvic stabilization device](#)
- 6080577- [Survival motor neuron \(SMN\) gene: a gene for spinal muscular atrophy](#)
- 6027467- [Cervical orthosis](#)
- 5874535- [Human leptin receptor gene-related protein](#)
- 5466676- [Satellite cell proliferation in adult skeletal muscle](#)
- 4398857- [Self-feeding appliance](#)
- 7091315- [Protein HDPBQ71](#)
- 7094544- [Genetic test for the identification of carriers of complex vertebral malformations in cattle](#)
- 7101875- [Methods for treating arthritic disorders](#)
- 7537899- [Defects in periaxin associated with myelinopathies](#)
- 7534605- [CD44 polypeptides, polynucleotides encoding same, antibodies directed thereagainst and method of using same for diagnosing and treating inflammatory diseases](#)
- 7446171- [SIGIRR DNA and polypeptides](#)
- 7411051- [Antibodies to HDPPA04 polypeptide](#)
- 7368531- [Human secreted proteins](#)
- 7368527- [HADDE71 polypeptides](#)
- 7354575- [Method and pharmaceutical composition for treating inflammation](#)
- 7291461- [Methods for identifying small molecules that modulate premature translation termination and nonsense mRNA decay](#)
- 7273698- [Defects in periaxin associated with myelinopathies](#)
- 7267820- [Neurotransmission disorders](#)
- 7122345- [Nucleic acid encoding a NOVX13 polypeptide](#)
- 7112668- [Polypeptides and nucleic acids encoded thereby](#)
- 7108972- [Proteins, polynucleotides encoding them and methods of using the same](#)
- 7103923- [Head protector for infants, small children, senior citizens, adults or physically disabled individuals](#)
- 4136160- [Specific assay for active demyelination](#)

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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)

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