

Jonathan C P Roos

BA(Hons) MB BChir MA PhD(Cantab) FRCOphth FEBO

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Prof Dr Dr Roos is a Cambridge, Harvard & Moorfields trained academic and consultant eye surgeon specialising in periocular cancer and lid surgery as well as high-volume cataract surgery. He is a fellow of the Royal College of Ophthalmologists and the European Board as well as a full member of the British, American and European Societies of Oculoplastic and Reconstructive Surgery (ESOPRS, ASOPRS & BOPSS). He has published in the leading major international academic journals including in the New England Journal, BMJ and the Lancet. His board exam score – taken a few years early – was the 2nd highest in Europe.

His clinical research has won prizes from the British Oculoplastic Surgical Society as well as the International Thyroid Eye Disease Society.

Jonathan is Swedish but grew up in Switzerland and Southern France. He trained at the University of Cambridge and was selected for its highly competitive combined MD/PhD programme. His thesis research, performed at both Cambridge and Harvard Universities, was recognized by awards from the American Society for Hematology, the American Neurological Association and the University of Cambridge's two-yearly Gedge Prize.

He has been an invited speaker for both the American Academy of Ophthalmology, ESOPRS, KKESH, RCO Congress, DOG amongst others, and will lecture as external Professor for the Mario Negri Institute's Masters programme in Bergamo. He has published in excess of 50 papers including in leading journals such as the BMJ, Lancet and NEJM and has authored book chapters on nasolacrimal duct obstructions with colleagues at Harvard. He has recently been invited to contribute chapter to the European oculoplastics society's textbook on aesthetics, filler complications, thyroid eye disease and surgery.

Jonathan is an "out-of-the-box" thinker and is passionate about the well-being of his patients, global sustainability and fairness: he has acted as both an OECD government and pharma industry advisor on orphan drug costs, artificial intelligence and rural African health care – all to promote equitable access to care. He has pioneered oculoplastic efforts to tackle climate change and operated with a Harvard surgical team in rural Uganda. He is a hands-on father, keen sailor and part of a circumnavigating race team.

Education

Aug 2019- Feb 2020 **Moorfields Eye Hospital**
Orbital & Lacrimal Surgical Fellowship. Preceptor: Prof Geoffrey Rose, DSc

- Feb 2019 – Aug 2020* **Cambridge University Hospitals & ESNEFT NHS Trusts**
Oculoplastic & Reconstructive Surgical Fellowship with focus on periocular skin cancer and Thyroid Eye Disease. Preceptor: Ms Rachna Murthy, FRCOphth
- Aug 2011 - Feb 2019* **General Medical Council Approved National UK Ophthalmology Residency**
Completion of Specialist Training – On GMC & Swedish Specialist Register
- Dec 2017* **Royal College of Ophthalmologists, Fellowship Examination**
FRCOphth awarded
- May 2016* **European Board of Ophthalmology, Fellowship Examination**
Prize for second highest overall score amongst >400 candidates. Paris, France
- Aug 2015-6* **University of Cambridge, Judge Business School & East of England Deanery**
Chief Resident Programme (mini-MBA) & Academic Clinical Fellow (2011-13)
- Jul 2013* **University of Cambridge, Department of Medicine**
PhD, Medicine, Cambridge, United Kingdom
- Jun 2009* **University of Cambridge, School of Clinical Medicine**
MB BChir, Medicine, Cambridge, United Kingdom
- Jun 2005* **University of Cambridge, Gonville & Caius College**
MA (Cantab) Cambridge, United Kingdom
- Jul 2001* **University of Cambridge, Gonville & Caius College**
Double First Class BA (Hons), Medicine & Natural Science Tripos: Pathology

Graduate Thesis

Jonathan C P Roos: *The molecular pathogenesis of the sphingolipidoses with particular reference to Gaucher's disease*. Degree: PhD, Supervisor: Professor Timothy M Cox, MD, MD, FRCP, FRCPath, FMedSci, University of Cambridge, Department of Medicine

Research Experience

- Aug 2018 – Feb 2020* **University of Cambridge, Department of Clinical Neurosciences**
Cambridge, United Kingdom
Visiting Researcher / Fellow to Dr Rachna Murthy
Clinical Research into Thyroid Eye Disease & Periocular Cancer
- 2016-2019* **Saint Erik's Eye Hospital, Nordic Oculoplastic Survey Study**
Stockholm, Sweden
Co-principal investigator
Study of the Nordic countries' management of nasolacrimal duct obstruction

