

Paediatric Pulmonology Report 2013

AWARDS

It is with great pride that I need to announce that Dr Adèle Pentz (a Fellow in the Division of Paediatric Pulmonology) was awarded the best Oral Presentation Award at the recent South African Thoracic Society Congress. Her paper was titled:

Decline in pulmonary function testing in individuals with cystic fibrosis in South Africa. The impact of chronic Pseudomonal infection.

Adele I am very proud of you. This is a brilliant achievement.

In June Prof Refiloe Masekela was awarded the Best Poster Presentation Award of the International Congress of Paediatric Pulmonology in Valencia, Spain. Her paper was titled:

Lack of efficacy of erythromycin in childhood HIV-related bronchiectasis: A randomized controlled trial.

Refiloe, once again, you have made us proud.

Dr Salome Abbott, has been training as a Fellow in Paediatric Pulmonology in Vancouver, Canada but has continued to be research active. She is working on a collaborative project with Prof Peter le Soueff of the University of Western Australia. This project is exploring the contribution human Rhinovirus type C makes to acute lower respiratory tract infections in children, especially HIV-infected children. She had a poster accepted for discussion at the 2013 Congress of the European Respiratory Society in Barcelona. Her paper was titled:

Lower respiratory tract infections in HIV-infected African children – A paucity of bronchiolitis.

Having a poster discussion is one step away from an oral presentation and is a big deal. Well done Salome!

Dr Omolemo Kitchin won the Best Publication Award (first prize) for his paper entitled: 'Outcome of HIV exposed and infected children admitted to a Pediatric Intensive Care Unit for respiratory failure'. Co-authors: Kitchin O, Masekela R, Moodley T, Risenga S, Green RJ. Published in: Pediatric Critical Care Medicine 2012;13:516-519

DEGREES

Prof Refiloe Masekela was awarded her PhD for a thesis titled:

Chronic inflammatory lung disease in human immunodeficiency virus-infected children. Epidemiological considerations, aetiological determinants and the efficacy of low dose erythromycin in bronchiectasis.

Dr Wim Wijnant was successful in achieving the European Diploma in Paediatric Respiratory Medicine. This is a rare honor and Wim. I couldn't be prouder of you.

Dr Adéle Pentz and Dr Katya de Campos were awarded their MMed's. Dr Adele and Katya received Diplomas in Allergology.

Dr Jeane Cloete was successful in achieving the Diploma in HIV Management from the College of Medicine of SA.

Prof Robin Green was awarded Academic Honorary Colours by the University of Pretoria, status as an 'Established Researcher' by the National Research Foundation of South Africa and his Doctor of Science degree for a thesis titled:

Atopy and acquired immune deficiency – issues of control of two extremes of a spectrum of paediatric respiratory disorders with an immunological basis.

LECTURES

The Division has given numerous local lectures at medical meetings and congresses.

Refiloe Masekela:

Asthma education what every doctor should know: UPdate 01 March 2013.

Bronchiectasis in HIV-infected children. Here be Lungs Congress 21-22 March 2013

An update on non-cystic fibrosis bronchiectasis: iThemba le Afrika Congress 2013 Combined ALLSA, South African Thoracic Society and Immunodeficiency meeting 5-9 June 2013.

Non-cystic fibrosis bronchiectasis: a perspective from a developing country. Sofia MC Paediatric Hospital 28 August 2013.

Adèle Pentz

I keep swelling up. ALLSA Focus Group Meeting Sandton 8 October 2013

Robin Green:

Allergic rhinitis and the allergic march. Here Be Lungs Congress. Stellenbosch 21-22 March 2013

Difficult asthma. Here Be Lungs Congress. Stellenbosch 21-22 March 2013

Allergic rhinitis prevalence (critical review of epidemiological studies). South African Allergic Rhinitis Working Group. Bakubung. 4 April 2013

Principles of antibiotic use to limit resistance. PMG Congress, Arabella. 19 April 2013
Management of acute otitis media – not all about antibiotics. PMG Congress, Arabella. 19 April 2013

Measuring asthma control in children – not so easy. Ithemba le Afrika Congress. Sun City. 7 June 2013

What's new in asthma. Paed Update, University of Witwatersrand. Johannesburg. August 2013

HIV in the PICU. World Federation of Pediatric Critical Care Societies Congress, Durban September 2013

Food allergy and intolerance. Pharmaceutical Council of South Africa. Johannesburg 13 August 2013

The importance of infant feeding for long term health. Turkish Paediatric Congress 2013. Antalya, Turkey. 1 November 2013

Assessing outcomes in allergy treatment. GP Update. Sandton 6 November 2013

PUBLICATIONS

The Division has had the following peer-reviewed ISN publications in 2013:

