

# Stroboscopy

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## Recent Publications on Stroboscopy:



- [From stroboscope to dream machine: a history of flicker-induced hallucinations.](#)  
*When early neurophysiologists, like William Grey Walter (1910-1977),...*29th October, 2009  
Department of Neurology and Neurophysiology, Haga Teaching Hospital, The- Eur Neurol. 2009;62(5):316-20. Epub 2009 Sep 3. ([DOI Direct Link](#))
- [\[Anti-inflammatory therapy in the treatment of patients with chronic laryngitis\]](#)  
*Multiple system atrophy (MSA), a sporadic progressive synucleinopathy of...*21st October, 2009  
- Vestn Otorinolaringol. 2009;(4):63-5.
- [Optoelectronic holographic otoscope for measurement of nano-displacements in tympanic membranes.](#)  
*Current methodologies for characterizing tympanic membrane (TM) motion are...*23rd September, 2009  
Worcester Polytechnic Institute, Department of Mechanical Engineering and- J Biomed Opt. 2009 May-Jun;14(3):034023. ([DOI Direct Link](#))
- [Percutaneous corticosteroid injection for vocal fold polyp.](#)  
*OBJECTIVES: To evaluate the applicability and effectiveness of...*16th September, 2009  
Department of Otolaryngology, Taipei Veterans General Hospital, National- Arch Otolaryngol Head Neck Surg. 2009 Aug;135(8):776-80. ([DOI Direct Link](#))
- [The great debate: stroboscopy vs high- speed imaging for assessment of alaryngeal phonation.](#)  
*Assessment of total laryngectomy patients has always been problematic and...*2nd September, 2009  
Head and Neck Unit, Royal Marsden Hospital, 203 Fulham Road, London SW3- J Cancer Res Ther. 2009 Apr-Jun;5(2):121-3. ([DOI Direct Link](#))
- [Is electroglottography-based videostroboscopic assessment of post-laryngectomy prosthetic speech useful?](#)  
*OBJECTIVES: To use an electroglottography (EGG)-based videostroboscopy...*2nd September, 2009  
ENT and Head-Neck Surgery, Grant Medical College and Sir J. J. Group of- J Cancer Res Ther. 2009 Apr-Jun;5(2):85-92. ([DOI Direct Link](#))
- [Arytenoid adduction asymmetries in persons with and without voice disorders.](#)  
*Asymmetry of the arytenoid complex is considered when evaluating a patient...*28th August, 2009  
Department of Communication Sciences and Disorders, University of South- Logoped Phoniatr Vocol. 2009 Aug 26:1-7. ([DOI Direct Link](#))
- [\[Occupational dysphonia management in different countries of the European Union and throughout the world\]](#)  
*Teachers are significantly more likely to develop multiple voice problems...*21st August, 2009  
Instytut Medycyny Pracy im. prof. J. Nofera, Lodz, Klinika Audiologii i- Med Pr. 2009;60(2):151-8.
- [Development of guideline for rating the physical impairment of otolaryngologic field.](#)