- 2015-onwards **British Ophthalmic Surveillance Unit, Royal College of Ophthalmologists**
London, United Kingdom
Co-principal investigator
National study into the prevalence and outcome of emergency lateral canthotomy
- Jun 2014- Aug 2014 **University College London, Institute of Ophthalmology**
London, United Kingdom.
Visiting Research Fellow
Laboratory Investigations into the role of fibroblasts in Thyroid Eye Disease
- Aug 2011 – Aug 2014 **University of Cambridge, School of Clinical Medicine**
Cambridge, United Kingdom
NIHR Academic Clinical Fellow
Clinical Research into Thyroid Eye Disease
- Aug 2010 – Aug 2011 **University College London, National Hospital for Neurology and Neurosurgery**
Queen’s Square, London, United Kingdom
Academic Foundation Trainee
Research into Neurometabolic diseases
- Mar 2007 – Apr 2008 **Harvard Medical School, Department of Cell Biology & CBR Institute**
Boston, MA, United States.
Visiting Research Fellow
Research into perturbation of cytokinesis and actin dynamics by sphingolipids.
- Mar 2004 – Jul 2009 **University of Cambridge, Department of Medicine**
Cambridge, United Kingdom
MB PhD Student
Research into molecular pathogenesis of lysosomal storage disorders
- Aug 2000 – Jul 2001 **University of Cambridge, Department of Pathology**
Cambridge, United Kingdom
Undergraduate Medical Student
Research into immune response to infection with Schistosoma mansoni in an established population compared to a transient population in the Kenyan rift valley.

Employment History

- Feb 2020- Present **FaceRestoration Ltd**
Harley St, London, & Spire Hospital Cambridge, UK
Consultant Oculoplastic & Reconstructive Surgeon
- Aug 2019- Present **Aesthetic Clinical Training Academy**
Cambridge, UK
Consultant Surgeon & Anatomy Demonstrator
- Aug 2019 – Feb 2020 **Moorfields Eye Hospital NHS Foundation Trust**
London, UK
Senior Orbital, Lacrimal & Oculoplastic Fellow with Mr Daniel Ezra, Mr David Verity & Prof Geoffrey Rose

- Aug 2018-19 **East Suffolk & North Essex NHS Foundation Trust**
Ipswich UK
Oculoplastic & Reconstructive Surgery & Thyroid Eye Disease with Dr Rachna Murthy
- Dec 2017 **Ruharo Mission & Mbarara University of Science and Technology Hospital**
Mbarara, Uganda
Visiting Oculoplastic Surgeon with Dr Keith Waddell, FRCOphth. West African Retinoblastoma Service & Harvard/MEEI outreach team – Profs R Pineda & S Freitag
- Aug 2015-Aug 2018 & Aug 2012- Aug-2013 **Norfolk & Norwich University Hospital NHS Foundation Trust**
Norwich, United Kingdom
Chief Resident, Senior Registrar in Ophthalmology
- Aug 2014- Aug-2015 **Hinchingsbrooke Hospital NHS Trust & Circle Partnership**
Huntingdon, United Kingdom
Year 4 Ophthalmology Registrar
- Aug 2011- Aug 2014 **Cambridge University Hospitals NHS Foundation Trust**
Cambridge, United Kingdom
NIHR Academic Clinical Fellow in Ophthalmology and Year 1 & 3 Resident
- Aug 2010 – Aug 2011 **University College London Hospital NHS Foundation Trust**
London, United Kingdom
Year 2 Intern/Foundation Programme – General Medicine, Accident & Emergency, Metabolic Medicine
- Aug 2009-2010 **Barnet & Chase Farm Hospital NHS Trust**
London, United Kingdom
Year 1 Intern/Foundation Programme – Cardiology, General Surgery, Intensive Care & Anaesthetics
- Mar 2007 – Apr 2008 **Harvard Medical School, Department of Cell Biology & CBR Institute**
Boston, MA, United States.
Visiting Research Fellow
- 2001-2009 **University of Cambridge, Department of Medicine**
Cambridge, United Kingdom
Combined MB BChir PhD Programme

