



CURRICULUM VITAE: Prof Andrew Ewer MD MRCP(UK) FRCPCH
Professor of Neonatal Medicine, University of Birmingham

Medical School University of Birmingham Medical School. 1980 - 1985
MB ChB 1985. Honours in Paediatrics and Child Health

Professional Qualifications	MRCP(UK)	1989
	FRCPCH	1997
	MD	1998 (University of Birmingham).

Membership of Societies British Medical Association. 1984 - date.
Royal College of Physicians of London. 1989 - date.
Paediatric Research Society. 1992 - date.
The Neonatal Society. 1993 - date.
Royal College of Paediatrics and Child Health. 1996 - date.
British Association of Perinatal Medicine. 1997 - date.

Current Post: Professor of Neonatal Medicine, University of Birmingham
Honorary Consultant Neonatologist, Birmingham Women's Hospital

Previous Posts:
1/8/12 - date Reader in Neonatal Paediatrics, University of Birmingham
Honorary Consultant Neonatologist, Birmingham Women's Hospital

1/10/09 – 30/07/12 Senior Lecturer in Neonatal Paediatrics University of Birmingham
Honorary Consultant Neonatologist, Birmingham Women's Hospital

1/9/96 – 30/9/09 Senior Research Fellow, University of Birmingham
Honorary Consultant Neonatologist, Birmingham Women's Hospital

Research publications relating to pulse oximetry screening

1. Singh A, Ewer AK. Newborn pulse oximetry screening. *J Paediatr Child Health*. 2014;50:841–842.
2. Ewer AK. Evidence for CCHD screening and its practical application using pulse oximetry. *Early Human Development* 2014;90:suppl 2 S19-21.
3. Ewer AK. Pulse oximetry screening: do we have enough evidence now? *Lancet* 2014;384:725-6.
4. Singh AS, Rasiah SV, Ewer AK. The impact of routine pre-discharge pulse oximetry screening in a regional neonatal unit. *Arch Dis Child Fetal and Neonatal Ed* 2014; 99:F297-F302. Published Online First: 19 March 2014 doi:10.1136/archdischild-2013-305657.
5. King EM, Lieu C, Kasasa A, Ewer AK, Thangaratnam S. Pulse oximetry as a screening tool to detect hypoxia associated with early-onset sepsis in asymptomatic newborns: A feasibility study in a low-income country. *British Journal of Medicine and Medical Research* 2014;4:1115-1128.
6. Ewer AK, Granelli A, Manzoni P, Sánchez Luna M, Martin GR. Pulse Oximetry screening for critical congenital heart defects: time for European consensus? *Lancet* 2013;382:856-7.
7. Ewer AK. Pulse oximetry screening for critical congenital heart defects. *Arch Dis Child Fetal and Neonatal* 2013 Aug 9 [Epub ahead of print].
8. Singh A, Ewer AK. Pulse oximetry screening for critical congenital heart defects: a UK national survey. *Lancet* 2013;381:535.
9. Ewer AK. Review of pulse oximetry screening for critical congenital heart defects. *Current Opinions in Cardiology* 2013;28:92-6.
10. Ewer AK. How to develop a business case to establish a neonatal pulse oximetry programme for screening of congenital heart defects. *Early Hum Dev*. 2012;88:915-9.
11. Powell R, Pattison HM, Bhojar A, Furnston AT, Middleton LJ, Daniels JP, Ewer AK. Pulse oximetry as a screening test for congenital heart defects in newborn infants: an evaluation of acceptability to mothers. *Arch Dis Child Fetal and Neonatal Ed* 2013;98:F59-F63.
12. Thangaratnam S, Brown K, Zamora J, Khan KS, Ewer AK. Pulse oximetry screening for critical congenital heart defects (CCHD) in asymptomatic newborns: a systematic review and meta-analysis. *Lancet* 2012;379:2459-2464.
13. Ewer AK, Furnston AT, Middleton LJ, Deeks JJ, Daniels JP, Pattison HM, Powell R, Roberts TE, Barton P, Auguste P, Bhojar A, Thangaratnam S, Tonks AM, Satodia P, Deshpande S, Kumararatne B, Sivakumar S, Mupanemunda R, Khan KS. Pulse oximetry as a screening test for congenital heart defects in newborn infants: a test accuracy study with evaluation of acceptability and cost-effectiveness. *Health Technol Assess* 2012 Jan;16(2):1-184.

