

Curriculum Vitae: Prof. Savvas Andronikou

PERSONAL and PROFESSIONAL HISTORY:

Birth date: 1968/03/20
Languages: English, Afrikaans, Greek
Address: 700 Harbouredge,
Hospital Rd, Greenpoint,
Cape Town, South Africa 8005

Citizenship: South Africa/Cyprus
Marital status: single

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QUALIFICATIONS:

MBBCh (Wits) 1991
FCRad (Diag) 1998
FRCR (Lond) 2000
PhD (UCT) 2005
Registered PhD (Wits) 2011-2014

Registration:

GMC: 4070807 (United Kingdom) -active
HPCSA: MP 0385603 (South Africa) -active
Cyprus Medical council: 2440 (Cyprus) -inactive
Medical Board of Victoria: MPS344549 (Australia) -inactive
Specialist Training Authority (UK): 19817 -active

1985:

Matriculated: honours and re-award of full colours Greenside High School, Johannesburg

1986-1991:

Witwatersrand Medical School

1991:

MBBCh (Witwatersrand)

1992:

House Officer, Germiston General Hospital

1993:

Military Service: Cyprus National Guard & Cyprus Navy; Medical Officer, Navy SEALs

1993-1994:

Senior House Officer, Gynaecology, Hilbrow Hospital

1994-1998:

Registrar in Radiology Witwatersrand University Medical School

1998:

FCRad (Diag) (SA)

Specialist Registrar, Radiology Whittington Hospital, London
Specialist Registrar Pediatric Radiology, Great Ormond St. Hospital, London
1998 -1999:
Consultant Radiologist, Red Cross Children's Hospital, Rondebosch, Cape Town;
Department of Radiology, University of Cape Town Medical School

2000:

FRCR (Diag) London
Appointed Head of Department, Pediatric Radiology, Red Cross Hospital
Department of Radiology, University of Cape Town Medical School

2001:

Head of Department, Pediatric Radiology, Red Cross Children's Hospital, University of
Cape Town
Toronto Hospital for Sick Children as Derek Harwood Nash Scholar
Locum Consultant Great Ormond Street Hospital, August 2001
Fellowship in Pediatric Radiology at Royal Children's Hospital Melbourne Australia

2002:

Appointed Consultant Paediatric Radiologist, Royal Children's Hospital, Melbourne,
Australia, Infectious Diseases Portfolio

Appointed Head of Paediatric Neuroradiology, CT and MRI at Red Cross Children's
Hospital in a part-time capacity

2003:

Head of MRI and CT Red Cross Children's Hospital, part-time capacity
Acting Head of Department of Radiology Red Cross Children's Hospital Aug and Sept

2004:

Chair Professor (full professorship) University of the Witwatersrand
Academic Head of Radiology University of the Witwatersrand
Head of department of Johannesburg Hospital Radiology Department
Locum Consultant Paediatric Radiologist: John Radcliffe Hospital, Oxford
Locum Consultant Paediatric Radiologist: Bristol Children's Hospital

2005:

Locum Consultant Paediatric Radiologist: Bristol Children's Hospital
PhD awarded, University of Cape Town
Senior consultant, (Head of Paediatric radiology, Research and Teaching)
Radiology Department, Tygerberg Hospital and University of Stellenbosch.
Full Professorship at University of Stellenbosch

2006:

Senior consultant, (Head of Paediatric radiology, Research and Teaching), Radiology
Department, University of Stellenbosch.
Locum Consultant Royal Hospital for Sick Children Edinburgh (June and October)
Locum Consultant Bristol Children's Hospital (December)

2007:

Columbia University / Medical Centre as Derek Harwood Nash Fellow of the RSNA
Appointed Chair Professor of Radiology for the University of Stellenbosch and Tygerberg Hospital

2008:

Chair Professor of Radiology for the University of Stellenbosch and Tygerberg Hospital
Founded Spotlight Imaging – a private imaging consultancy

2009:

‘Intersectional Radiologist’ - Medecins Sans Frontiers
President of the College of Radiologists of South Africa
Director of Spotlight imaging services
Volunteer Consultant radiologist Red Cross Children’s Hospital
Locum Pediatric Neuroradiologist, Evelynna Children’s and St Thomas Hospital, London

2010

Locum Pediatric Neuroradiologist Evelynna children’s and St Thomas Hosp, London
Pediatric Neuroradiologist, Panorama MRI centre (Private partnership)(2010 – date)
Chairman of monthly Western Cape Neuroimaging meeting
Appointed Full Professor University of Witwatersrand (2010 – date)
Appointed Visiting Professor University of Pretoria (2010 – date)
Appointed Visiting Professor MEDUNSA, University of Limpopo (2010 – date)
Director, Spotlight imaging services (Servicing the South African TB Vaccine Initiative)

2011

Chairman of the South African Society of Paediatric Imaging (SASPI)
Enrolled for second PhD University of the Witwatersrand
Full professor University of Witwatersrand, Radiology Department
Visiting Professor University of Pretoria and MEDUNSA, University of Limpopo
Appointed Visiting Lecturer University of Cape Town (2011 – date)
President of the College of Radiologists (2012 – 2015)

2012 -2014

Board member World Federation of Pediatric Imaging (WFPI) (Current)
Chair of the Outreach committee WFPI (Current)
ISR International Committee of Radiology Education - TB imaging (Current)
ICR scientific committee 2014 (Current)
Deputy editor of ‘Transactions’ of the Colleges of Medicine of South Africa (current)
Honorary member of the Society for Pediatric Radiology (SPR) (N America) (2013 -)
President of the College of Radiologists (2012 – 2015)
Chairman of the South African Society of Paediatric Imaging (SASPI)(ended 2013)
President of the African Society of Paediatric Imaging (Current)
Full professor University of Witwatersrand, Radiology Department (2010 - to date)
Visiting Professor University of Pretoria (2010 - to date)
Visiting Lecturer University of Cape Town (2011 - to date)
Pediatric Neuroradiologist, Panorama MRI centre (Private partnership)(2010 – date)
Visiting Professor Children’s Hospital Philadelphia (2013 May)
Visiting Professor Stanford, Lucille Packard Children’s Hospital (2013 May)
Visiting Professor Toronto Sick Children’s Hospital (2013 May)
Visiting Professor Columbia Medical Centre New York (2013 May)
Visiting Professor to University of Kansas and Missouri (2013 December)

PUBLICATIONS:

Articles in Medline Indexed Journals

1. Irving BJ, Goussard P, Andronikou S, Gie R, Douglas TS, Todd-Pokropek A, Taylor P. Computer assisted detection of abnormal airway variation in CT scans related to paediatric tuberculosis. *Med Image Anal.* 2014 Jun 9;18(7):963-976. doi: 10.1016/j.media.2014.05.007. [Epub ahead of print] PubMed PMID: 24972375.
2. Andronikou S, Dehaye A, Boechat MI. WFPI virtual communications centre: a hive of e-mail activity. *Pediatr Radiol.* 2014 Jun;44(6):700-3. doi:10.1007/s00247-014-2977-1. Epub 2014 May 23. PubMed PMID: 24854945.
3. Moseme T, Andronikou S. Through the eye of the suprasternal notch: point-of-care sonography for tuberculous mediastinal lymphadenopathy in children. *Pediatr Radiol.* 2014 Jun;44(6):681-4. doi: 10.1007/s00247-014-2890-7. Epub 2014 May 23. PubMed PMID: 24854938.
4. Griggs R, Andronikou S, Nell R, O'Connell N, Dehaye A, Boechat MI. World Federation of Pediatric Imaging (WFPI) volunteer outreach through tele-reading: the pilot project in South Africa. *Pediatr Radiol.* 2014 Jun;44(6):648-54. doi:10.1007/s00247-014-2948-6. Epub 2014 May 23. PubMed PMID: 24854927.
5. Andronikou S, Ackermann C, Laughton B, Cotton M, Tomazos N, Spottiswoode B, Mauff K, Pettifor JM. Correlating brain volume and callosal thickness with clinical and laboratory indicators of disease severity in children with HIV-related brain disease. *Childs Nerv Syst.* 2014 May 23. [Epub ahead of print] PubMed PMID: 24853332.
6. Victoria T, Andronikou S. The fetal MR appearance of 'nutmeg lung': findings in 8 cases linked to pulmonary lymphangiectasia. *Pediatr Radiol.* 2014 May 1.[Epub ahead of print] PubMed PMID: 24789769.
7. Candy S, Chang G, Andronikou S. Acute Myelopathy or Cauda Equina Syndrome in HIV-Positive Adults in a Tuberculosis Endemic Setting: MRI, Clinical, and Pathologic Findings. *AJNR Am J Neuroradiol.* 2014 Apr 30. [Epub ahead of print] PubMed PMID: 24788128.
8. Goussard P, Gie R, **Andronikou S**, Morrison JL. Organic foreign body causing lung collapse and bronchopleural fistula with empyema. *BMJ Case Rep.* 2014 Apr 4;2014. pii: bcr2014204633. doi: 10.1136/bcr-2014-204633.
9. Ackermann C, **Andronikou S**, Laughton B, Kidd M, Dobbels E, Innes S, van Toorn R, Cotton M. White Matter Signal Abnormalities in Children with suspected HIV-Related Neurologic Disease on Early Combination Antiretroviral Therapy. *Pediatr Infect Dis J.* 2014 Mar 3. [Epub ahead of print]
10. Belard S, Andronikou S, Pillay T, Grobusch MP, Zar HJ. New imaging approaches for improving diagnosis of childhood tuberculosis. *S Afr Med J.* 2014 Mar;104(3):181-2. PubMed PMID: 24897819