Licensure

General Medical Council, United Kingdom

Full Registration with License to Practice # 7045910

On Specialist Register: Ophthalmology since 2019

Medical & Dental Practitioners Council, Republic of Uganda

License to Practice Medicine, Serial # 0580 (2017-18)

Swedish National Board of Health & Welfare, Sweden

Swedish License to Practice as Doctor of Medicine since 2017

ResearchGate Statistics

<i>Publications</i>	52	<i>Article Reads</i>	>7830	<i>RG Score</i>	36.39 (95 th centile)
<i>Citations</i>	476	<i>h-index</i>	13		

Awards, Grants & Honors

- 2020 Invited speaker on History of Trachoma in Egypt, Royal Society of Medicine, London, UK
- 2020 Invited Speaker on Climate Change, German Ophth Society (DOG), Berlin, Germany
- 2020 Invited Speaker on Thyroid Eye Disease, British Thyroid Foundation, UK
- 2020 Grant for Research on Wound Repair & Scar-Less wound healing, Allergan Ltd
- 2020 Invited Speaker on Facial Aesthetics, King Khaled Eye Hospital, El-Riyadh, Saud Arabia
- 2020 Invited Speaker on Thyroid Eye Disease, Poland
- 2019 Invited Speaker, Subspecialty Day, American Academy of Ophthalmology, San Francisco, USA Topic: Thyroid Eye Disease
- 2019 Plenary Lecturer, Climate Change, ESOPRS Annual Meeting, Hamburg, Germany
- 2019 Annual Publication Award, British Oculoplastic Surgical Society, Nottingham, UK
- 2019 Best Oral Presentation, International Thyroid Eye Disease Society, Singapore
- 2016 FEBO Award for second highest score on European Board of Ophthalmology Exam
- 2015 The Richard Collin Scholarship from the British Oculoplastic Surgical Society
- 2015 Cambridge Eye Trust Grant for national BOSU study
- 2014 Helen Manuel Foundation and UK Gaucher Association Grants
- 2011 Academic Clinical Fellowship, NIHR
- 2006 Merit Based Travel Award, American Society for Hematology
- 2006-8 Biennial Gedge Prize for Physiology, University of Cambridge
- 2005 Medical Student Poster Prize, American Neurological Association
- 2008 Sabbatical Studentship: Royal College of Physicians
- 2006 E.G. Fearnside's Award for Brain Research, University of Cambridge
- 2006 James Baird Scholarship, University of Cambridge Clinical School
- 2002-5 Isaac Newton Trust Research Studentship, University of Cambridge
- 2002-5 Cambridge European Trust Studentship, University of Cambridge
- 2002-5 Jean Shanks Foundation Scholarship
- 2005 Avrith Prize, Gonville & Caius College, Cambridge
- 2001 Michel Scholarship for Medicine, Gonville & Caius College, Cambridge
- 1998 Harvard Book Prize, Harvard University Alumni Association

Skills & Activities

- Skills* Periocular skin cancer and reconstructive surgery, Thyroid Eye Disease, Lacrimal Surgery, Orbital Surgery, Cataract Surgery, Ethics, Orphan Drug Production, Orphan Drug Legislation, Resource Allocation, Drug Pricing.
- Languages* German (fluent), Swiss-German (fluent), English (fluent), Swedish (fluent), French (working proficiency), and some very slowly improving yet still stubbornly minimal Finnish!
- Memberships* Int'l Member, American Society of Ophthalmic Plastic & Reconstructive Surgery ASOPRS
Full Member, British Oculoplastic Surgical Society BOPSS
Fellow, International Thyroid Eye Disease Society ITEDS
Full Member, European Society of Oculoplastic and Reconstructive Surgery ESOPRS
Co-President of Y(oung)ESOPRS 2017-9
Member, The Nordic Society of Oculoplastic and Reconstructive Surgeons NOSOPRS
Fellow of the European Board of Ophthalmology FEBO
Fellow of the Royal College of Ophthalmologists FRCOphth
The Harvard Club of Boston & The Harvard Club of the United Kingdom
The Caius Medical Association
Coastal Skipper License, The Royal Yachting Association
Article 40 Certificate, The Royal Yachting Association
Divemaster, Professional Association of Diving Instructors
- Interests* My family in the main but with particular reference to Sailing, Cycling, Lavender, Balaenoptera, Frost, Reading about Natural History and Civilisation.
- Family* Swedish Citizen. Married to a lawyer of Finnish origin with Higher Rights of Audience, UK Supreme Court (Civil). We have two little sons

