

Syndactyly

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Syndactyly is a condition where two or more digits are fused together. It occurs normally in some mammals, such as the siamang. It occurs as an unusual condition in humans. ([From the Wikipedia article Syndactyly](#).)



Recent Publications on Syndactyly:

- [Nephron-deficient Fvb mice develop rapidly progressive renal failure and heavy albuminuria involving excess glomerular GLUT1 and VEGF.](#)
*Reduced nephron numbers may predispose to renal failure. We hypothesized...*3rd February, 2010
Department of Medicine, University of Chicago, Chicago, IL, USA.- Lab Invest. 2010 Jan;90(1):83-97.
Epub 2009 Nov 16. ([DOI Direct Link](#))
- [\[Birth defects incidence in children from single and twin pregnancies in the Czech Republic--current data\]](#)
*AIM OF STUDY: An analysis of occurrence of birth defects in children from...*30th January, 2010
Oddeleni lekarske genetiky, Fakultni Thomayerova nemocnice, Praha.- Ceska Gynekol. 2009 Oct;74(5):369-82.
- [Cyclopia \(synophthalmia\) in Smith-Lemli-Opitz syndrome: First reported case and consideration of mechanism.](#)
*Here we present a 24-week fetus with Smith-Lemli-Opitz syndrome (SLOS),...*28th January, 2010
Department of Medical and Molecular Genetics, Indiana University,- Am J Med Genet C Semin Med Genet. 2010 Feb 15;154C(1):142-5. ([DOI Direct Link](#))
- [Cerebral and cerebellar white matter abnormalities with magnetic resonance imaging in a child with Feingold syndrome.](#)
*Feingold syndrome is a rare autosomal dominant condition that is...*28th January, 2010
Department of Radiology, Mayo Clinic Graduate School of Medical Education,- Am J Med Genet A. 2009 Dec;149A(12):2824-7. ([DOI Direct Link](#))
- [Delineation of a 1.65 Mb critical region for hemihyperplasia and digital anomalies on Xq25.](#)
*Duplications involving portions of the long arm of the X-chromosome can be...*27th January, 2010
Department of Molecular and Human Genetics, Baylor College of Medicine,- Am J Med Genet A. 2010 Feb;152A(2):453-8. ([DOI Direct Link](#))
- [A and B preaxial polydactyly with syndactyly of feet and hands in the same person--a case report.](#)
*Preaxial polydactyly of the hand is more common than postaxial polydactyly...*8th January, 2010
Department of General and Clinical Anatomy, Pomeranian Medical University,- Adv Med Sci. 2009;54(2):305-7. ([DOI Direct Link](#))
- [A novel DHCR7 mutation in a Smith-Lemli-Opitz syndrome infant presenting with neonatal cholestasis.](#)
*Smith-Lemli-Opitz syndrome (SLOS) is an autosomal recessive malformation...*7th January, 2010
Department of Pediatrics, Seoul National University College of Medicine,- J Korean Med Sci. 2010

- Jan;25(1):159-62. Epub 2009 Dec 26. ([DOI Direct Link](#))
- [Sculpturing digit shape by cell death.](#)
*Physiological cell death is a key mechanism that ensures appropriate...*31st December, 2009
Departamento de Anatomia y Biologia Celular, Universidad de- Apoptosis. 2009 Dec 30. ([DOI Direct Link](#))
 - [Syndactyly lethal: new mutation with multiple malformations occurring in Sprague Dawley rats.](#)
*We previously found newborns exhibiting syndactyly of both fore- and...*22nd December, 2009
Safety Research Division, Safety Research Institute for Chemical- Congenit Anom (Kyoto). 2009 Dec;49(4):262-8. ([DOI Direct Link](#))
 - [Distal femoral duplication and fibular agenesis associated with congenital cardiac defect.](#)
*We report a newborn, who had the congenital anomalies including...*17th December, 2009
Faculty of Medicine, Department of Pediatrics, Karadeniz Technical- Indian J Pediatr. 2009 Dec 11. ([DOI Direct Link](#))
 - [A novel nonsense mutation in CUL4B gene in three brothers with X-linked mental retardation syndrome.](#)
*Cabezas syndrome (MIM 300354) is a recently identified syndromic form of...*17th December, 2009
Department of Medical Genetics, Poznan University of Medical Sciences,- Clin Genet. 2010 Feb;77(2):141-4. Epub 2009 Dec 10. ([DOI Direct Link](#))
 - [ADAMTS metalloproteases generate active versican fragments that regulate interdigital web regression.](#)
*We show that combinatorial mouse alleles for the secreted metalloproteases...*16th December, 2009
Department of Biomedical Engineering, Lerner Research Institute,- Dev Cell. 2009 Nov;17(5):687-98. ([DOI Direct Link](#))
 - [Prenatal diagnosis of apert syndrome with cloverleaf skull deformity using ultrasound, fetal magnetic resonance imaging and genetic analysis.](#)
*Apert syndrome is characterized by craniosynostosis, midfacial hypoplasia...*27th November, 2009
Department of Obstetrics and Gynecology, Paracelsus Private Medical- Fetal Diagn Ther. 2010;27(1):51-6. Epub 2009 Nov 26. ([DOI Direct Link](#))
 - [Sudden death in a child with Carpenter Syndrome. Case report and literature review.](#)
*Carpenter syndrome (Acrocephalopolysyndactyly type II) is a rare disorder...*20th November, 2009
Department of Pathology and Laboratory Medicine, University of Kentucky- Forensic Sci Med Pathol. 2009 Dec;5(4):313-7. Epub 2009 Nov 19. ([DOI Direct Link](#))
 - [Role of Epiprofin, a zinc-finger transcription factor, in limb development.](#)
*The formation and maintenance of the apical ectodermal ridge (AER) is...*17th November, 2009
Departamento de Anatomia y Biologia Celular. Facultad de Medicina.- Dev Biol. 2010 Jan 15;337(2):363-74. Epub 2009 Nov 10. ([DOI Direct Link](#))