11. Spijker S, **Andronikou S**, Kosack C, Wootton R, Bonnet M, Lemmens N. Quality assessment of X-rays interpreted via teleradiology for Medecins Sans Frontieres. *J Telemed Telecare*. 2014 Feb 11. [Epub ahead of print]
12. Goussard P, Gie R, **Andronikou S**, Fourie PR. A correctable cause of lung collapse in an adolescent with severe scoliosis causing compression of the bronchial tree. *BMJ Case Rep*. 2013 Nov 15;2013. doi:pii:bcr2013202017.10.1136/bcr-2013-202017.
13. Bekker A, Goussard P, Gie R, **Andronikou S**. Congenital anterior mediastinal teratoma causing severe airway compression in a neonate. *BMJ Case Rep*. 2013 Sep 26;2013. doi:pii: bcr2013201205. 10.1136/bcr-2013-201205
14. Goussard P, Gie R, Rabie H, **Andronikou S**. Nocardia pneumonia in an HIV-infected neonate presenting as acute necrotizing pneumonia. *BMJ Case Rep* 2013. doi:10.1136/bcr-2013-010479
15. Vedajallam S, Chacko A, **Andronikou S**, Truter R, White G. Cranium bifidum occultum. *Pediatr Neurosurg*. 2012;48(4):261-3. doi: 10.1159/000348557
16. **Andronikou S**, Irving B, Hlabangana LT, Pillay T, Taylor P, Goussard P, Gie R. Technical developments in postprocessing of paediatric airway imaging. *Pediatr Radiol*. 2013 Mar;43(3):269-84. doi: 10.1007/s00247-012-2468-1. Epub 2013 Feb 16. PubMed PMID: 23417253.
17. Goussard P, Gie RP, Kling S, **Andronikou S**, Lucas S, Janson J, Roussouw G. Bronchoscopic assessment of airway involvement in children presenting with clinically significant airway obstruction due to tuberculosis. *Pediatr Pulmonol*. 2012 Dec 31. doi: 10.1002/ppul.22747. [Epub ahead of print]
18. Krim AO, **Andronikou S**, Rubin G. Predisposing factors for developing gastric volvulus and the role of imaging. *S Afr J Surg*. 2012;50:131-3. doi: 10.7196/sajs.1218.
19. **Andronikou S**, van Wyk MJ, Goussard P, Gie RP. Left main bronchus compression as a result of tuberculous lymphnode compression of the right-sided airways with right lung volume loss in children. *Pediatr Pulmonol*. 2012. doi: 10.1002/ppul.22728.
20. Shayingca T, **Andronikou S**, Truter R, Reid E. MRI finding of a papillary muscle cyst: a differential diagnosis. *Cardiovasc J Afr*. 2012 Nov 23;23:e5-6. doi: 10.5830/CVJA-2012-062.
21. Lucas S, **Andronikou S**, Goussard P, Gie R. Tuberculous lymphadenopathy is not only obstructive but also inflammatory-it can erode anything it touches. Reply to Marchiori et al. *Pediatr Radiol*. 2012. [Epub ahead of print]
22. Dekker G, **Andronikou S**, Greyling J, Louw B, Brandt A. Contrast meals and malrotation in children-metal markers for improved accuracy. *Pediatr Radiol*. 2013;43: 115-118.

23. Gani R, **Andronikou S**. Enterovesical fistula in an HIV patient – reactivation of tuberculosis as part of IRIS. SAJS 2012; 50:100-101
24. Kuehnast M, Sewchuran T, **Andronikou S**. A 'wandering' gallstone. SAJS. 2012; 50:104-5.
25. Magwai MG, **Andronikou S**. Isolated splenic peliosis in an immunocompromised patient. SAJS. 2012; 50:92.
26. **Andronikou S**. A tribute to Bryan Joseph Cremin (1929-2012) - an Irishman and a South African legend. *Pediatr Radiol*. 2012; 42: 1024
27. **Andronikou S**, Ramadas A, Govender N, van Toorn R TBM effects of HIV review. MRI appearances of tuberculous meningitis in HIV-infected children: a paradoxically protective mechanism? *Imaging Med* 2012; 4: 359 - 366
28. Gani R, **Andronikou S**, Truter R, Deale J. Protrusio Acetabuli Prosthetica – a cause of a Pelvic Mass Presenting to the Gynaecologist. *Journal of Orthopaedic Case Reports* 2012;2:27-28
29. Lucas S, **Andronikou S**, Goussard P, Gie R. CT features of lymphobronchial tuberculosis in children, including complications and associated abnormalities. *Pediatr Radiol*. 2012; 42:923-931
30. Kuehnast M, **Andronikou S**. Pictorial Interlude: Caught up in a 'whirl'. SAJS. 2012;50:50-1
31. Bindapersad M, Govender N, **Andronikou S**. MDCT in the diagnosis of small-bowel obstruction by a retained surgical swab. SAJS. 2012;50:23-4.
32. Tang SS, Siddiqui A, **Andronikou S**, McDougall M, Martinez-Alier N, Lundy CT. Acute encephalopathy in childhood associated with novel influenza a h1n1 virus infection: clinical and neuroimaging findings. *Ulster Med J*. 2011;80:49-50
33. Terreblanche OD, **Andronikou S**, Hlabangana LT, Brown T, Boshoff PE. [Should registrars be reporting after-hours CT scans? A calculation of error rate and the influencing factors in South Africa.](#) *Acta Radiol*. 2012; 53:61-8.
34. Du Plessis V, **Andronikou S**, Struck G, McKerrow N, Stoker A. [Baseline chest radiographic features of HIV-infected children eligible for antiretroviral therapy.](#) *S Afr Med J*. 2011;101:829-34.
35. Mahango KM, **Andronikou S**, Truter R. [Child with developmental delay and blindness since birth.](#) *J Pediatr Ophthalmol Strabismus*. 2012;49:8-9.
36. Omar N, **Andronikou S**, van Toorn R, Pienaar M. Diffusion-weighted magnetic resonance imaging of borderzone necrosis in paediatric tuberculous meningitis. *J Med Imaging Radiat Oncol* 2011;55:563-70 (Winner of Academic Day Poster)

37. Eshraghi H, **Andronikou S**, Fisher-Jeffes N, Truter R, Walt AV. Anaplastic Clear Cell Ependymoma of the Conus Medullaris and Cauda Equina in a 3-year-old Child. *J Pediatr Hematol Oncol*. 2011 Oct; 15. [Epub ahead of print]
38. Ranchod AI, Gora S, Swartz RN, **Andronikou S**, Mngomezulu V. A rare carotid-basilar anastomosis traversing the jugular foramen: origin and clinical implications. *Interv Neuroradiol*. 2011 Sep;17(3):347-50
39. Govender N, **Andronikou S**, Goodier MD. Adequacy of paediatric renal tract ultrasound requests and reports in a general radiology department. *Pediatr Radiol*. 2011 Oct 14. [Epub ahead of print]
40. Moseme TM, **Andronikou S**, Theron S. Transtympanic facial nerve palsy after mountain bike accident. *J Trauma*. 2011 Oct;71(4):E101.
41. Scheepers S, **Andronikou S**, Mapukata A, Donald P. Abdominal lymphadenopathy in children with tuberculosis presenting with respiratory symptoms *Ultrasound* 2011; 19: 134–139
42. Boshoff PE, **Andronikou S**. Abdominal manipulation during water-soluble contrast enema – an alternative method of non-operative decompression of sigmoid volvulus? *South African Journal of Surgery* 2011;49: 137-139
43. Ismail F, Muller C, Goller R, Lockhat ZI, **Andronikou S**. Idiopathic carpal tarsal osteolysis (ICTO) with additional elbow involvement. *Skeletal Radiol*. 2011 Aug 9. [Epub ahead of print]
44. Ismail F, Muller C, Goller R, Lockhat ZI, **Andronikou S**. Child with delayed motor milestones. *Skeletal Radiol*. 2011 Aug 6. [Epub ahead of print]
45. von Bezing H, **Andronikou S**, van Toorn R, Douglas T. Are linear measurements and computerized volumetric ratios determined from axial MRI useful for diagnosing hydrocephalus in children with tuberculous meningitis? *Childs Nerv Syst*. 2011 Aug 2. [Epub ahead of print]
46. Seedat Y, **Andronikou S**, Modi M, Lorgat M. Vascular cause for stridor in infants. *S Afr Med J*. 2011 Feb;101(2):102. No abstract available. PMID:21678731 [PubMed - in process]
47. **Andronikou S**, McHugh K, Abdurahman N, Khoury B, Mngomezulu V, Brant WE, Cowan I, McCulloch M, Ford N. Paediatric radiology seen from Africa. Part I: providing diagnostic imaging to a young population. *Pediatr Radiol*. 2011 Jun 9. [Epub ahead of print] PubMed PMID: 21656276.
48. **Andronikou S**, Mngomezulu V. [Paediatric radiology seen from Africa. Part II: recognising research advantages in a developing country.](#) *Pediatr Radiol*. 2011 May 7. [Epub ahead of print] PMID: 21553039