Teaching & Supervision

- Dec 2019- onwards* **Course Director - Aesthetic Clinical Training Academy**
Cambridge University Hospitals NHS Foundation Trust, Cambridge, UK
- Dec 2019- onwards* **External Professor - Masters in Pharmaceutical Medicine Programme.**
Milano University & Mario Negri Institute Bergamo, Italy.
- May 2019* **Instructor on Orbital Trauma Surgery Course "Step-by-Step Surgery"**
St George's Hospital, London, UK
- Sept 2018* **Instructor on Regional Ocular Trauma Course**
East of England Deanery, UK
- Dec 2017* **Mbarara University of Science & Technology, Oculoplastics Teaching**
Mbarara, Uganda
- April 2016* **Teach the Teachers Course Certificate**
Oxford Medical, London
- June 2013* **Assistant Lecturer to Medical Undergraduates**

School of Medicine, University of East Anglia. Supervisor: Bijan Beigi MD

- 2004 – 2006 **Histopathology Practical Demonstrator**
Department of Pathology University of Cambridge
- 2005 – 2006 **Pathology Undergraduate Supervision**
Trinity College, University of Cambridge
- 2004-2006 **Supervisor for Revision classes in Histopathology**
University of Cambridge (more than 10 Cambridge Colleges)
- 2004 – 2006 **Physiology Undergraduate Supervision,**
Trinity Hall, University of Cambridge

Course Attendance

- Bond Solon Expert Witness Report Writing Course 2020
- Allergan Spark & Mauricio DeMaio Aesthetics Course 2020
- HealthXChange Obagi Products Course 2020
- MD Andersen/ Moorfields Periocular skin cancer course, London, 2019
- Barcelona Oculoplastics Surgical Training Course, 2019
- MD Codes Foundation programme course, London, 2019
- International Clinical Masters in Ageing Science, Paris, 2019
- East Anglian Oculoplastic Course, UEA, 2018
- East Anglian Lacrimal & Orbital Surgery course, UEA, 2018
- Harvard Medical School Orbital Dissection Course, 2017
- Wills Eye Hospital 41st Annual Ophthalmology Review Course, Philadelphia, 2017
- Harvard Medical School Orbital Fracture Course, 2016
- Teach the Teachers, Oxford Medical, London 2016
- Chief Resident Programme, Cambridge University Health Partners & Judge Business School
- Introduction to Good Clinical Practice eLearning for Secondary Care, NIHR, 2015
- Osler Institute Ophthalmology Review Course, Danvers, 2015
- Oxford Medical Communication Skills Course, London, 2015
- Annual Refresher Course Basic Life Support NNUH Aug 2015
- Royal College of Ophthalmologists Paediatric Ophthalmology Course 2015 London
- Ipswich Lacrimal Course, Ipswich, 2013
- Advanced Trauma Life Support- Cambridge, 2018
- Certificate in Radiation Safety, Harvard Medical School, 2008
- Home Office Animal License Course, University of Cambridge, 2004
- International Postgraduate Course on Lysosomal Storage disorders 2004

Positions of Responsibility

2020-ongoing Paid adviser to Astra Zeneca Ltd on global eye health and artificial intelligence

- 2013-ongoing Reviewer for leading journals including Orbit, Eye, BMJ, TVST (ARVO)
- 2020 Co-organiser & Faculty, Oculoplastics Subspecialty Session at the Royal College of Ophthalmologists' Annual Meeting, Birmingham
- 2019 Faculty, American Academy of Ophthalmology, Oculoplastics Subspecialty Day, San Francisco
- 2019 Faculty, European Society of Oculoplastic and Reconstructive Surgery Annual Meeting in Hamburg
- 2017- 2019 Co-President of the Young European Society of Oculoplastic and Reconstructive Surgery
- 2017-2018 Representative for the East of England to the Royal College of Ophthalmologists' Ophthalmic Trainees' Group
- 2016 Advisor to a North American state's judicial review of orphan drug pricing
- 2015-16 Chief Resident for Ophthalmology, Norfolk & Norwich University Hospital
- 2015-present Co-Principal investigator on UK-wide study through British Ophthalmic Surveillance Unit
- 2015-2016 Contributor to Eye News journal
- 2007-present Peer reviewer for various journals including, TVST, Cutaneous & Ocular Toxicology, Orbit, Orphanet, Pharmaceutical Medicine
- 2007 Plenary Lecturer for the Journée Française pour la maladie de Gaucher. Invited by the Comité Scientifique. Title: Nouvelles Approches Thérapeutiques pour la maladie de Gaucher. Paris, France
- 2007 Academic Grant Reviewer, Health Research Council of New Zealand
- 2006 Member of the Working Party on MB/PhD programmes. Academy of Medical Sciences. Chairman: Prof Mike Spyer
- 2006 Faculty member, Conference on Management of Lysosomal Storage disorders, Budapest, Hungary.

