

## Gait Analysis Laboratory

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### Contact Details:

Tel:

Fax:

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### United Kingdom

providing computer modeling, multicameratracking, bioengineering, motion analysis and assessment.

### Recent Publications by Gait Analysis Laboratory:



- [Response to Dr. Belthur's letter to the editor on the article: "Talonavicular joint arthrodesis for the treatment of pes planus valgus in older children and adolescents with cerebral palsy"](#)  
*The mouse ear swelling test (MEST) was developed in the early 1980s to...*20th October, 2009  
Gait Analysis Laboratory, Insituto de Ortopedia Infantil Roosevelt, Cra.- J Child Orthop. 2009 Oct 17. ([DOI Direct Link](#))
- [Ankle torque steadiness is related to muscle activation variability and coactivation in children with cerebral palsy.](#)  
*The aims of this study were to: (1) investigate the significance of muscle...*7th October, 2009  
Gait Analysis Laboratory, (section 247), Department of Orthopedic Surgery,- Muscle Nerve. 2009 Sep;40(3):402-10. ([DOI Direct Link](#))
- [Rehabilitation after hallux valgus surgery: importance of physical therapy to restore weight bearing of the first ray during the stance phase.](#)  
*BACKGROUND: Operative treatment of people with hallux valgus can yield...*15th September, 2009  
Gait Analysis Laboratory, Foot and Ankle Center Vienna, Alserstrasse- Phys Ther. 2009 Sep;89(9):934-45. Epub 2009 Jul 16. ([DOI Direct Link](#))
- [Intra-rater repeatability of the Oxford foot model in healthy children in different stages of the foot roll over process during gait.](#)  
*BACKGROUND: The repeatability of the Oxford foot model has been reported,...*14th August, 2009  
Gait Analysis Laboratory, Dept of Orthopedic Surgery, Hvidovre University- Gait Posture. 2009 Jul;30(1):118-21. Epub 2009 Apr 7. ([DOI Direct Link](#))

- [Dorsiflexor muscle-group thickness in children with cerebral palsy: Relation to cross-sectional area.](#)  
*If the thickness and cross-sectional area of the dorsiflexor muscle group...*15th July, 2009  
Gait Analysis Laboratory, Department of Orthopedic Surgery, Hvidovre- NeuroRehabilitation. 2009;24(4):299-306. ([DOI Direct Link](#))
- [Subclinical abnormal EMG activation of the gastrocnemii during gait analysis in restless legs syndrome: a preliminary report in 13 patients.](#)  
*OBJECTIVE: The purpose of this study was to detect the eventual presence...*11th July, 2009  
Gait Analysis Laboratory, Oasi Institute for Research on Mental- Sleep Med. 2009 Mar;10(3):312-6. Epub 2008 Aug 26. ([DOI Direct Link](#))
- [Test-retest reliability of a 1-min walk test in children with bilateral spastic cerebral palsy \(BSCP\).](#)  
*The test-retest reliability of a 1-min walk test at a child's maximum...*12th June, 2009  
Gait Analysis Laboratory, Musgrave Park Hospital, Stockman's Lane, Belfast- Gait Posture. 2009 Feb;29(2):267-9. Epub 2008 Nov 14. ([DOI Direct Link](#))
- [Talonavicular joint arthrodesis for the treatment of pes planus valgus in older children and adolescents with cerebral palsy.](#)  
*PURPOSE: The purpose of this report is to review our experience with...*25th March, 2009  
Gait Analysis Laboratory, Instituto de Ortopedia Infantil Roosevelt,- J Child Orthop. 2009 Jun;3(3):179-83. Epub 2009 Mar 24. ([DOI Direct Link](#))
- [Can clinical gait analysis guide the management of ambulant children with bilateral spastic cerebral palsy?](#)  
*BACKGROUND: The role of clinical gait analysis in the management of...*24th February, 2009  
One Small Step Gait Analysis Laboratory, Guy's Hospital, Guy's and St- J Pediatr Orthop. 2008 Dec;28(8):879-83. ([DOI Direct Link](#))
- [The Gross Motor Function Classification System--expanded and revised.](#)  
*The test-retest reliability of a 1-min walk test at a child's maximum...*7th February, 2009  
Gait Analysis Laboratory, Musgrave Park Hospital, Belfast, UK.- Dev Med Child Neurol. 2008 Oct;50(10):725. ([DOI Direct Link](#))
- [Assessment of torque-steadiness reliability at the ankle level in healthy young subjects: implications for cerebral palsy.](#)  
*It was the primary objective of this study to investigate whether...*19th December, 2008  
Gait Analysis Laboratory, Department of Orthopaedic Surgery, Hvidovre- Eur J Appl Physiol. 2008 Nov;104(4):609-15. Epub 2008 Jun 28. ([DOI Direct Link](#))
- [Foot medial longitudinal-arch deformation during quiet standing and gait in subjects with medial tibial stress syndrome.](#)  
*The objective of this study was to investigate (1) if subjects with medial...*5th June, 2008  
Gait Analysis Laboratory, Department of Orthopaedic Surgery, Department of- J Foot Ankle Surg. 2008 Mar-Apr;47(2):89-95. Epub 2008 Jan 16. ([DOI Direct Link](#))
- [Energy efficiency in gait, activity, participation, and health status in children with cerebral palsy.](#)  
*The aim of the study was to establish if a relationship exists between the...*23rd April, 2008  
Gait Analysis Laboratory, Belfast Health and Social Care Trust, Musgrave- Dev Med Child Neurol. 2008 Mar;50(3):204-10. Epub 2008 Jan 21. ([DOI Direct Link](#))
- [Calf muscle volume estimates: implications for botulinum toxin treatment?](#)  
*An optimal botulinum toxin dose may be related to the volume of the...*6th December, 2007  
Gait Analysis Laboratory, Department of Orthopedic Surgery, Hvidovre- Pediatr Neurol. 2007 Oct;37(4):263-9. ([DOI Direct Link](#))
- [Interobserver agreement of the Gross Motor Function Classification System in an ambulant population of children with cerebral palsy.](#)  
*Gross Motor Function Classification System (GMFCS) level was reported by...*19th August, 2007  
Gait Analysis Laboratory, Musgrave Park Hospital, Stockman's Lane,- Dev Med Child Neurol. 2007 Jul;49(7):528-33. ([DOI Direct Link](#))

## Press Releases on Gait Analysis Laboratory:

[Reportlinker Adds Power Wheelchair Market Shares, Strategies, and Forecasts, Worldwide, 2009 to 2015](#)

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## BioNews Results for Gait Analysis Laboratory



- [New collection of baby shoes with Sensory Response Technology](#)  
News-Medical.Net: Oct 9 2009 3:32AM Matching: gait analysis laboratory
- [Stride Rite Childrens Group launches collection of baby shoes with Sensory Response Technology](#)  
News-Medical.Net: Oct 8 2009 11:43AM Matching: gait analysis laboratory

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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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