49. **Andronikou S**, Goussard P, Gie RP. Not all children with nodular interstitial lung patterns in South Africa have TB-A rare case of paediatric "bird fanciers' disease" *Pediatr Pulmonol*. 2011 Apr 25. doi: 10.1002/ppul.21473. [Epub ahead of print]
50. Brown T, Browning N, **Andronikou S**, Hlabangana LT. Bening Appearance of a very aggressive tumour –Imaging findings in small cell carcinoma of the oesophagus. *European Radiology Extra*
51. Peprah KO, **Andronikou S**, Goussard P. Characteristic Magnetic Resonance Imaging Low T2 Signal Intensity of Necrotic Lung Parenchyma in Children With Pulmonary Tuberculosis. *J Thorac Imaging*. 2011 Apr 21.
52. **Andronikou S**, Bindapersad M, Govender N, Waner JI, Segwe A, Palliam S, Shenxane O, Mngomezulu V. Musculoskeletal tuberculosis - imaging using low-end and advanced modalities for developing and developed countries. *Acta Radiol*. 2011 Mar 24.
53. **Dekker G, Andronikou S, van Toorn R, Scheepers S, Brandt A, Ackermann C**. MRI findings in children with tuberculous meningitis: a comparison of HIV-infected and non-infected patients. *Childs Nerv Syst*. 2011 Apr 15.
54. **Andronikou S**. 'Off-key' note speakers. *S Afr Med J*. 2011 Mar 1;101(3):148. PubMed PMID: 21382239.
55. Prinsloo H, Loveland J, Grieve A, **Andronikou S**, Valli Omar M. Gastric duplication cysts as a rare cause of haematemesis: diagnostic challenges in two children. *Pediatr Surg Int*. 2011 Feb 26. [Epub ahead of print] PubMed PMID: 21359665.
56. Goussard P, Gie RP, Kling S, Nel ED, Louw M, Schubert PT, Rhode D, Vanker A, **Andronikou S**. The diagnostic value and safety of transbronchial needle aspiration biopsy in children with mediastinal lymphadenopathy. *Pediatr Pulmonol*. 2010 Dec;45(12):1173-9. doi: 10.1002/ppul.21303. Epub 2010 Aug 17. PubMed PMID: 20717911.
57. Schoeman JF, **Andronikou S**, Stefan DC, Freeman N, van Toorn R. Tuberculous meningitis-related optic neuritis: recovery of vision with thalidomide in 4 consecutive cases. *J Child Neurol*. 2010 Jul;25(7):822-8. Epub 2010 Jun 2. PubMed PMID: 20519667.
58. Maydell A, Goussard P, **Andronikou S**, Bezuidenhout F, Ackermann C, Gie R. Radiological changes post-lymph node enucleation for airway obstruction in children with pulmonary tuberculosis. *Eur J Cardiothorac Surg*. 2010 Oct;38(4):478-83. Epub 2010 Mar 25. PubMed PMID: 20346692.
59. Goussard P, **Andronikou S**. Tuberculous broncho-oesophageal fistula: images demonstrating the pathogenesis. *Pediatr Radiol*. 2010 Dec;40 Suppl 1:S78. Epub 2010 Feb 9. PubMed PMID: 20143061.
60. **Andronikou S**, Vanhoenacker FM, De Backer AI. Advances in imaging chest

tuberculosis: blurring of differences between children and adults. *Clin Chest Med*. 2009 Dec;30(4):717-44, viii. Review. PubMed PMID: 19925963.

61. Maydell AT, **Andronikou S**, Ackermann C, Bezuidenhout AF. Comparison of paper print and soft copy reading in plain paediatric radiographs. *J Med Imaging Radiat Oncol*. 2009 Oct;53(5):459-66. PubMed PMID: 19788481.
62. van der Merwe DJ, **Andronikou S**, Van Toorn R, Pienaar M. Brainstem ischemic lesions on MRI in children with tuberculous meningitis: with diffusion weighted confirmation. *Childs Nerv Syst*. 2009 Aug;25(8):949-54. Epub 2009 May 8. PubMed PMID: 19424705.
63. **Andronikou S**. HIV in children: take a moment to make a difference! *Pediatr Radiol*. 2009 Jun;39(6):525-6. Epub 2009 May 5. PubMed PMID: 19415255.
64. **Andronikou S**, van Toorn R, Boerhout E. MR imaging of the posterior hypophysis in children with tuberculous meningitis. *Eur Radiol*. 2009 Sep;19(9):2249-54. Epub 2009 Apr 28. PubMed PMID: 19399504.
65. du Plessis J, Goussard P, **Andronikou S**, Gie R, George R. Comparing three-dimensional volume-rendered CT images with fiberoptic tracheobronchoscopy in the evaluation of airway compression caused by tuberculous lymphadenopathy in children. *Pediatr Radiol*. 2009 Jul;39(7):694-702. Epub 2009 Apr 28. PubMed PMID: 19399488.
66. Stefan DC, Van Toorn R, **Andronikou S**. Spinal compression due to Burkitt lymphoma in a newly diagnosed HIV-infected child. *J Pediatr Hematol Oncol*. 2009 Apr;31(4):252-5. PubMed PMID: 19346875.
67. Theron S, **Andronikou S**, George R, du Plessis J, Goussard P, Hayes M, Mapukata A, Gie R. Non-infective pulmonary disease in HIV-positive children. *Pediatr Radiol*. 2009 Jun;39(6):555-64. Epub 2009 Mar 20. Review. PubMed PMID: 19300991.
68. George R, **Andronikou S**, Theron S, du Plessis J, Hayes M, Goussard P, Mapukata A, Gie R. Pulmonary infections in HIV-positive children. *Pediatr Radiol*. 2009 Jun;39(6):545-54. Epub 2009 Mar 14. Review. PubMed PMID: 19288091.
69. Goussard P, Gie RP, Kling S, **Andronikou S**, Janson JT, Roussouw GJ. Phrenic nerve palsy in children associated with confirmed intrathoracic tuberculosis: diagnosis and clinical course. *Pediatr Pulmonol*. 2009 Apr;44(4):345-50. PubMed PMID: 19283762.
70. George R, **Andronikou S**, du Plessis J, du Plessis AM, Van Toorn R, Maydell A. Central nervous system manifestations of HIV infection in children. *Pediatr Radiol*. 2009 Jun;39(6):575-85. Epub 2009 Mar 10. Review. PubMed PMID: 19277636.
71. du Plessis AM, **Andronikou S**, Offiah A. A 5-year-old with abnormal hand and forearm: diagnosis and discussion. *Skeletal Radiol*. 2009 May;38(5):525-6.

PubMed PMID: 19266196.

72. du Plessis AM, **Andronikou S**, Offiah A. A 5-year-old with abnormal hand and forearm: presentation, diagnosis and discussion. *Skeletal Radiol.* 2009 May;38(5):517, 525-6. PubMed PMID: 19263051.
73. **Andronikou S**, Greyling PJ. Devastating yet treatable complication of tuberculous meningitis: the resistant TB abscess. *Childs Nerv Syst.* 2009 Sep;25(9):1105-6; discussion 1107, 1109-10. Epub 2009 Feb 27. PubMed PMID:19247678.
74. Stefan DC, **Andronikou S**, Freeman N, Schoeman J. Recovery of vision after adjuvant thalidomide in a child with tuberculous meningitis and acute lymphoblastic leukemia. *J Child Neurol.* 2009 Feb;24(2):166-9. PubMed PMID: 19182153.
75. Vadachia Y, Els H, **Andronikou S**. Accuracy of patients' self-reporting of pregnancy and awareness of risks to the fetus from X-ray radiation. *S Afr Med J.* 2008 Nov;98(11):862, 864. PubMed PMID: 19177891.
76. Janse van Rensburg P, **Andronikou S**. Severe bilateral renal injuries. *Pediatr Radiol.* 2009 May;39(5):522. Epub 2009 Jan 23. PubMed PMID: 19165478.
77. **Andronikou S**, Van Toorn R. The DWI 'reversal sign' of white matter hypoxic ischaemic injury in older children: an unusual MRI pattern for age. *Pediatr Radiol.* 2009 Mar;39(3):293-8. Epub 2009 Jan 22. PubMed PMID: 19159924.
78. Pienaar M, **Andronikou S**, van Toorn R. MRI to demonstrate diagnostic features and complications of TBM not seen with CT. *Childs Nerv Syst.* 2009 Aug;25(8):941-7. Epub 2008 Dec 24. PubMed PMID: 19107489.
79. du Plessis AM, Theron S, **Andronikou S**. The effects of misinterpretation of an artefact on multidetector row CT scans in children. *Pediatr Radiol.* 2009 Feb;39(2):137-41. Epub 2008 Nov 11. PubMed PMID: 19002448.
80. Janse van Rensburg P, **Andronikou S**, van Toorn R, Pienaar M. Magnetic resonance imaging of miliary tuberculosis of the central nervous system in children with tuberculous meningitis. *Pediatr Radiol.* 2008 Dec;38(12):1306-13. Epub 2008 Oct 18. PubMed PMID: 18931835.
81. du Plessis AM, **Andronikou S**, Goussaard P. Bridging bronchus and sling left pulmonary artery: a rare entity demonstrated by coronal CT with 3-D rendering display and minimal-intensity projections. *Pediatr Radiol.* 2008 Sep;38(9):1024-6. Epub 2008 Jun 6. Erratum in: *Pediatr Radiol.* 2008 Aug;38(8):919.
82. Goussard P, Gie RP, Kling S, Kritzinger FE, van Wyk J, Janson J, **Andronikou S**. Fibrin glue closure of persistent bronchopleural fistula following pneumonectomy for post-tuberculosis bronchiectasis. *Pediatr Pulmonol.* 2008 Jul;43(7):721-5. PubMed PMID: 18500738.
83. Goussard P, Gie RP, Kling S, Schaaf HS, Kritzinger F, **Andronikou S**, Beyers N,

Rossouw GJ. The outcome of infants younger than 6 months requiring ventilation for pneumonia caused by Mycobacterium tuberculosis. *Pediatr Pulmonol.* 2008 May;43(5):505-10. PubMed PMID: 18383116.