- We develop a guideline for rating the physical impairment of...* 15th August, 2009  
 Department of Otolaryngology, College of Medicine, Hanyang University,- J Korean Med Sci. 2009  
 May;24 Suppl 2:S258-66. Epub 2009 May 31. ([DOI Direct Link](#))
- [Changing trends in the clinical features of laryngeal tuberculosis: a report of 19 cases.](#)  
*OBJECTIVE: This study was undertaken to evaluate the changing trends in...* 4th August, 2009  
 Department of Otolaryngology, The First Affiliated Hospital, College of- Int J Infect Dis. 2009 Jul 30. ([DOI Direct Link](#))
  - [What's new in differential diagnosis and treatment of hoarseness?](#)  
*PURPOSE: To review the literature published over the past year (2008)...* 4th August, 2009  
 Section of Otolaryngology, Department of Surgery, Yale University School- Curr Opin Otolaryngol Head  
 Neck Surg. 2009 Jun;17(3):209-15.
  - [Diagnosis of recurrent laryngeal nerve palsy after thyroidectomy: a systematic review.](#)  
*BACKGROUND: Recurrent laryngeal nerve palsy (RLNP) is a recognised...* 18th July, 2009  
 Department of Otolaryngology - Head and Neck Surgery, Guy's and St Thomas- Int J Clin Pract. 2009  
 Apr;63(4):624-9. ([DOI Direct Link](#))
  - [Site-directed spectroscopic probes of actomyosin structural dynamics.](#)  
*Spectroscopy of myosin and actin has entered a golden age. High-resolution...* 16th July, 2009  
 Department of Biochemistry, Molecular Biology, and Biophysics, University- Annu Rev Biophys.  
 2009;38:347-69. ([DOI Direct Link](#))
  - [Stroboscopic fluorescence lifetime imaging.](#)  
*We report a fluorescence lifetime imaging technique that uses the time...* 3rd June, 2009  
 School of Medicine, Swansea University, Singleton Park, Swansea, UK.- Opt Express. 2009 Mar  
 30;17(7):5205-16.
  - [Measuring voice outcomes: state of the science review.](#)  
*Researchers evaluating voice disorder interventions currently have a...* 21st May, 2009  
 Department of Otolaryngology-Head and Neck Surgery, Freeman Hospital,- J Laryngol Otol. 2009  
 Aug;123(8):823-9. Epub 2009 May 20. ([DOI Direct Link](#))

## Stroboscopy Patents:



- 7502558- [Illuminating system for camera](#)
- 5144225- [Methods and apparatus for acquiring data from intermittently failing circuits](#)
- 4952149- [Process and apparatus for taking a medical cast](#)
- 4922196- [Beam-blanking apparatus for stroboscopic electron beam instruments](#)
- 4868498- [Electronic angular measurement device](#)
- 4788495- [Method for the indirect identification of the intensity distribution of particle beam pulses generated in a particle beam measuring instrument](#)
- 4748382- [Electric circuit arrangement](#)
- 4721910- [High speed circuit measurements using photoemission sampling](#)
- 4713687- [Scan line type dynamic observation apparatus](#)
- 4686466- [Method for automatically setting the voltage resolution in particle beam measuring devices and apparatus for implementation thereof](#)
- 4623836- [Sampling method for fast potential determination in electron beam mensuration](#)
- 4486660- [Electron beam testing device for stroboscopic measurement of high-frequency, periodic](#)

[events](#)

- 4251777- [Method of and apparatus for time-stabilization of sampling pulses](#)
  - 4194143- [Power supply for flash lamp](#)
  - 5164664- [Method for the optical measurement of electrical potentials](#)
  - 5210487- [Double-gated integrating scheme for electron beam tester](#)
  - 7417555- [Device for visualization of information on a rotating visible surface](#)
  - 7271900- [Magneto-optical imaging method and device](#)
  - 6784971- [Digital projecting apparatus and method with asymmetrical stroboscopy](#)
  - 6734893- [Endoscopy illumination system for stroboscopy](#)
  - 6730019- [Endoscope with LED illumination](#)
  - 6317506- [Measuring the characteristics of oscillating motion](#)
  - 5990473- [Apparatus and method for sensing motion in a microelectro-mechanical system](#)
  - 5847832- [Moire topographic measurement](#)
  - 5734544- [Solid-state pulse generating apparatus and method particularly adapted for ion implantation](#)
  - 5714832- [Miniature grating device](#)
  - 5673999- [LCD backlighting method and apparatus using a xenon flash tube including drive circuit](#)
  - 5340316- [Synthesis-based speech training system](#)
  - 5253529- [Measurement of constituents of a centrifuged system by emission/reception of mechanical signals](#)
- [signals](#)
- 4071809- [Apparatus for synthesizing of colors](#)

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