

Synkinesis

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Synkinesis is the result from miswiring of nerves after trauma. This result is manifested through involuntary muscular movements accompanying voluntary movements. For example, voluntary smiling will induce an involuntary contraction of the eye muscles causing the eye to squint while you smile. ([From the Wikipedia article Synkinesis.](#))

Recent Publications on Synkinesis:



- [Interhemispheric interaction in the motor domain in children with cerebral palsy.](#)
BACKGROUND: The attention of pediatric specialists has been continuously... 11th November, 2009
Department of Physical Education, Kuban State Medical University,- Neurol India. 2009
Jul-Aug;57(4):411-7. ([DOI Direct Link](#))
- [Germline Mosaicism for KIF21A Mutation \(p.R954L\) Mimicking Recessive Inheritance for Congenital Fibrosis of the Extraocular Muscles.](#)
OBJECTIVE: To document the genotype for familial congenital fibrosis of... 10th November, 2009
Division of Pediatric Ophthalmology, King Khaled Eye Specialist Hospital,- Ophthalmology. 2009 Nov
4. ([DOI Direct Link](#))
- [Congenital trigemino-abducens synkinesis in a neonate.](#)
Congenital ocular synkinesis syndromes involve aberrant innervation of... 3rd November, 2009
Children's Hospital of Philadelphia and University of Pennsylvania,- J AAPOS. 2009 Aug;13(4):417-8. ([DOI Direct Link](#))
- [Improvement of respiratory compromise through abductor reinnervation and pacing in a patient with bilateral vocal fold impairment.](#)
OBJECTIVES/HYPOTHESIS.: To determine whether respiratory compromise from... 31st October, 2009
Department of Otolaryngology-Head and Neck Surgery , Case Western Reserve- Laryngoscope. 2009
Oct 29. ([DOI Direct Link](#))
- [Motor excess during movement: Overflow, mirroring, and synkinesis.](#)
OBJECTIVES/HYPOTHESIS.: To determine whether respiratory compromise from... 31st October, 2009
The Neuroscience Institute, Department of Neurology, Movement Disorders- Clin Neurophysiol. 2009
Oct 28. ([DOI Direct Link](#))
- [Recovery of facial movement and facial synkinesis in Bell's palsy patients.](#)
OBJECTIVE: We examined the relationship between the time course of... 14th October, 2009
Department of Otolaryngology, Faculty of Medicine, University of Tokyo,- Otol Neurotol. 2009
Aug;30(5):640-4. ([DOI Direct Link](#))
- [Antiviral treatment for Bell's palsy \(idiopathic facial paralysis\).](#)

*BACKGROUND: Antiviral agents against herpes simplex virus are widely used...*13th October, 2009
Centre for Primary Care and Population Research, Division of Clinical and- Cochrane Database Syst
Rev. 2009 Oct 7;(4):CD001869. ([DOI Direct Link](#))

- [Unilateral true vocal fold synkinesis presenting with airway obstruction.](#)
*OBJECTIVES: We present a case series of 10 patients with unilateral true...*9th October, 2009
Department of Otolaryngology-Head and Neck Surgery, Temple University- Ann Otol Rhinol Laryngol.
2009 Aug;118(8):587-91.
- [Facial nerve decompression for idiopathic Bell's palsy: report of 13 cases and literature review.](#)
*Introduction:The prognosis for cases of idiopathic facial palsy is usually...*3rd October, 2009
Department of Otolaryngology - Head and Neck Surgery, Pitie-Salpetriere- J Laryngol Otol. 2009 Oct
2:1-7. ([DOI Direct Link](#))
- [The Novel Concurrence of Noonan Syndrome and Bilateral Duane-Like Synkinesis.](#)
*A 9-year-old boy with Noonan syndrome was referred for evaluation of...*2nd October, 2009
- J Pediatr Ophthalmol Strabismus. 2009 Oct 2:1-4. doi: ([DOI Direct Link](#))
- [Marcus Gunn jaw winking with trigemino-oculomotor synkinesis of the inferior division of the oculomotor nerve.](#)
*Synkinetic aberrant innervation syndromes can involve abnormal movements...*22nd September, 2009
Department of Ophthalmology, North Shore-Long Island Jewish Health System,- J AAPOS. 2009
Jun;13(3):315-6. ([DOI Direct Link](#))
- [Abnormal motor reflexes and dormant facial motor neurons in rats with facial-facial anastomosis.](#)
*After facial nerve injury, some post-paralysis sequelae, such as...*18th September, 2009
Department of Otorhinolaryngology, Head and Neck Surgery, Union Hospital,- J Int Med Res. 2009
May-Jun;37(3):705-16.
- [Combined corticosteroid and antiviral treatment for Bell palsy: a systematic review and meta-analysis.](#)
*CONTEXT: New evidence has emerged regarding the use of corticosteroids and...*5th September,
2009
Department of Otolaryngology-Head and Neck Surgery, Sunnybrook Hospital,- JAMA. 2009 Sep
2;302(9):985-93. ([DOI Direct Link](#))
- [Levator Function Revisited; A two phase assessment of lid movement to better identify levator - superior rectus synkinesis.](#)
*AIM: To assess a 2 Phase method of recording levator function in order to...*21st August, 2009
United Kingdom;- Br J Ophthalmol. 2009 Aug 18. ([DOI Direct Link](#))
- [WITHDRAWN: Aciclovir or valaciclovir for Bell's palsy \(idiopathic facial paralysis\).](#)
*BACKGROUND: The most common disorder of the facial nerve is acute...*24th June, 2009
Department of Clinical Neurophysiology, National Hospital for Neurology- Cochrane Database Syst
Rev. 2009 Apr 15;(2):CD001869. ([DOI Direct Link](#))

Synkinesis Clinical Trials:



- [Study of Attention Deficit/Hyperactivity Disorder Using Transcranial Magnetic Stimulation](#)



Synkinesis Patents:

- 7537773- [Chemodenevating pharmaceutical as anti-inflammatory agent](#)
- 5148477- [Method and apparatus for detecting and quantifying motion of a body part](#)
- 5214711- [Method and apparatus for detecting and quantifying motion of a body part](#)
- 5482048- [System and method for measuring and quantitating facial movements](#)
- 5589183- [Method and apparatus for treatment of neurogenic diabetes mellitus, and other conditions](#)
- 5672149- [Clavicle bandage](#)
- 5824332- [Method and apparatus for treatment of neurogenic diabetes mellitus, and other conditions](#)
- 5962004- [Method and apparatus for treatment of neurogenic diabetes mellitus, and other conditions](#)
- 6191151- [Therapy for herpes neurological viral conditions utilizing 1,4-dihydropyridine calcium channel blockers](#)
- 6358917- [Cosmetic use of botulinum toxin for treatment of downturned mouth](#)
- 6447787- [Methods for enhancing wound healing](#)
- 7428001- [Materials and methods for simulating focal shifts in viewers using large depth of focus displays](#)
- 4459292- [Therapeutic compositions for the treatment of accommodation problems of the eye and method of using inosine monophosphate](#)

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