84. du Plessis V, Birnie AJ, Eloff I, Reuter H, **Andronikou S**. Pentastomiasis (*Armillifer armillatus* infestation). *S Afr Med J.* 2007 Oct;97(10):928, 930. PubMed PMID: 18027470.
85. du Plessis J, **Andronikou S**, Theron S, Wieselthaler N, Hayes M. Unusual forms of spinal tuberculosis. *Childs Nerv Syst.* 2008 Apr;24(4):453-7. Epub 2007 Nov 7. PubMed PMID: 17987300.
86. Cilliers G, Naidoo A, Ackermann C, Parsons JJ, **Andronikou S**. Renal vein thrombosis in transitional cell carcinoma. *Australas Radiol.* 2007 Oct;51 Spec No.:B62-3. PubMed PMID: 17875162.
87. Mapukata A, **Andronikou S**, Fasulakis S, McCulloch M, Grobbelaar M, Jee L. Modern imaging of renal tuberculosis in children. *Australas Radiol.* 2007 Dec;51(6):538-42. PubMed PMID: 17958688
88. Theron S, **Andronikou S**, Du Plessis J, Goussard P, George R, Mapukata A, Grobbelaar M, Hayes M, Wieselthaler N, Davidson A. Pulmonary Kaposi sarcoma in six children. *Pediatr Radiol.* 2007 Dec;37(12):1224-9. Epub 2007 Oct 17. PubMed PMID: 17940761.
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2. Kemp M, Andronikou S. Benign Breast Ultrasounds (**Accepted South African Journal of Surgery**)
3. Katende N, Andronikou S, Goussard. Calcification and stenosis of the airway in chondrodysplasia punctata (**Accepted BMJ case reports**)
4. Hlabangana T, Andronikou S. Quality assessment of paediatric chest radiographs before and after introduction of a poster (**Accepted Pediatric Radiology**)
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17. Rubin G, Andronikou S, Joseph E. PJP vs. TB on chest radiographs in HIV positive adults (Submitted)
18. Sewcheran T, Andronikou S. HIV and confusion – imaging findings CD4 (Submitted)
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23. Shayinca T, Andronikou S. Adequacy of consent in CT
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31. Hanekom, Lucas, Andronikou, Goussard, Gie. Computerised Tomography Findings of Lymphobronchial Tuberculosis in Children: a Comparison between Infants and Older Children
32. Krim, Lucas, Andronikou, Goussard, Gie. Comparison of Coronal Minimum Intensity Projection CT Reconstructions with Flexible Bronchoscopy for Airway Compression in Children with Lymphobronchial TB
33. Rajkumar, Andronikou, Zar. Quality Assurance of Paediatric Lateral Chest Radiographs in the Investigation of Pulmonary Tuberculosis
34. Mahomed, Andronikou, Sawry. Chest X-Ray Findings in HIV-Infected Children Starting HAART at a Tertiary Institution in South Africa
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- 1) Andronikou and Wieselthaler: ‘Baby steps into paediatric neuroradiology’: a handbook. SAMA HMPG (chief editor) (2004)
- 2) Andronikou, Wieselthaler, Kilborn. See right through me: an imaging anatomy atlas SAMA HMPG (chief editor) (2006)
- 3) Andronikou and Wieselthaler. Tuberculosis: a comprehensive reference. Chapter 26 in Zumla and Schaaf. Elsevier. 2009 (Chapter author)
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- 5) Andronikou, Alexander, Kilborn, Daneman, Millar. ABC into Pediatric Surgical Imaging. Springer Verlag. 2009 (Chief Editor)
- 6) Andronikou. See Right Through Me. An imaging anatomy atlas: Springer Verlag. 2012 (Chief Editor)
- 7) Andronikou S. Doc Andy and the X-ray team (A children’s picture book about X-ray procedures)(In print 2012)
- 8) McHugh K and Andronikou S. Chapter: Imaging in Children in Textbook of hospital care for pregnant women and girls, newborn infants and children in poorly resourced countries (Pending print 2013)
- 9) Andronikou S and Prabhu S. Pediatric Neuroimaging. Chief Editor (In Progress)

Other literature, contributions and reports authored:

- 1) Paediatric neuroradiology handbook PANDA conference 2003
- 2) Protocols for MRI, CT and fluoroscopy Red Cross Children’s Hospital
- 3) Fifth Year Radiology Lectures for School of Child and Adolescent Health
- 4) Andronikou (2002) Imaging of UTI in Children. MAYNE HEALTH Diagnostic Imaging News Letter 2 (2):1, Melbourne, Australia
- 5) Imaging protocols for children Tygerberg hospital 2006 / 2007

- 6) Survival Bible for registrars: Stellenbosch University Medical School Radiology Department
- 7) Research guide for Registrars in Radiology. University of Witwatersrand
- 8) Guidelines for radiation protection in CT for Panorama MRI centre
- 9) Paediatric Fellowship Curriculum University of the Witwatersrand

PERSONAL SCIENTIFIC / SCHOLARLY PRESENTATIONS AT CONGRESSES

International

- 1) Abdominal TB in Children: CT Findings, and 4 poster presentations, IMAGING 2000, Pretoria
- 2) Angiographic findings in 26 children with Takayasu Aortitis and 6 poster presentations ESPR 2000, Lisbon
- 3) McCulloch, M., Andronikou, S., Hoffman, E.B., Goddard, E.& Kahn, D. Avascular necrosis of the hip in paediatric renal transplant recipients. Paper presented at First Congress of the International Paediatric Transplant Association, 23-25 2000.
- 4) Reserve paper: 'Classic and Unusual Appearances of Hydatid Disease in Children' and 2 poster presentations: IPR 2001 Paris
- 4) **Invited Speaker: CT and MRI in Paediatric TB: United Kingdom Radiology Conference 2002 Birmingham
- 5) Patterns of Disease in 53 Children with Tuberculous Spondylitis on MRI and the Role of Gadolinium: ESPR 2002 Bergen, Norway
- 6) CT Features of Tuberculous Meningitis in Children: ESPR 2002 Bergen, Norway
- 7) Indications for CT and MRI in the Diagnosis of Tuberculosis in Children: ESPR 2002, Bergen, Norway
- 8) Skull Fracture as a Herald of Intracranial Abnormality in Children with Mild Head Injury: ESPR 2004, Heidelberg, Germany.
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- 10) Acute Idiopathic Myelopathy: The Value of MRI in Diagnosis and Prognosis: ESPR 2004, Heidelberg, Germany.
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- 19) Objective Criteria for Determining the Presence of Abnormal Basal Enhancement on CT Scans of the Brain in Children with Suspected TB Meningitis. ESPR 2005 Dublin, Ireland
- 20) Comparison of MRI of Physcal Bars due to Infection (Meningococcaemia) with those due to Trauma. ESPR 2005 Dublin, Ireland
- 21) Distribution of infarction in children with TB meningitis and correlation with 6 month outcome score. IPR Montreal May 2006: alternate paper
- 22) Public and academic radiology services in South Africa. ISR 2006, 12-16 Sept CTIIC, Cape Town, oral presentation.
- 23) Training Radiologists in South Africa. ISR 2006, 12-16 Sept CTIIC, Cape Town, oral presentation.
- 24) Distribution of infarction in children with TB meningitis and correlation with 6 month outcome score. ISR 2006, 12-16 Sept CTICC, Cape Town, oral presentation.
- 25) Hyperdesne Exudates in Pediatric TB Meningitis. ISR 2006, 12-16 Sept CTICC, Cape Town, oral presentation.
- 26) Value of Follow up CT for Pediatric TBM. ISR 2006, 12-16 Sept CTICC, Cape Town, oral presentation.
- 27) Is anatomic distribution helpful in differentiating TB spondylitis from neoplastic causes of extradural spinal cord compression in children. ESPR 2007, Barcelona, Spain, oral presentation.
- 28) Upper gastrointestinal series: routine use to evaluate gastroesophageal reflux. ESPR 2007, Barcelona, Spain, oral presentation.
- 29) Cavitating pulmonary tuberculosis in children; correlating radiology with pathogenesis. ESPR 2007, Barcelona, Spain, oral presentation.
- 30) Comparison of central airway size in pediatric patients with airway compression due to tuberculosis lymphadenopathy measured on standard axial multidetector computed tomography (MDCT) versus multiplanar reconstruction (MPR). ESPR 2007, Barcelona, Spain, oral presentation.
- 31) Non-accidental injury to the CNS: the "human shield" phenomenon. ESPR 2007, Barcelona, Spain, oral presentation.
- 32) Pulmonary Kaposi sarcoma in 7 children. ESPR 2007, Barcelona, Spain, oral presentation.
- 33) Paediatric neuro-radiological manifestations of HIV infection. Panda SA, 3 November 2007, Magaliesberg.
- 34) Pulmonary TB and its complications in children. ISR Virtual Congress, December 2007.
- 36) TB meningitis – Diagnosis using imaging and the future. Arab Health Congress 2008, Dubai, oral presentation.
- 37) Patient care: Fluoro studies – What should we be imaging and what should we look for? Arab Health Congress 2008, Dubai, oral presentation.
- 38) Chest Primary PTB – Diagnosis and complications. Arab Health Congress 2008, Dubai, oral presentation.
- 39) Meningeal military tuberculosis in patients with tuberculous meningitis. ESPR 2008, Edinburgh, United Kingdom, oral presentation.
- 40) Loss of normal positive signal of the pituitary gland on MR in children with tuberculous meningitis and SIADH. ESPR 2008, Edinburgh, United Kingdom, oral presentation.