Publications

1. Murthy R & Roos JCP. *Sensitive cilia – eyelashes in health and disease*. The PMFA Journal 2020;8(1):11-14 & Eye News Magazine 2020;27(3):6-11
2. Murthy R & Roos JCP. *Understanding Eyelashes*. Aesthetics Journal. 2020;7(11):29-33
3. Roos JCP, Eglitis V, Murthy R. *Inhibition of fibrotic contraction by Sirolimus (Rapamycin) in an ex vivo model of Thyroid Eye Disease*. Ophthalmic Plastic and Reconstructive Surgery. 2020 Nov 4. doi: 10.1097
4. Roos JC, Hyry HI, Murthy R. *Teprotumumab for the treatment of Active Thyroid Eye disease*. New England Journal of Medicine 2020 05;382(20):1959.
5. Roos JCP, Murthy R. *Update on the clinical assessment and management of thyroid eye disease*.

- Curr Opin Ophthalmol. 2019;30(5):401-406.
6. Murthy R, Roos JCP, Goldberg RA. *Periocular hyaluronic acid fillers: applications, implications, complications*. Curr Opin Ophthalmol. 2019;30(5):395-400.
 7. Bohman E, Roos JCP, Dafgard Kopp E. *The first large pan-Nordic survey of the management of acquired lacrimal drainage obstruction in adults*. Clin Exp Ophthalmol 2019; 10(2): 79-87.
 8. Roos JCP, Murthy R. *Sirolimus (Rapamycin) for the targeted treatment of the fibrotic sequelae of Graves' orbitopathy*. Eye (Lond). 2019; 33(4):679-682.
 9. Winter AW, Salimi A, Ospina LH, Roos JCP. *Ophthalmic manifestations of Gaucher disease: the most common lysosomal storage disorder*. Br J Ophthalmol. 2019; 103(3):315-326.
 10. Roos JCP, Murthy R. *Comment on: A British Ophthalmic Surveillance Unit (BOSU) study into dysthyroid optic neuropathy in the United Kingdom*. Eye (Lond). 2019 ;33(2):327-342.
 11. Das T, Roos JCP, Patterson AJ, Graves MJ, Murthy R. *T2-relaxation mapping and fat fraction assessment to objectively quantify clinical activity in thyroid eye disease: an initial feasibility study*. Eye (Lond). 2019; 33(2):235-243.
 12. Roos JCP, Moran C, Chatterjee VK, Jones J, Coles A, Murthy R. *Immune reconstitution after alemtuzumab therapy for multiple sclerosis triggering Graves' orbitopathy: a case series*. Eye (Lond). 2019;33(2):223-229.
 13. Hyry HI, Roos JCP. *Implications for pharmaceutical companies and clinicians from the Bayer v NHS judgement: an increasing budgetary focus for both*. Eye (Lond). 2019; 33(4):521-528.
 14. Roos JC, Freitag SK. *Chapter 4: Evaluation and Management of Congenital Lacrimal Obstruction*. In Bleier BS, Freitag S, Sacks R (Eds) *Endoscopic Surgery of the Orbit: Anatomy, Pathology, and Management*. Thieme (London) 8 Nov 2018
 15. Roos JC, Paulpandian V, Murthy R. *Serial TSH-Receptor Antibody levels to guide the management of Thyroid Eye Disease: the impact of smoking, immunosuppression, radio-iodine, and thyroidectomy*. Eye (Lond). 2019; 33(2):212-217.
 16. Litwin AS, Worrell E, Roos JCP, Edwards B, Malhotra R. *Reply Re: "Can We Improve the Tolerance of an Ocular Prosthesis by Enhancing Its Surface Finish?"* Ophthalmic Plast Reconstr Surg. 2018; 34(5):500-501.
 17. Luzzatto L, Hyry HI, Schieppati A, Costa E, Simoens S, Schaefer F, Roos JCP, Merlini G, Kääriäinen H, Garattini S, Hollak CE, Remuzzi G. *Outrageous prices of orphan drugs: a call for collaboration*. Lancet. 2018 Sep 1;392(10149):791-794.
 18. Roos JCP, Daniels MJ, Morris E, Hyry HI, Cox TM. *Heterogeneity in a large pedigree with Danon disease: Implications for pathogenesis and management*. Mol Genet Metab. 2018 Feb;123(2):177-183.
 19. Hanumunthadu D, Nowak VA, Hassan F, Hossain I, Patel DS, Hamidovic L, Abdulhussein D, Hausien I, Papamichael E, Arunakirathan M, Quijano C, George S, Patel PJ, Ophthalmology Trainee Clinical Trial Network. *Variations in Treatment Delivery for Patients with Neovascular AMD in the UK: Results from an Ophthalmology Trainee Clinical Research Network Study*. Ophthalmol Ther. 2017 Dec;6(2):295-300.