Syndactyly Clinical Trials:



- [Study of Skeletal Disorders and Short Stature](#)



Syndactyly Patents:

- 6303294- [Methods of detecting genetic deletions and mutations associated with Digeorge syndrome, Velocardiofacial syndrome, CHARGE association, conotruncal cardiac defect, and cleft palate and probes useful therefore](#)
- 6867216- [Inhibitors of hedgehog signal pathways, compositions and uses related thereto](#)
- 6902881- [Compounds and methods for regulating cell differentiation](#)
- 6908732- [Compounds and methods for regulating cell differentiation](#)
- 6908765- [Polypeptide--human SR splicing factor 52 and a polynucleotide encoding the same](#)
- 6933273- [Isolated laminin 10](#)
- 6946257- [Patched genes and uses related thereto](#)
- 7098196- [Regulators of the hedgehog pathway, compositions and uses related thereto](#)
- 7108972- [Proteins, polynucleotides encoding them and methods of using the same](#)
- 7169121- [Elastic dynamic immobilizer for fingers or toes](#)
- 7192583- [Methods for modulating bone mineralization](#)
- 6803453- [Antibodies associated with alterations in bone density](#)
- 6692435- [Devices to reduce onset of symptoms of median nerve entrapment, carpal tunnel syndrome, reduce tactile deficit of fingers, and increase identification of mass in breast and other self examinations](#)
- 6686388- [Regulators of the hedgehog pathway, compositions and uses related thereto](#)
- 6395511- [Nucleic acids encoding a novel family of TGF-.beta. binding proteins from humans](#)
- 6429354- [Patched genes and uses related thereto](#)
- 6451977- [Fused polypeptides](#)
- 6475739- [Methods for identifying genomic deletions](#)
- 6489445- [Polypeptides associated with alterations in bone density](#)
- 6495736- [Compositions and methods for increasing bone mineralization](#)
- 6508817- [Finger tissue expander](#)
- 6521814- [Use of ligands for treatment of diseases responsive to retinoids](#)
- 6551782- [Patched genes and uses related thereto](#)
- 6552016- [Mediators of hedgehog signaling pathways, compositions and uses related thereto](#)
- 7226902- [Ligands for TGF-beta binding proteins and uses thereof](#)
- 7250496- [Bioinformatically detectable group of novel regulatory genes and uses thereof](#)
- 7402434- [Splice choice antagonists as therapeutic agents](#)
- 7411051- [Antibodies to HDPPA04 polypeptide](#)
- 7465552- [Patched genes and uses related thereto](#)
- 7476661- [Regulators of the hedgehog pathway, compositions and uses related thereto](#)
- 7547286- [Method to reduce inflammation and tactile finger sensation deficit due to carpal tunnel syndrome or arthritis](#)
- 7572899- [Compositions and methods for increasing bone mineralization](#)
- 7578999- [Antibodies specific for sclerostin](#)
- 7611482- [Minimally-invasive smart devices](#)
- 7635231- [Writing assistance device](#)
- 7652043- [WNT pathway antagonists](#)
- 7390625- [Apoptosis-associated protein and use thereof](#)
- 7381409- [Antibodies specific for sclerostin and methods of screening and use therefor](#)
- 7368531- [Human secreted proteins](#)
- 7255856- [Lysyl oxidase-like 1 \(LOXL1\) and elastogenesis](#)

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- 7259245- [Anti-fused antibodies](#)
- 7291461- [Methods for identifying small molecules that modulate premature translation termination and nonsense mRNA decay](#)
- 7291626- [Inhibitors of hedgehog signaling pathways, compositions and uses related thereto](#)
- 7300929- [Mediators of hedgehog signaling pathways, compositions and uses related thereto](#)
- 7306911- [Methods for assessing risk for cardiac dysrhythmia in a human subject](#)
- 7359748- [Apparatus for total immersion photography](#)
- 7364876- [ADIP protein and use thereof](#)
- 7368527- [HADDE71 polypeptides](#)
- 7655674- [Modulators of hedgehog signaling pathways, compositions and uses related thereto](#)

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