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- 42) Brainstem infarctions in children with tuberculous meningitis: an MRI study. ESPR 2008, Edinburgh, United Kingdom, oral presentation.
- 43) MRI for characterization of tuberculous lymphadenopathy in children. ESPR 2008, Edinburgh, United Kingdom, oral presentation.
- 44) The effects of misinterpretation of artefact on multidetector-row CT scans in children. ESPR 2008, Edinburgh, United Kingdom, oral presentation.
- 45) Does the routine availability of a high-resolution CT (multidetector CT) on the chest in children add significant information? An African setting. ESPR 2008, Edinburgh, United Kingdom, oral presentation.
- 46) Comparing 3-D CT volume rendering to bronchoscopy in the evaluation of airway compression by tuberculous lymphadenopathy in children. ESPR 2008, Edinburgh, United Kingdom, poster presentation.
- 47) Rotation or malrotation: the use of metallic markers to reduce radiographic errors in diagnosing intestinal malrotation in children. ESPR 2008, Edinburgh, United Kingdom, poster presentation.
- 49) Paediatric Anatomy –Why it matters. Pediatric Imaging Workshop RSSA / PISSA Johannesburg (13 Sept 2008) and Cape Town (20 Sept 2008)
- 50) Fluoroscopic Procedures: Keeping Dose Low. Pediatric Imaging Workshop RSSA / PISSA Johannesburg (13 Sept 2008) and Cape Town (20 Sept 2008)
- 51) Chest in Pediatric TB. Pediatric Imaging Workshop RSSA / PISSA Johannesburg (14 Sept 2008) and Cape Town (21 Sept 2008)
- 52) PISSA statement on Intussusception. Pediatric Imaging Workshop RSSA / PISSA Johannesburg (14 Sept 2008) and Cape Town (21 Sept 2008)
- 53) Ultrasound for Diagnosing TB. TB Club / Working group meeting. Mediciens Sans Frontiers Head Office. Paris (28 Jan 2009)
- 54) Teleradiology for Humanitarian Missions. TB Club / Working group meeting. Mediciens Sans Frontiers Operational Center. Paris (28 Jan 2009)
- 55) Usefulness of Imaging for Mediciens Sans Frontiers. Medical Team, Operational Centre. Paris (29 Jan 2009)
- 56) Reading chest radiographs; Diagnosing TB in Children on Chest Radiographs and imaging in children with HIV. Mediciens Sans Frontiers HIV course Cape Town (3 courses) 2009-2010
- 57) Pediatric Anatomy. Guys and St Thomas Anatomy Course UK 2010
- 58) Pediatric Anatomy workshop. Spotlight Imaging. Cape Town 2010
- 59) Ethics course 1 RSSA: Paediatric radiology – the ethics of radiation exposure May 2010
- 60) People to people – Bill Brady (USA): Imaging TB in children January 2010
- 61) Ethics course 2 RSSA: Paediatric radiology – the ethics of radiation exposure July 2010
- 62) International Pediatric association – invited / cancelled
- 63) International Pediatric association- invited / cancelled
- 64) Africa health Keynote speaker. Radiation protection Image gently. JHB 2011
- 65) Andronikou S, van Wyk M, Goussard P, Gie R. Mediastinal stacking and aorto-carinal syndrome in children with right lung volume loss – a cause for contralateral left main bronchus compression IPR 2011
- 66) International outreach symposium – Africa: IPR 2011
- 67) IPR Olympics Quiz: team B – winners of competition 2011 United Kingdom 2011
- 68) Radiation considerations in Pediatric Imaging – Hospital Build 2011 Dubai

- 69) Challenges imaging children in developing countries ASR (African Society of Radiology) - Alexandria, Egypt 2012
- 74) Imaging pediatric orbital conditions ASR (African Society of Radiology) - Alexandria, Egypt 2012
- 75) Beginners guide to imaging the pediatric brain ASR (African Society of Radiology) - Alexandria, Egypt 2012
- 76) Pediatric imaging anatomy ASR (African Society of Radiology) - Alexandria, Egypt 2012
- 74) Invited speaker CT in Abdominal Trauma: Radiation Dose Considerations NORDTER, Helsinki, Finland 2012
- 75) Invited speaker Special Considerations for Pediatric Skeletal Trauma NORDTER, Helsinki, Finland 2012
- 76) Invited speaker Registrar intervention for better after-hours interpretation of CT NORDTER, Helsinki, Finland 2012
- 76) Invited Speaker Use of LODOX whole body imaging in trauma NORDTER, Turku, Finland 2012
- 76) Oral presentation: Corpus Callosum Thickness on MRI as a Surrogate Marker of White Matter Volume in Children with HIV and its Correlation with Developmental Scores. European Society of Pediatric Radiology, Athens, Greece 2012
- 77) **Keynote speaker** for the JuniorESPeR forum of the European Society of Pediatric Radiology – Tuberculosis from the Alpha to the Omega –Athens, Greece 2012
- 78) Invited Speaker: Radiology society of Ethiopia. How to read an MRI of a child's brain. Second annual Paediatric Radiology CME Dec 8 2012
- 79) Invited Speaker: Radiology society of Ethiopia. Dose reduction in fluoroscopy. Second annual Paediatric Radiology CME Dec 8 2012
- 80) Invited Speaker: Radiology society of Ethiopia. HIV and TB co-infection. Second annual Paediatric Radiology CME Dec 8 2012
- 81) Invited speaker: European TB Network. Imaging TB in Children. Padova Italy March 2013.
- 82) Invited speaker: UCSF Medical Center May 7th 2013
- 83) Invited speaker: Stanford University: Lucille Packard Children's Hospital May 10th 2013
- 84) Invited speaker: SPR San Antonio Texas May 18th 2013. Education session: Unique Issues in Africa
- 85) Oral Presentation: SPR San Antonio Texas May 14-18 May, 2013: Corpus Callosum Thickness on MRI as a Surrogate Marker of Brain Volume in Children with HIV and its Correlation with Developmental Scores and Clinical Parameters
- 86) Invited Speaker Children's Hospital Philadelphia: TB meningitis and HIV: old school, new school and co-infection. May 20, 2013
- 87) Invited Speaker Children's Hospital Philadelphia: Imaging pulmonary TB in children – interactive session. May 21, 2013
- 88) Invited Speaker Children's Hospital Philadelphia: Imaging TB in children. May 22, 2013
- 89) Invited Speaker Children's Hospital Philadelphia: Optimising CT dose in Children. May 23, 2013
- 90) Invited Speaker Children's Hospital Philadelphia: Challenges Imaging children in Africa. May 24, 2013
- 91) TB meningitis and HIV: old school, new school and co-infection. Toronto Sick Kids Hospital
- 92) Imaging TB in children. Toronto Sick Kids Hospital
- 93) Challenges Imaging children in Africa. Toronto Sick Kids Hospital

- 94) Invited talk: Radiological Society of North America Education session: Derek Harwood Nash Fellowships - South Africa 1st December 2013
- 95) Invited talk: Radiological Society of North America Outreach Session: "Resident and Fellows Interested in International Outreach Exchange" 3rd December 2013
- 96) Invited Talk: Residents International Opportunities. University of Missouri-Kansas and Children's Mercy Hospitals and Clinics, 5th December 2013
- 98) Invited Talk: Outreach opportunities for Radiologists. University of Missouri-Kansas and Children's Mercy Hospitals and Clinics, 5th December 2013
- 99) Invited Talk. Imaging TB and HIV. University of Missouri-Kansas and Children's Mercy Hospitals and Clinics, 6th December 2013
- 100) Invited speaker: Antenatal MR in congenital lung abnormalities. [Here Be Lungs Trilogy 21-22 March 2014. Lanserac](#)
- 101) Invited Lecturer Manilla, Phillipines: Chest x-ray interpretation of TB; US, CT, and MRI of pulmonary TB; CNS TB, 22 & 23 April 2014
- 102) Invited Lecturer Cebu Congress Phillipines: Chest x-ray interpretation of TB; US, CT, and MRI of pulmonary TB; CNS TB, 25 & 26 April 2014