20. Hyry HI, Cox TM, Roos JC. *Brexit and rare diseases: big risk, bigger opportunity?* *Curr Med Res Opin.* 2017;33(4):783-784.
21. Litwin AS, Worrell E, Roos JC, Edwards B, Malhotra R. *Can we improve the tolerance of an ocular prosthesis by enhancing its surface finish?* *Ophthalmic Plastic and Reconstructive Surgery.* In print
22. Roos JC, Ezra DG, Rose GE. 'Preoperative imaging should be performed for all cases of acquired nasolacrimal duct obstruction'-No. *Eye (Lond).* 2017;31(3):349-350.
23. Freitag SK, Roos JC. *Preoperative imaging should be performed prior to surgery in all cases of acquired nasolacrimal obstruction-Yes.* *Eye (Lond).* 2017 ;31(3):351-352.
24. Roos JC. *Let's hear it for the Case Report.* *BMJ.* 2017;356:j124.
25. Roos JC, Beigi B. *Lacrimal sac mucoepidermoid carcinoma with metastasis to cavernous sinus following dacryocystorhinostomy treated with stereotactic radiotherapy.* *Case Reports in Ophthalmology* 2016;7(1):274-8
26. Hyry HI, Cox TM, Roos JC. *Saving the orphan drug legislations: misconceptions and clarifications.* *Expert Rev Pharmacoecon Outcomes Res.* 2016;16(1):111-7.
27. Clifford L, Roos J, Dahlmann-Noor A, Vivian AJ. *Surgical management of superior oblique palsy using inferior oblique anterior transposition.* *J AAPOS.* 2015;19(5):406-9.
28. Hyry HI, Roos JC, Cox TM. *RE: Orphan drugs: expensive yet necessary.* *QJM: monthly journal of the Association of Physicians.* 2016;109(5):361
29. Li H, Roos JC, Rose GE, Bailly M, Ezra DG. *Eyelid and Sternum Fibroblasts Differ in Their Contraction Potential and Responses to Inflammatory Cytokines.* *GO Plastic and Reconstructive Surgery* 08/2015; 3(7):2015.
30. Hyry HI, Manuel J, Cox TM, Roos JCP. *Compassionate use of orphan drugs.* *Orphanet Journal of Rare Diseases* 08/2015; 10(1). DOI:10.1186/s13023-015-0306.
31. Hyry HI, Roos JC, Cox TM. *Orphan drugs: expensive yet necessary.* *QJM: monthly journal of the Association of Physicians.* 2015;108(4):269-72.
32. Roos JC, Haridas AS. *Prolonged mydriasis after inadvertent topical administration of the calcium channel antagonist amlodipine: implications for glaucoma drug development.* *Cutaneous and Ocular Toxicology* 2015;34(1):84-7.
33. Hyry HI, Stern AD, Cox TM, Roos JC. *Limits on use of health economic assessments for rare diseases.* *QJM: monthly journal of the Association of Physicians* 03/2014; 107(3):241-5.
34. Hyry HI, Roos JCP, Manuel J, Cox TM. *The legal imperative for treating rare disorders.* *Orphanet Journal of Rare Diseases* 09/2013; 8(1):135.
35. Coussa RG, Roos JCP, Aroichane M, Miron MC, Ospina LH. *Progression of retinal changes in Gaucher disease: a case report.* *Eye (Lond).* 2013;27(11):1331-3.
36. Roos JC. *Case 18-2012: A man with neck pain, hoarseness, and dysphagia.* *New England Journal of Medicine* 09/2012; 367(12):1169.
37. Langendonk JG, Roos JC, Angus L, Williams M, Karstens FPJ, de Klerk JBC, Maritz C, Ben-Omran T, Williamson C, Lachmann RH, Murphy E. *A series of pregnancies in women with inherited metabolic disease.* *Journal of Inherited Metabolic Disease* 09/2011; 35(3):419-24.