1. Masekela R, Gray D, Verwey C, Halkas A, Jeena PM. Paediatric spirometry guideline of the South African thoracic society: Part 1. S Afr Med J 2013;in press.
2. Masekela R. The immunology of bronchiectasis - complex machinery unravelled. Curr Allerg Clin Immunol 2013;26:52-57.
3. Gordon SB, Mortimer K, Masekela R. Respiratory problems in the tropics. Manson's Tropical Diseases 23rd Edition. Eds Farrar J, Hotez P, Junghanss T, Kang G, Lalloo D and White N, Pg 1038-1046

4. Wijnant W. Hyper IgE Syndrome – where allergy and immune deficiency meet. *Curr Allerg Clin Immunol* 2013;26:64-68.
5. Abbott S. Viral exacerbations of acute lung disease in children. *Curr Allergy Clin Immunol* 2013;26:59-62.
6. Pentz A, Moodley T, Green RJ. The United Airway: Allergy and beyond. *Curr Allergy Clin Immunol* 2013;26:71-74.
7. Wijant W, Masekela R. Pulmonary fibrosis in association with albinism and a bleeding diathesis in a paediatric patient: A case report. *S Afr Resp J* 2013;19:88-90.
8. Adèle Pentz, Odette Coetzee, Refiloe Masekela, Robin J Green. The impact of chronic Pseudomonal infection on pulmonary function testing in individuals with cystic fibrosis in Pretoria, South Africa. *S Afr Med J* 2013;12:in press.
9. Samy G, Sleiman R, Abdul Rahman H, Miqdady M, Al Haddad F, Reda M, Lewis H, Green RJ. Eating disorder of early childhood (EDEC) – A multicentre study of prevalence and diagnosis. *EuroPaediatrics* 2013.
10. Green RJ. Guest editorial. *Curr Allergy Clin Immunol* 2013;26:50.
11. Green RJ. The impact of asthma on children. Editorial. *S Afr Respir J* 2013;19:38.
12. Green RJ, Klein M, Halkas A, Lewis H, Kitchin O, Moodley T, Becker P, Masekela R. Disagreement among common measures of asthma control in children. *CHEST* 2013;143:117-122.
13. Masekela R, Steel HC, Anderson R, Becker P, Gongxeka H, Green RJ. Lack of efficacy of erythromycin in childhood HIV-related bronchiectasis: A randomized controlled trial. *Journal Antivirals and Antiretrovirals* 2013;5:044-049.
14. Masekela R, Zampoli M, Westwood AT, White DA, Green RJ, Olorunju S, Kwofie-Mensah M. Phenotypic expression of the 3120+1GNA mutation in non-Caucasian children with cystic fibrosis in South Africa. *Journal of Cystic Fibrosis* 2013;12:363-366.
15. Abbott S, Becker P, Green RJ. The relationship between maternal atopy and childhood asthma in Pretoria, South Africa. *ISRN Allergy* 2013; Article ID 164063.
16. Hoffmann K, Green RJ. Candida perforation of the intestine in HIV exposed but uninfected infants and neonates. *S Afr J Child Health* 2013;in press.

17. White DA, Klugman S, Weil R, Zigiariadis E, Green RJ. Pulmonary alveolar proteinosis in a paediatric patient – 3 gallons of fluid drained from the lungs and successful use of ECMO. All this in a child living in a shanty town. *S Afr J Child Health* 2013;7:in press.
18. Kling S, Zar HJ, Levin ME, Green RJ, Jeena PM, Risenga SM, Thula SA, Goussard P, Gie RP, for the South African Childhood Asthma Working Group (SACAWG). Guidelines for the management of acute asthma in children: 2012 Update. *S Afr Med J* 2013;102 (Part 2):199-207.
19. Samuel Malamulele Risenga, Giyani Patrick Shivambu, Maphotse Phillemon Rakgole, Lehumo Marothi Makwela, Ntshengedzeni Jeanette Maligavhada, Robin J Green. Latex allergy in Healthcare workers at a Teaching Hospital in Limpopo, South Africa. *S Afr Med J* 2013;103:390-394.
20. Abbott S, Els C, Boonzaaier L, Becker P, Green RJ - Should we revise the strength of the relationship between childhood asthma and atopy in the developing world? *S Afr Med J* 2013;103:485-488.
21. Green RJ, Hockman M, Friedman R, Davis M, McDonald M, Seedat R, Els C, Levin M, Potter PC, Feldman C. Chronic rhinitis in South Africa: Update 2013. *S Afr Med J* 2013;103:419-422.
22. Odette Coetzee, Robin J Green, Refiloe Masekela. A guide to performing skin-prick testing in practice: tips and tricks of the trade. *S Afr J Fam Pract* 2013;55:415-419.
23. Robin Green, Prakash Jeena, Shane Kotze, Humphrey Lewis; Mike Wells, David Webb. Management of acute fever in children. Guideline recommendations for community healthcare providers and pharmacists. *S Afr Med J* 2013;103:in press.
24. Green RJ, Pentz A, Hoffmann K. The medical dictionary, tongue in cheek edition. *S Afr Med J* 2013;in press.