International and Local Booked Talks 2014:

1. Invited speaker. SPR Sunrise session: Chest Ultrasound for Pediatric TB, 16 May 2014, Washington DC
2. Invited Speaker: ESPR, Radiographers Symposium. Challenges of Pediatric Radiology in Developing Countries, 5th June 2014, Amsterdam
3. Invited Speaker: ESPR Plenary Session Outreach in Pediatric Radiology, HIV and related infections, 4th June 2013, Amsterdam
4. Invited Speaker: Symposium Neurologicum. HIV and Tuberculosis in Children, 10th September 2014, Istanbul
5. Invited Speaker: ICR- titles undecided, 9th-12th September 2014 Dubai
6. Invited Speaker: RSNA- title undecided, 30th November – 5th December 2014 Chicago

Local

- 1) Distraction injuries in children. Red Cross Hospital Research Day 1999
- 2) What do I mean – Explanation of Radiological Terminology Pediatric Forum, 1999
- 3) Cervical spinal injury in children. Pediatric Surgery Forum, 1999
- 4) MRI features of intracranial TB. Radiology Forum, 1999
- 5) Benign bone tumors in children. Radiology Forum 1999
- 6) Takayasu's Aortitis. SA Cape Division Radiographic Society, 2000
- 7) Abdominal TB in African children (CT findings), Surgical Forum 2000
- 8) Imaging strategy for African children with first diagnosed UTI in tertiary hospital setting. Proceedings: Imaging in the New Millennium, CSIR Conference Centre, Pretoria, 10-12 February 2000.
- 9) Standardized ultrasound technique in evaluation of UTI in children: Imaging in the New Millennium, CSIR Conference Centre, Pretoria, 10-12 February 2000.
- 10) Abdominal tuberculosis in children : The radiological features as seen on CT scanning. Proceedings: Imaging in the New Millennium, CSIR Conference Centre, Pretoria, 10-12 February 2000.

- 12) MRI features of intracranial tuberculosis in children. Proceedings: Imaging in the New Millennium, CSIR Conference Centre, Pretoria, 10-12 February 2000.
- 13) Intracranial ring enhancing lesions in African children. Proceedings: Imaging in the New Millennium, CSIR Conference Centre, Pretoria, 10-12 February 2000.
- 14) Periosteal reactions in children. Poster presented at Institute of Child Health and University of Cape Town Research Day 2000, Institute for Child Health, Cape Town, 24-25 October 2000.
- 15) Standardized ultrasound technique in evaluation of UTI in children. Poster presented at Institute of Child Health and University of Cape Town Research Day 2000, Institute for Child Health, Cape Town, 24-25 October 2000.
- 16) CT scanning in paediatric blunt abdominal trauma. Poster presented at Society of Radiographers of South Africa 15th National Conference, Arthur's Seat Hotel, Cape Town, 20-24 September 2000.
- 17) CT scanning in paediatric blunt abdominal trauma. Poster presented at Institute of Child Health and University of Cape Town Research Day 2000, Institute for Child Health, Cape Town, 24-25 October 2000.
- 18) Diagnostic and therapeutic interventions in the management Takayasu's arteritis at Red Cross Children's Hospital. Paper presented at Institute of Child Health and University of Cape Town Research Day 2000, Institute for Child Health, Cape Town, 24-25 October 2000.
- 19) Neuroradiological Diagnostic and Prognostic Features of Tuberculous Meningitis in Childhood. Paper presented at School of Child and Adolescent Health Research Day 2002, Cape Town 29-30 October.
- 21) Spina Bifida Cystica: MRI Differentiation of the Different Subtypes in Children: Red Cross Research Day October 2003
- 22) Patterns of Basal Enhancement in Pediatric TBM. Stellenbosch University Academic Day August 2006: WINNER OF RADIATION SESSION
- 23) Dekker G, Louw HB, Andronikou S, Hewlett R, Pienaar M, Hlongwane ST. Radiologic patterns in neonatal cerebral hypoxia. 50th Academic Year Day, Faculty of Health Sciences, Tygerberg, South Africa, University of Stellenbosch 2006: 96.
- 24) Du Plessis J, Theron S, Grobbelaar M, Steyn FB, Mapukata A, Andronikou S. Localized basal meningeal enhancement in tuberculous meningitis. 50th Academic Year Day, Faculty of Health Sciences, Tygerberg, South Africa, University of Stellenbosch 2006: 95.
- 25) Greyling PJ, Andronikou S, Wieselthaler NA, Ackermann C, Parsons JJ. Rhabdomyosarcomas in Radiology: a pictorial essay. 50th Academic Year Day, Faculty of Health Sciences, Tygerberg, South Africa, University of Stellenbosch 2006: 94.
- 26) Griffith-Richards SB, Goussard P, Andronikou S, Gie R, Przybojewski SJ, Vadachia Y, Strachan M, Kathan DL. Cystic pulmonary tuberculosis in paediatrics; an approach to the radiological findings. 50th Academic Year Day, Faculty of Health Sciences, Tygerberg, South Africa, University of Stellenbosch 2006: 93.
- 27) Hayes M, Andronikou S, Schulze OC, Parsons JJ, Greyling PJ, Erlank A, Lameen H. Two rare CT artefacts mimicking pathology in children. 50th Academic Year Day, Faculty of Health Sciences, Tygerberg, South Africa, University of Stellenbosch 2006: 67.
- 28) Louw HB, Scher AT. Is 'n inspiratoriese regop borskas X-straal genoegsame beelding in die diagnose van 'n pneumotoraks in die mobiele traumapasient?. 50th Academic Year Day, Faculty of Health Sciences, Tygerberg, South Africa, University of Stellenbosch 2006: 92.
- 29) Przybojewski SJ, Andronikou S, Beningfield S, Moosa A, Vadachia Y, Strachan M, Kathan DL, Griffith-Richards SB. Report on the current status of Radiologist training

- in South Africa - a survey conducted at the 1st and 2nd pre-examination courses of the College of Radiology of South Africa. 50th Academic year Day, Faculty of Health Sciences, Tygerberg, South Africa, University of Stellenbosch 2006: 94.
- 30) Przybojewski SJ, Andronikou S, Wilmschurst J. Objective CT criteria to determine the presence of abnormal basal enhancement in children with suspected tuberculous meningitis (TBM). 50th Academic Year Day, Faculty of Health Sciences, Tygerberg, South Africa, University of Stellenbosch 2006: 59.
 - 31) Schulze OC. Do-it-yourself PACS, an experiment in progress. 50th Academic Year Day, Faculty of Health Sciences, Tygerberg, South Africa, University of Stellenbosch 2006: 96.
 - 32) Get connected: Diffusion tensor imaging. Stellenbosch University 51st Academic Day August 2007.
 - 33) Ackermann C, Andronikou S, Erlank A, Parsons JJ, Cilliers G. CT for upper abdominal pathology: is imaging of the pelvis necessary?. 51st Academic Year Day, Faculty of Health Sciences, Tygerberg, South Africa, 2007: 165.
 - 34) Brandt A, Andronikou S, Louw HB, Pienaar M, Dekker G, Hlongwane ST, Van Der Merwe DJ. Non-accidental injury to the CNS: the "human shield" phenomenon. 51st Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, Tygerberg, South Africa, 2007: 177.
 - 35) Dekker G, Andronikou S, Louw HB, Greyling PJ. Paediatric intestinal malrotation versus fluoroscopic rotational error: the use of metal markers. 51st Academic Year Day, Faculty of Health Sciences, Tygerberg, South Africa, 2007: 167.
 - 36) Du Plessis AM, Theron S, Andronikou S. CT artefacts: misinterpretation leading to misdiagnosis. 51st Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, Tygerberg, South Africa, 2007: 174.
 - 37) Du Plessis J, Andronikou S, Wieselthaler NA, Theron S, George R. CT features of tuberculous intracranial abscesses in children. 51st Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, Tygerberg, South Africa, 2007: 175.
 - 38) Els H, Vadachia Y. An assessment of the accuracy of patients' self-reporting of pregnancy together with awareness of risks to the fetus from x-ray radiation: a prospective survey of female patients in the department of radiology of a tertiary hospital in a developing nation. 51st Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, Tygerberg, South Africa, 2007: 176.
 - 39) Erlank A, Andronikou S, Goussard P, Sidler D. Oesophageal perforation as a complication of pulmonary tuberculosis in children. 51st Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, Tygerberg, South Africa, 2007: 176.
 - 40) Gaisbichler W. Assessment of early Alzheimer's disease (AD) by computerised tomography (CT). 51st Academic Year Day, Faculty of Health Sciences, Tygerberg, South Africa, 2007: 177.
 - 41) Greyling PJ, Andronikou S, Ackermann C, Erlank A, Lameen H, Schulze OC, Viljoen H. Upper gastrointestinal series: routine use to evaluate gastroesophageal reflux in children. 51st Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, Tygerberg, South Africa, 2007: 166.
 - 42) Griffith-Richards SB, Erlank A, Andronikou S, Ackermann C, Goussard P. Is routine use of high resolution studies in paediatric computed tomography warranted when availability of multidetector computed tomography is limited?- an African setting. 51st Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, Tygerberg, South Africa, 2007: 171-172.
 - 43) Grobbelaar M, Andronikou S. Comparison of central airway size in paediatric patients with airway compression due to tuberculous lymphadenopathy measured on standard axial multidetector computed tomography (MDCT) versus multiplanar reconstruction