38. Roos JCP, Lachmann RH, Carpenter RH, Cox TM. *Latency vs saccadic parameters in lysosomal trials.* Ophthalmology 04/2011; 118(4):794-794.e1.
39. Nouraei SAR, Roos JCP, Walsh SR, Ober JK, Gaunt ME, Carpenter RHS. *Objective assessment of the hemisphere-specific neurological outcome of carotid endarterectomy: a quantitative saccadometric analysis.* Neurosurgery 12/2010; 67(6):1534-41.
40. Roos JC, René C, Ostor AJK. *Necrotizing group A streptococcal periorbital infection following adalimumab therapy for rheumatoid arthritis.* Cutaneous and Ocular Toxicology 11/2010; 30(2):160-2.
41. Roos JCP*, Krismer F*, Schranz M, Graziadei IW, Mechtcheriakov S, Vogel W, Carpenter RHS, Zoller H. *Saccadic latency in hepatic encephalopathy: a pilot study.* Metabolic Brain Disease 09/2010; 25(3):285-95. * co-first author.
42. Roos JC, Hyry HI, Cox TM. *Orphan drug pricing may warrant a competition law investigation.* BMJ 01/2010; 341:c6471.
43. Roos JC, Cox TM. *Giant osteoclast formation and long-term oral bisphosphonate therapy.* New England Journal of Medicine 05/2009; 360(16):1676-7.
44. Burr ML, Roos JC, Ostör AJK. *Metabolic myopathies: a guide and update for clinicians.* Current opinion in rheumatology 2008; 20(6):639-47.
45. Roos J. *Episodic anisocoria and anxiety.* Ophthalmology 08/2008; 115(7):1262-3.
46. Roos JCP, Calandrini DM, Carpenter RHS. *A single mechanism for the timing of spontaneous and evoked saccades.* Experimental Brain Research 03/2008; 187(2):283-93.
47. Roos JCP, Chilvers ER, Ostor AJK. *Interstitial pneumonitis and anti-tumor necrosis factor-alpha therapy.* The Journal of Rheumatology 02/2007; 34(1):238-9.
48. Roos JCP, Ostor AJK. *Neurological complications of infliximab.* The Journal of Rheumatology 02/2007; 34(1):236-7.
49. Roos JC, Ostor AJ. *Tumor necrosis factor inhibitors for rheumatoid arthritis.* New England Journal of Medicine 12/2006; 355(19):2046-7.
50. Roos JCP, Ostor AJK. *Orbital cellulitis in a patient receiving infliximab for Ankylosing spondylitis.* American Journal of Ophthalmology 05/2006; 141(4):767-9.
51. Roos JCP: *Uveitis in Gaucher disease.* American Journal of Ophthalmology 03/2006; 141(2):421.
52. Roos JCP, Ostor AJK. *Anti-tumor necrosis factor alpha therapy and the risk of JC virus infection.* Arthritis & Rheumatology 02/2006; 54(1):381-2.
53. Roos JCP, Kerr Muir MG. *Use of trypan blue for penetrating keratoplasty.* Journal of Cataract and Refractive Surgery 11/2005; 31(10):1867-9.
54. Roos JCP, Cox TM. *Glycogen storage diseases and cardiomyopathy.* New England Journal of Medicine 07/2005; 352(24):2553.
55. Zoller H, Creus M, Roos J, Vogel W. *Clinical investigation of athletes and gastrointestinal symptoms: Where is the starting line?* International SportMed Journal 01/2005; 6(3).