

Dr Jessie Anne de Bruyne
Associate Professor
MBChB(Sheffield,UK), MRCP(UK)
Department of Paediatrics, University Malaya Medical Centre, Kuala Lumpur 59100, Kuala Lumpur, Malaysia

Current Appointment

Lecturer and Paediatrician (since 1991)
Associate Professor and Consultant Paediatrician (since 1991)
Associate Professor and Consultant Paediatrician & Consultant Paediatric Respiratory Physician (since 2007)
Department of Paediatrics
University Malaya Medical Centre

Head, Paediatric Respiratory Unit
Head, Paediatric Trauma & Emergency Unit

Graduated from Sheffield University Medical School, UK (Distinction in Surgery)
House jobs and registrar rotation in Sheffield, UK
Returned to Malaysia and joined the University Hospital (currently University Malaya Medical Centre) in Kuala Lumpur as a lecturer in 1991

Research interests

Asthma epidemiology – International Study of Asthma and Allergy in Childhood (ISAAC)
Management of respiratory diseases in childhood
- START study
- MOSAIC study
- RSV montelukast study
- Monitoring and improving asthma control
Emergency Care in Paediatrics
Long-acting bronchodilator safety studies
-SPIRO study
-VESTRI study
Pneumonia in children – aetiology, impact and antibiotic duration
Influenza infection in children - impact

Professional and other Societies

Malaysian Paediatric Association (member – former Hon Sec)
Malaysian Thoracic Society (Hon Treasurer)
Asia Pacific Association of Paediatric Allergy, Respiriology and Immunology (council member)
Asia Pacific Society of Respiriology (member)
Asian Paediatric Respiratory Interest Group (founding member)
Asian Paediatric Pulmonology Society
Malaysian Society of Allergy & Immunology (member – former committee member)
Lung Foundation of Malaysia (Board member)
Children's Asthma Club (founding member and Hon Secretary)

Recent Publications

Book chapters

de Bruyne, J.A. Tuberculosis and BCG vaccine. In Lee, E.L. & Choo, K.E. (ed). *Malaysian Immunisation Manual 2001*. Chap 4. College of Paediatrics, Academy of Medicine of Malaysia.
2nd edition 2008
de Bruyne, J.A. 1) Acute Asthma 2) Chronic Asthma. In Lee Way Seah, Thong Meow Keong, Wong Chee Piau (ed). *Handbook of Hospital Paediatrics*. Unipress

Journals (since 2010)

- Anna Marie Nathan, Fairuz Rani, Rachel Jiun Yi Lee, Rafdzah Zaki, Caroline Westerhout, I-Ching Sam,

Lucy Chai See Lum, Jessie de Bruyne. Clinical Risk Factors for Life-Threatening Lower Respiratory Tract Infections in Children: A Retrospective Study in an Urban City in Malaysia. PLOS ONE 2014;9(10); e111162

- Eng Meng Lai, Anna Marie Nathan, Jessie deBruyne, Lee Lee Chan. Should all children admitted with community acquired pneumonia have blood cultures taken? Indian J Pediatr 2014;DOI 10.1007/s12098-014-1565-6
- Anna Marie Nathan, Rafdzah Zaki, Rachael Rozario, Nurul Dhanial, Siti Nur Sabrina, Eg Kah Peng, Kee Sze Ying, Cindy Teh, Kartini Abdul Jabar, Caroline Westerhout¹, Surendran Thavagnanam¹, Jessie de Bruyne Cross cultural translation, adaptation and reliability of the Malay version of the Canadian Acute Respiratory Illness and Flu Scale (CARIFS). Health and Quality of Life Outcomes (2015) 13:139. DOI 10.1186/s12955-015-0336-z
- Nor'e, S.S., Sam, I.C., Mohamad Fakri, E.F., Hooi, P.S., Nathan, A. M., deBruyne, J.A. Jafar, F, Hassan A, Abu Bakar s, Chan Y.F. Phylogenetic analysis of human metapneumovirus among children with acute respiratory infections in Kuala Lumpur, Malaysia. Tropical biomedicine 31(3):562-566(2014)
- Nathan, AM, Muthusamy, A, Thavagnanam, S, Hashim, A, de Bruyne, J. 2014. Chronic Suppurative Lung Disease in a Developing Country: Impact on Child and Parent. Pediatric Pulmonology. 2014 May;49(5):435-40
- Anna Marie Nathan, Jessie de Bruyne, Farah Khalid and Kulantheran Arumugam. Caesarean section and asthma in Malaysian children: a case-control study. Asian Pac J Allergy Immunol 2012;30:204-8
- Su Sien Wong & Anna Marie Nathan & Jessie de Bruyne & Rafdzah Zaki & Siti Zurinah Mohd Tahir. Does a Written Asthma Action Plan Reduce Unscheduled Doctor Visits in Children? Indian J Pediatr DOI 10.1007/s12098-012-0839-0
- Chan YF, Jafar FL, Nathan AM, de Bruyne JA, Hassan A, Nor'e SS, AbuBakar S, Sam IC. Diverse human rhinoviruses A and C from children with respiratory infections in Kuala Lumpur, Malaysia, J Infect (2012), DOI 10.1016/j.jinf.2012.03.011
- K.P. Eg, A.M. Nathan, J. deBruyne, F. Khalid. Do aeroallergen sensitization and immunoglobulin E levels correlate with severity of asthma in Malaysian children? Paediatric Respiratory Reviews 13S1 (2012) S52
- R Ngui, YAL Lim, SC Chow, JA de Bruyne, CK Liam. 2011. Prevalence of Bronchial Asthma Among Orang Asli in Peninsular Malaysia. Med J Malaysia 66(1):27-31
- Non-invasive ventilation in a tertiary pediatric intensive care unit in a middle-income country - a prospective cohort study. LCS Lum, ME Abdel-Latif, JA deBruyne, AM Nathan, CS Gan. Pediatrics Critical Care Medicine 2010; 11(4):1-7



Jessie de Bruyne

14.11.2016