- (MPR). 51st Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, Tygerberg, South Africa, 2007: 168.
- 44) Grobbelaar M, Goussard P, Andronikou S. Chylothorax as a complication of pulmonary tuberculosis (TB) in children. 51st Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, Tygerberg, South Africa, 2007: 174.
 - 45) Hayes M, Theron S, Andronikou S. Radiological findings in paediatric pulmonary kaposi's sarcoma. 51st Academic Year Day, Faculty of Health Sciences, Tygerberg, South Africa, 2007: 170-171.
 - 46) Louw HB, Hlongwane ST, Van Der Merwe DJ, Andronikou S. The correlation between the clinical- and magnetic resonance imaging findings in the brainstem of paediatric patients with tuberculous meningitis. 51st Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, Tygerberg, South Africa, 2007: 170.
 - 47) Mapukata A, George R, Theron S, Hayes M, Du Plessis J, Grobbelaar M. Role of magnetic resonance imaging in the staging and treatment planning of cervical carcinoma - a retrospective evaluation in a tertiary hospital in South Africa. 51st Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, Tygerberg, South Africa, 2007: 178.
 - 48) Pienaar M, Andronikou S. MRI for demonstrating diagnostic features and complications of TBM not demonstrated on CT: use of new sequences (DWI). 51st Academic Year Day, Faculty of Health Sciences, Tygerberg, South Africa, 2007: 178-179.
 - 49) Van Der Merwe DJ, Louw HB, Dekker G, Hlongwane ST, Brandt A, Pienaar M. Gastric volvulus. 51st Academic Year Day, Faculty of Health Sciences, Tygerberg, South Africa, 2007: 175.
 - 50) Viljoen H, Cilliers G, Ackermann C, Andronikou S. Identification of scar carcinoma due to tuberculosis using computed tomography and correlation with histology. 51st Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, Tygerberg, South Africa, 2007: 177-178.
 - 51) Von Bezing H, Lotz Jw, Hewlett R. The faces of neurocysticercosis. 51st Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, Tygerberg, South Africa, 2007: 175.
 - 52) Diffusion Tensor Imaging and MMed Research Methodology. Academic Lecture Program at the University of Pretoria, Gauteng, January 2008, oral presentation
 - 53) Functional MRI. Academic Lecture Program at the University of the Witwatersrand, Gauteng, January 2008, oral presentation.
 - 54) Diffusion Tensor Imaging. Academic Lecture Program at the University of Cape Town, March 2008, oral presentation
 - 55) The use of CT and MRI in the diagnosis of TB. Child TB Training Course, Goudini Spa, Worcester, March 2008, oral presentation.
 - 56) An introduction to doing research. University of Pretoria Radiology Department 29 July 2010
 - 57) An introduction to doing research. University of Limpopo Medunsa Radiology Department July 29 Jul 2010
 - 58) Mediastinal stacking –SORSA / RSSA congress Durban 2011
 - 59) Survey of South African Radiologists and Paediatric CT scan doses. SORSA / RSSA congress Durban 2011
 - 60) The ethics of imaging children. SORSA / RSSA congress Durban 2011
 - 61) Radiation and ethics of imaging children. Raima Moosa Hospital forum. 2011
 - 62) Invited speaker Stellenbosch University Academic Day – Indications for advanced imaging of the chest in children 2011

- 63) Invited Speaker - Reading the CXR of the Newborn, Here Be Lungs, Stellenbosch Feb 2012,
- 64) Invited Speaker - Indications for chest CT and MRI scans in neonates and infants, Here Be Lungs, Stellenbosch Feb 2012,
- 65) Speedy MMedS, Wits Post Graduate Hub Chris Hani Bragwanath hospital and Medical School, 7th and 8th March 2012
- 66) CPD activity- Beginners guide to imaging the pediatric brain MRI radiographers Panorama Hospital Cape Town 2012
- 67) CPD activity- Imaging Hypoxic ischaemic encephalopathy in children - MRI radiographers Panorama Hospital Cape Town 2012
- 68) Invited speaker - Paediatric imaging guidelines - South African Paediatric Association UPdate PRETORIA 2012
- 69) Invited speaker Imaging in paediatric tuberculosis and HIV - South African Paediatric Association - UPdate Pretoria 2012
- 70) Invited Speaker - An Approach To Paediatric X-Rays For The Diagnosis Of TB - 22nd – 26th August 2012; Bana Pele – South African Paediatric Association; Polokwane; South Africa
- 71) Invited Speaker – New MRI sequences - what they are and what they show; 31 August - 1 Spetember 2012; Central University of Technology; Bloemfontein; South Africa
- 72) Invited Speaker – Task shifting / role extension of radiographers for reading paediatric CXR for TB in clinics- 31 August - 1 Spetember 2012; Central University of Technology; Bloemfontein; South Africa
- 73) Invited Speaker – What is new in chest imaging?- Critical for Africa – Paediatric Pulmonology 29 August – 2 September 2012; Sun City; North West Province; South Africa
- 74) SASPI /RSSA Congress Optimising CT Dose in children. Sandton, November 2012
- 75) SASPI /RSSA Congress CNS infection in children in South Africa - whats new? Sandton, November 2012

Other Talks / Refresher / Educational Courses

- 1) Invited to chair a film reading session: Respiratory Radiology Workshop, Refresher Course, Red Cross Hospital 1999
- 2) Invited speaker: Tethered cord & spinal dysraphism: Schering MRI Course, 2000
- 3) Invited speaker: Neurocysticercosis, Hydatid disease and MRI features of intracranial TB in Children: to the neuroradiology department of Toronto hospital for Sick Children, Toronto; May 2001
- 4) Visiting lecturer, four lectures, five tutorials and revision of protocols, University of Witwatersrand Johannesburg, July 2001
- 5) Abdominal TB in Children on CT and Hydatid Disease in Children: to the radiology department Great Ormond Street, London August 2001.
- 6) Tuberculosis in Children: Department of Infectious diseases: Royal Children's Hospital Melbourne, Australia
- 7) Invited to deliver lecture series in paediatric radiology to the department of radiology, Tygeberg hospital 2003 (10 lectures)
- 8) Invited speaker on Tuberculous meningitis and the imaging of hydatid disease in children: surgical forum, Red Cross Children's Hospital, March 2003
- 9) Radiology Grand Rounds: Pediatric Skull, October 2003
- 10) Invited Speaker to WITS for workshop on pediatric imaging procedures 2006
- 11) Teleradiology lecture to UOFS, PRET, US on paediatric imaging procedures 2006

- 12) Presentations x 5 to Pediatricians at Stellenbosch University 2006
- 13) Organizer and Speaker at the Radiology Paediatric Workshop, September 2008.
- 14) Organizer and Speaker for the College of Radiology Refresher Course 2008.
- 15) Trainer for the chest X-ray reading workshop for Vaccine trial Doctors from Uganda, Kenya and Mozambique. University of Cape Town Infectious Diseases Unit
- 16) Medecens Sans Frontiers – Paris operational centre [future digital solutions and teleradiology]
- 17) Medecens Sans Frontiers – Geneva operational centre [future digital solutions and teleradiology]
- 18) Medecens Sans Frontiers – Block day Amsterdam [teleradiology]
- 19) Medecens Sans Frontiers – Brussels operational centre [usefulness of imaging]
- 20) Medecens Sans Frontiers – TB club Paris
- 21) Medecens Sans Frontiers – reproductive health group Brussels [using ultrasound in obstetric and gynaecology]
- 22) Medecens Sans Frontiers – Surgical working group Berlin [using ultrasound for FAST; digital solutions]
- 23) Medecens Sans Frontiers – Port Harcourt project –Teme hospital staff [radiation safety and digital solutions]
- 24) Medecens Sans Frontiers – Port Harcourt project –Teme hospital theatre staff
- 25) Medecens Sans Frontiers – Barcelona operational centre
- 26) Medecins Sans Frontiers – Khayelitsha project lecture series
- 27) Medecens Sans Frontiers - HIV course Geneva
- 28) Invited lecturer: Ethics of imaging children. RSSA short course on current ethical issues in radiology 2010
- 29) Organiser of and speaker at the first anatomy workshop – Spotlight Imaging. Cape Town 2010.
- 30) Invited speaker International Pediatric Association
- 31) Anatomy spot Test mock exam Course JHB 1 August, Cape Town 14 Aug 2010
- 32) Series of lectures on Neuroimaging for paediatric neurologists Wits University 2010
- 33) Médecins Sans Frontières – monthly HIV course series of lectures Imaging children 2009 -2012
- 34) Outreach lectures to Khayelitsha practitioners November October 2012
- 35) Durban Outreach Roadshow: Series of lectures and demonstrations 26th August 2013
- 36) Pietermaritzburg Outreach Roadshow: Series of lectures and demonstrations 27th August 2013
- 36) Research Protocol development course: series of lectures and demonstrations 23rd & 24th November 2013
- 37) Ultrasound in the ICU: Red Cross Children's hospital : Series of lectures and demonstrations
- 38) SCP radiographer CME program: MRI of the brain in a child, 12th March 2013
- 39) SCP radiographer CME program: Special Considerations in Pediatric Skeletal Trauma : using MRI for problem solving, 18th July 2013
- 40) SCP radiographer CME program: Hypoxic Brain Insults : the radiological appearances, 18th July 2013
- 41) SCP radiographer CME program: Neonatal brain imaging : multimodality
- 42) SCP radiographer CME program: Neonatal ICU quality
- 43) Parklane Hospital : Use of MRI in Pediatric practice, 26 September 2013
- 44) SCP Radiology Partners: QA presentation- diagnostic errors by radiologists, 21 January 2013
- 45) Invited speaker, Tygerberg Hospital, university of Stellenbosch : CSF spaces and Feng Shui, 11th September 2013