The Division has the following published abstracts:

1. Green RJ, Becker P, Terblanche A, Wittenberg DF, Anderson R, Masekela R. Cytokine profile and clinical correlates of severe (hypoxic) pneumonia in HIV-infected infants. *J Allergy Clin Immunol* 2013;131:AB10.
2. Green RJ, Becker P, Terblanche A, Wittenberg DF, Anderson R, Masekela R. Cytokine profile and clinical correlates in immune deficient (HIV-infected) infants with severe (hypoxic) pneumonia. *S Afr Resp J* 2013;19:63..

3. Pentz A, Green RJ, Coetzee O, Masekela R. Decline in pulmonary function testing in individuals with cystic fibrosis. The impact of Pseudomonal infection. S Afr Resp J 2013;19:68.
4. Cloete J, Masekela R, Wijnant W, de Campos K, Pentz A, Green RJ. CMV IRIS after starting highly active antiretroviral therapy in infants with Pneumocystis jiroveci pneumonia – A case series. S Afr Resp J 2013;19:58.
5. Cloete J, Masekela R, Pentz A, Wijnant W, de Campos R, Green RJ. PCP syndrome in a Paediatric ICU in Pretoria – Ongoing improvement in survival. S Afr Resp J 2013;19:58.
6. Samy G, Sleiman R, Abdul Rahman H, Miqdady M, Al Haddad F, Reda M, Lewis H, Green RJ. Eating Disorder of Early Childhood (EDEC) – A multicentre study of prevalence and diagnosis. EuroPaediatrics 2013;Abstract.
7. Stewart C, van Rensburg J, Masekela R, Green, R, Pepper MS. Characterising Cystic Fibrosis Clinic Patients In Pretoria. South African Society for Human Genetics Congress 2013.
8. Masekela R, Zampoli M, Westwood AT, White DA, Green RJ, Olorunju S, Kwofie-Mensah M. Phenotypic expression of the 3120+1GNA mutation in non-Caucasian children with cystic fibrosis in South Africa. European CF Congress, Portugal 2013.
9. Masekela R, Steel HC, Anderson R, Becker P, Gongxeka H, Green RJ. Lack of efficacy of erythromycin in childhood HIV-related bronchiectasis: A randomized controlled trial. CIPP, Valencia, Spain 2013.
10. Abbott S, Green RJ. Lower respiratory tract infections in HIV-infected African children – A paucity of bronchiolitis. Eur Respir J 2013;
11. Cloete J, Masekela R, Wijnant W, de Campos K, Pentz A, Green RJ. CMV IRIS after starting highly active antiretroviral therapy in infants with Pneumocystis jiroveci pneumonia – A case series. WSPID 2013:429.
12. Cloete J, Masekela R, Pentz A, Wijnant W, de Campos R, Green RJ. PCP syndrome in a Paediatric ICU in Pretoria – Ongoing improvement in survival. WSPID 2013:430.

The Division had 5 abstracts accepted for UP Faculty Day in 2013.

PERSONALIA

In addition to all the work we do, we also play hard. Refiloe managed to complete a number of marathon runs and then scaled Mount Kiliminjaro to raise funds for NAEP. This is truly a momentous occasion.

On 22 November our friendly Statistician retired. Professor Piet Becker. Robin made this speech at the function:

Dear Piet

I knew immediately that this was the gift I needed to get you when I saw it. You did indicate that the Cape Robin was one of your favourite birds and it certainly is one of mine.

I have a Cape Robin in my garden at home and every time I take a walk in the garden the Robin comes down to keep me company. It is as if he is listening to me as I talk to him. I always end my visit with him by thanking him for keeping me company and I tell him that I love him.

In so many ways he reminds me of you. I have only come to know you in the last 8 years but your friendship, mentorship and support have been phenomenal. You always make time to help me, and my team, and you always chat to all of us as if we mean the world to you. My staff really see you as their friend and 'cuddly oupa'. You have honored me with your care.

So to you my very special friend, thank you for accompanying me on my journey and please know that I love you.

Take care of yourself and go in peace.

With warm regards
Robin Green