14. Roberts TE, Barton P, Auguste P, Middleton LJ, Furnston AT, Ewer AK. Pulse oximetry as a screening test for congenital heart disease in newborn infants: a cost effectiveness analysis. *Arch Dis Child* 2012;97:221-226. Epub 2012 Jan 13.
15. Ewer AK, Middleton LJ, Furnston AT, Bhoyar A, Daniels JP, Thangaratinam S, Deeks JJ, Khan KS. Pulse oximetry as a screening test for congenital heart defects in newborn infants (PulseOx): a test accuracy study. *Lancet* 2011;378:785-94. Epub 2011 Aug 4.
16. Thangaratinam S, Daniels J, Ewer AK, Zamora J, Khan KS. The accuracy of pulse oximetry in screening for congenital heart disease in asymptomatic newborns: a systematic review. *Arch Dis Child Fetal Neonatal Ed* 2007;92:F176-80.

Selected Invited lectures on pulse oximetry screening at International/National meetings

November 2014. 4th Rencontres Francophones Multidisciplinaires des Cardiopathies Congénitales. CCHD screening – why and how? Bordeaux ,France.

October 2014. Scottish Hot Topics meeting Pulse oximetry screening for critical congenital heart defects. Glasgow.

October 2014. Cochrane Neonatal Group, Web Seminar. Screening for critical congenital heart defects in neonates using pulse oximetry.

September 2014. 5th Shanghai Symposium on Pediatric Cardiovascular Disease. UK experience of pulse oximetry screening. Shanghai, China

September 2014. 5th International Conference on Clinical Neonatology. Evidence for CCHD Screening and its practical application using Pulse Oximetry. Turin Italy.

September 2013. Filiale de Cardiologie Pédiatrique et Congénitale of the Société Française de Cardiologie. Dépistage des cardiopathies congénitales par mesure systématique de la saturation à l'oxymètre de pouls. Nantes, France.

October 2013. Joint Paediatric Cardiology meeting on behalf of Royal College of Paediatrics Child Health/Royal Society Medicine. Role of pulse oximetry in Screening for Critical CHD. London.

September 2013. Filiale de Cardiologie Pédiatrique et Congénitale of the Société Française de Cardiologie. Dépistage des cardiopathies congénitales par mesure systématique de la saturation à l'oxymètre de pouls. Nantes, France.

August 2013. 16th Annual Scientific Congress of the Sri Lanka College of Paediatricians. Pulse oximetry screening for congenital heart disease in newborn infants. Colombo, Sri Lanka.

June 2013. The joint meeting of the Royal College of Paediatrics and Child Health and the European Paediatric Association. Pulse oximetry screening for CHD – where are we and where next? Glasgow.

April 2013. China Summit on Newborn Screening and Early Detection of Congenital Heart Disease. Pulse oximetry screening for congenital heart defects. Beijing, China.

December 2012. Imperial College Neonatal Update 2012 'The Science of Newborn Care.'
How to develop a business case to establish a neonatal pulse oximetry programme for
screening for congenital heart defects. London.

September 2012. Teesside Neonatal Cardiology and Haemodynamics Conference. Pulse
oximetry for early diagnosis of CHD: science vs. practice. Teesside UK.

May 2012. Westmead International Update on Controversies in Perinatal Care. Pulse oximetry
screening for congenital heart disease in newborn infants. Sydney, Australia,

October 2012. Langdales Neonatal Forum. Pulse oximetry as a screening test CHD in
newborn infants. Langdales UK.