- 46) Invited Speaker: Neonatal Brain Imaging. Rahima Moosa Hospital. 26 February 2014
- 47) Invited speaker: Pediatric TB diagnosis on Chest Radiographs. Khayelitsha District Hospital. 15 April 2014

Supervision of Masters and PhD students:

University	Total	Graduated	Submitted	Progress
University of the Witwatersrand:	Master: 31 PhD: 5	Master: 8	2	Master: 21 PhD: 5
University of Pretoria:	Master: 1 PhD: 1			Master: 1 PhD: 1
University of Stellenbosch:	Master: 19 PhD: 1	Master: 19		PhD: 1
University of Kwazulu Natal:	PhD: 1	Postponed		PhD: 1
University of Cape Town:	Master: 12 PhD: 1	Master: 1		Master: 11 PhD: 1
Total:	Master: 62 PhD: 9 Total: 71			Master: 33 PhD: 9 Total: 42

RECOGNITION FROM PEERS

Honours / Awards / Prizes

Derek Harwood-Nash Scholarship Toronto Hospital for Sick Children, 2001
Maurice Weinbren Award: College of Radiologists of South Africa 2001
Maurice Weinbren Award: College of Radiologists of South Africa 2002
Awarded full professorship from University of Witwatersrand in 2004
Awarded full professorship from the University of Stellenbosch 2005
RSNA Derek Harwood Nash Fellow 2007
Chair Professor of Radiology at University of Stellenbosch 2007
Rector's award for Outstanding Research at the University of Stellenbosch 2007
Full Professorship University of Witwatersrand 2010
Research award University of the Witwatersrand Faculty of Health Sciences 2012
Honorary member of the Society for Pediatric Radiology (SPR) (N America) 2013

RESEARCH OR OTHER GRANTS

- 1] Standard bank grant Institute of Child Health University of Cape Town 1999
- 2] Derek Harwood-Nash grant Toronto Hospital for Sick Children, 2001
- 3] MRC grant (George Du Toit et al) CXR in children with suspected TB 2002
- 4] Radiology Department grant Royal Children's Hospital 2002
- 5] MRC funding for research on the imaging of TB meningitis in children 2003
- 6] Radiological Society of South Africa for Imaging Atlas production
- 8] RSNA award for Derek Harwood Nash Fellowship 2007
- 9] Rectors award grant 2008

OTHER SCHOLARLY ACTIVITIES:

Examiner and Council Member of the College of Radiologists (2004-2009)
Chairman of 'Radiology Research Group' Stellenbosch University (2005-2008)
Chief Editor of South African Journal of Radiology (2005-2008)
Scientific Committee for ISR Pediatric Tract Organizer (2006)
Editorial Board Member for 'Pediatric Radiology' Journal (2006-2009)
Reviewer for 'Pediatric radiology' (2006-2009)
Organizer of annual refresher course (College of Radiology of South Africa) (2004-2008)
Convener think-tank for proposed national lecture programme (2007 and 2008)
Organiser Pediatric Imaging Workshop RSSA (2008)
Organiser Anatomy workshop, Spotlight Imaging (2010 - 2011)
Initiator WITS research group (2010 - 2011)
Organiser Anatomy mock spot test course (2010)
Research training Pretoria University and Medunsa, University of Limpopo (2010- 2012)
Pre-exam workshop part I and II, Spotlight Imaging 2012
Radiographer MRI talks Panorama MRI centre (2010-to date)
You-tube videos: Sav's Seven Minute Snippets (Currently also hosted by the WFPI website and the ICR TB repository)

COMMUNITY AND CLINICAL SERVICE

- UNESCO motivated Research project on violence performed with children of Herzlia High School (in print SAMJ). Children awarded by Rotary Association.

- Training of paediatric neurologists in MRI techniques at PANDA conference 2003 and 2007
- National Workshop for paediatric radiology examinations – JHB, CT and Teleconference.
- Originator and organizer of pre-exam course for College of Radiology of South Africa.
- MRI course training for radiographers.
- National panel for Radiographer role extension.
- Paediatric Imaging Workshop (Radiological Society SA and PISSA), September 2008.
- TBM project with Herschel High School National Science Expo 2008. Gold regional.
- South African TB vaccine initiative SATVI – lectures to doctors from Uganda, Mozambique and Kenya 2008
- Mediciens Sans Frontiers Intersectional Radiologist 2009 – missions to Port Harcourt (Nigeria), Jahun (Nigeria), Khayelitsha (South Africa), Swaziland.
- Monthly teaching for Mediciens Sans Frontiers doctors: paediatric TB diagnosis
- Visiting Lecturer Herchel Girls High School Cape Town
- Outreach chairman, co-ordinator and reader of X-rays for WFPI (2012- to date)
- Outreach delegation to Ehtiopia 2012
- Outreach visits to Kwazulu Natal 2013. SASPI

LEADERSHIP AND ADMINISTRATION

University – committees etc (departmental, faculty, university)

2001 Committee for restructuring of university faculties at the Institute of Child Health
 2004 Chair Professor WITS
 2004 Academic Head WITS
 2007-2008 Chair Professor of Radiology at Stellenbosch University
 2007-2008 Chairman of the Program Committee of Radiology at Stellenbosch University
 2007 Secretary of the College of Radiology
 2008 Chairman of the Education Committee of the College of Radiologists
 2008 and 2012-2014 President of the College of Radiologists of South Africa
 2008 Scientific Committee, Cross Universities Brain Imaging Center
 2009 Diagnostic Working Group 2009 Mediciens Sans Frontiers
 2010 – 2014 Full Professor WITS University
 2010 – 2014 Visiting Professor Pretoria University
 2010 – 2012 Visiting consultant Medunsa
 2011 – 2014 Part- time consultant UCT
 2012 Research co-ordinator, Radiology Wits University
 2013 International Congress of Radiology Committee 2014 - Paediatric radiology
 2012-2013 International Society fo Radiology: international committee on radiology education - Imaging TB
 2012-2013 Chariman of the South African Society of Paediatric Imaging
 2013-2014 Outreach chairman World federation of Pediatric Imaging
 2014 Outreach chairman South African Society of Paediatric Imaging

Hospital

1999 to 2001 Head of department of paediatric radiology, Red Cross Children's Hospital
2003 Head of CT, MRI and paediatric neuroradiology Red Cross Children's Hospital
2003 Acting Head of Department of Pediatric Radiology, Red Cross Children's Hospital
2004 Head of Department Johannesburg Hospital Radiology department
2006 Head of Pediatric Radiology and Research Tygerberg Hospital
2007 - 2008 Head of Department of Radiology, Tygerberg Hospital

Professional organizations and societies

2003 Founder of the unofficial Paediatric Imaging Society of Southern Africa
2004 Councillor for College of Radiology of South Africa
2007-2008 Secretary of the College of Radiology of South Africa
2007-2008 Academic Representative RSSA
2007-2008 Chairman of the Education Committee of College of Radiology
2008-2010 (and 2011-2014) President of the College of Radiology of South Africa
2011 – 2013 Chairman SASPI (South African Society of Paediatric Imaging)
2012 – to date Chairman of Outreach committee WFPI
2012 - to date Chairman of the African Society of Paediatric Imaging

Membership:

ESPR, European Society of Pediatric Imaging
CMSA, College of MEDICINE of South Africa
RSSA, Radiological Society of South Africa
SASPI, South African Society of Pediatric imaging
RSNA, Radiological Society of North America
WFPI, World Federation of Pediatric Imaging
AfSPI, African Society of Paediatric Imaging
SPR, Society of Pediatric Radiology

Office held: Chairman of SASPI (South African Society of Paediatric Imaging)

Office held: Secretary of the College of Radiology of South Africa

Office held: President of the College of Radiology of South Africa

Office held: Chairman of Outreach committee WFPI, board member WFPI

Office held: Chairman of AfSPI (African Society of Paediatric Imaging)