



Irish Thoracic Society Paediatric Forum

Friday 22nd November 2019 - 9.30am to 1.15pm
Lough Atalia Suite, The Galmont Hotel, Galway

09.30 – 11.15

Research Session I:

Moderators Professor Paul McNally and Dr Fiona Healy

8.1

KALYDEKO AND LUNG INFLAMMATION IN CHILDREN (KLIC); A CASE-CONTROL COMPARISON OF G551D AND F508DEL CFTR MUTATIONS.

Butler D¹, Lennon J², Cox D^{1,2}, Greally P³, Linnane B^{2,4,5}, McNally P^{1,2,6}

¹Cystic Fibrosis Centre, Our Lady's Children's Hospital Crumlin, Dublin 12

²National Children's Research Centre, Our Lady's Children's Hospital Crumlin, Dublin 12

³Cystic Fibrosis Centre, Tallaght Hospital, Dublin 24

⁴Graduate Entry Medical School and Centre for Interventions in Infection, Inflammation & Immunity (4i), University of Limerick, Limerick, Ireland

⁶Department of Paediatrics, Royal College of Surgeons in Ireland, Our Lady's Children's Hospital Crumlin, Dublin 12

8.2

Study to Evaluate the Additional Gains of Upper and Lower Lobe Sampling in Children with CF (SEAGULLS): Safety and microbiological yield.

Butler D¹, Montague T², O'Sullivan N², Cox D^{1,2}, McNally P^{1,2}.

¹National Children's Research Centre, Crumlin, Dublin, Ireland.

²Children's Health Ireland at Crumlin, Crumlin, Dublin, Ireland

8.3

CHILD: a very rare condition: 2 cases in 3 months!

J Cloonan, B O'Flanagan, B Elnazir¹

¹Children's Health Ireland, Tallaght

8.4

Proteomic profiles in broncho-alveolar lavage (BAL) in early life predict lung disease severity in children with cystic fibrosis (CF) at age 6 years.

Walsh J², Walsh R², Persaud T², Reece E³, O'Leary C², Donnelly SC¹, Renwick J³, Greally P²

Departments of Medicine¹, Paediatrics² and Microbiology³, Trinity College, The University of Dublin, Children's Health Ireland and Tallaght University Hospital, D24 NR0A

- 8.5** **The use of augmented cough techniques including mechanical insufflation-exsufflation in children with neuromuscular disorders attending a multidisciplinary paediatric respiratory clinic.**
 F. Alahbabi¹, M. Hynes², A. Mernagh¹, F.Healy¹.
 1. Respiratory and Cystic Fibrosis Department, Children’s Health Ireland at Temple Street, Dublin 1, Ireland.
 2. Physiotherapy Department, Children’s Health Ireland at Temple Street, Dublin 1, Ireland.
- 8.6** **A review of CFTR modulator therapy and elevated vitamin E levels in CF patients at CHI at Temple Street.**
 A Farrell, M O Reilly, F Healy.
 Respiratory and Cystic Fibrosis Department, Children’s Health Ireland at Temple Street, Dublin 1, Ireland.
- 10.30 – 11.15** **State of the Art CF Reviews:**
 Gastrointestinal problems in children with CF
 Professor Paul McNally, Children’s Health Ireland at Crumlin
- 11.15 – 11.45** **Tea and coffee break**
- 11.45 – 13.00** **Research Session II:
 Moderators Professor Des Cox, CHI Crumlin; and Professor Mike Shields, Queen’s University, Belfast.**
- 8.7** **Paediatric Asthma Intensive Care Unit Admissions: A Ten-year retrospective study in a regional hospital in Ireland.**
 M. Regan¹, J. Hayden¹, P. Stewart¹, M. Herzig¹
¹Department of Paediatrics, University Hospital Galway (UHG)
- 8.8** **Exocrine Pancreatic Function in Children on Ivacaftor**
 Ingrid Hutchinson, Paul McNally
 Cystic Fibrosis Centre, Children’s Health Ireland at Crumlin, Dublin D12N512
- 8.9** **Retrospective Study of Growth in the Breastfed Infant with CF in CHI at Temple Street.**
 M O Reilly, A Farrell, S Deignan, F Healy, M Williamson.
 Respiratory and Cystic Fibrosis Department, Children’s Health Ireland at Temple Street, Dublin 1, Ireland.
- 8.10** **Sleep Disordered Breathing and Spina Bifida – A Closer Look**
 A. Walsh (1), A. Mernagh (1), C. O Prey (2), J. Leonard (2), F. Healy (1).
 1. Respiratory Department, Temple Street Children’s University Hospital, Dublin.
 2. Multidisciplinary Spina Bifida Clinic, Temple Street Children’s University Hospital, Dublin.
- 8.11** **Sleep Disordered Breathing and Spina Bifida –Experience in a Tertiary Referral Paediatric Centre**
A. Walsh (1), A. Mernagh (1), J. Caird (3), D. Crimmins (3), J. Leonard (2), F. Ringholz (1), M. Williamson (1), F. Healy (1).

1. Respiratory Department, Temple Street Children's University Hospital, Dublin.
2. Multidisciplinary Spina Bifida Clinic, Temple Street Children's University Hospital, Dublin.
3. Neurosurgical Department, Temple Street Children's University Hospital, Dublin.

8.12

CHILDREN'S FOLLOW UP ORKAMBI REAL WORLD MULTIPLE BREATH WASHOUT STUDY (CFORMS)

Emma J Costigan¹, Rebecca McLoughlin¹, Paul McNally^{1,2,8}, Michael Williamson³, Barry Linnane^{1,4}, Basil Elnazir⁵, Peter Greally⁵, Jane C Davies⁶, Harm Tiddens⁷, Jennifer Lennon¹, Áine M Fleming¹, Paulina Witkowska¹, Magdalena Mulligan⁴, Christopher Short⁶, Claire Saunders⁶, Desmond W Cox^{1,2}

1. National Children's Research Centre, Crumlin, Dublin 12.
2. Respiratory Department, CHI at Crumlin, Crumlin, Dublin 12.
3. CHI at Temple Street, Temple St, Rotunda, Dublin 1
4. University Hospital Limerick, St Nessian's Rd, Dooradoyle, Co. Limerick
5. CHI at Tallaght, Tallaght University Hospital, Cookstown, Dublin 2.
6. Royal Brompton Hospital Sydney St, Chelsea, London, UK
7. Erasmus University Medical Center, Rotterdam, Netherlands
8. Royal College of Surgeons Ireland, 23 St Stephen's Green, Dublin

12.45 – 13.00

State of the Art Respiratory Reviews:

Assessment and Management of difficult asthma in children

Dr Dara O'Donoghue and Professor Mike Shields, Belfast

13.00

Paediatric prizegiving

13.15

Close of Paediatric Forum