

Curriculum Vitae

James Patrick McKaigue

Consultant Paediatric Anaesthetist

Royal Belfast Hospital for Sick Children

UNDERGRADUATE

MB BCh BAO

The Queen's University of Belfast

July 1982

POSTGRADUATE

FFARCS(Irel.)

The Royal College of Surgeons in Ireland May 1986

Doctor of Medicine by Thesis (MD)

The Queen's University of Belfast

December 1992

Title of Thesis: Effects of adrenergic drugs on control of cardiovascular reflexes in man

EMPLOYMENT

From	To	
1/8/82	31/7/83	Pre-registration House Officer, Belfast City Hospital
1/8/83	31/7/84	Senior House Officer, Anaesthetics, Belfast City Hospital
1/8/84	31/7/85	Senior House Officer, Anaesthetics, Royal Victoria Hospital, Belfast
1/8/85	31/7/86	Senior House Officer, Anaesthetics, Altnagelvin Area Hospital, Derry
1/8/86	31/10/89	Research Fellow, Department of Therapeutics and Pharmacology, The Queen's University of Belfast
1/11/89	31/7/90	Senior House Officer, Anaesthetics, Royal Victoria Hospital, Belfast
1/8/90	31/7/91	Registrar, Anaesthetics, Waveney Hospital, Ballymena
1/8/91	31/7/92	Registrar, Anaesthetics, Belfast City Hospital
1/8/92	31/7/93	Senior Registrar, Anaesthetics, Ulster Hospital, Dundonald
1/8/93	31/7/94	Senior Registrar, Anaesthetics, Royal Victoria Hospital, Belfast
1/8/94	31/7/95	Clinical Fellow in Cardiothoracic Anaesthesia, Freeman Hospital, Newcastle upon Tyne
1/8/95	Current	Consultant Paediatric Anaesthetist, Royal Belfast Hospital for Sick Children

MANAGEMENT AND COMMITTEES

Anaesthetic Rota Organiser Children's Hospital. 1996 - 1999, Nov 2006 - Current

Lead Clinician Paediatric Anaesthesia July. 1997 - July 1999

Member Trust Transfusion Committee. June 2000 - May 2009

Executive Committee Member Association of Paediatric Anaesthetists. 2002 - 2006

AUDIT

Convenor for Paediatric Anaesthesia Audit Group. February 2000 to May 2004

AUDITS

Audit of 60 patients undergoing cleft lip and palate surgery over the period January 2001 - November 2001

Audit of inappropriate cross-matching of blood in the Children's Hospital over the period October 2001 - March 2002

TEACHING

Advanced Paediatric Life Support Instructor 1998 - 2002

Medical Undergraduates on the topic of Consent 'Ethical Issues in Paediatrics Special Study Module'

Trainee Anaesthetists on the topic of IV Fluids, Blood and Blood Products

Nurse teaching on the topic of Interpreting Blood Gas Results

Nurse teaching on paediatric pain management

WIDER NHS

APA Interdepartmental Peer Review

Lead Author and Assessor of Peer Review Report of Anaesthetic Department of Sheffield Children's Hospital. November 2000.

Contributory author of Peer Review Report of Anaesthetic Department of Royal Hospital of Sick Children, York Hill, Glasgow. November 2001.

Coordinator within anaesthetic department of RBHSC for Peer Review by APA. February 2003.

Northern Ireland Paediatric Anaesthesia Group

Member

PUBLICATIONS

Whitehead, E.M., McKaigue, J.P., Riddell, J.G. & Shanks, R.G. (1988). Beta-adrenoceptor antagonism and cardioselectivity of dilevalol in man.
Br. J. Clin. Pharmacol., 25, 637P-638P.

McKaigue, J.P., Riddell, J.G. & Shanks, R.G. (1988). The effects of dilevalol 200mg and labetalol 400mg on the pressor response to phenylephrine in man.
Clin. Pharmacol. Ther., 43, 149.

Riddell, J.G., McKaigue, J.P., Fitzsimons, T.J. & Shanks R.G. (1988). The dose dependency of the cardioselectivity of metoprolol in man.
Clin. Pharmacol. Ther., 43, 151.

Harron, D.W.G., McKaigue, J.P., Burke, M.T., Riddell, J.G., Shanks, R.G. & Cox, D. (1989). Effects of intravenous and oral UK-52,046, an alpha-1 adrenoceptor antagonist, on heart rate and blood pressure in man.
Br. J. Clin. Pharmacol., 27, 680P-681P.

Bingger, W., Mitchell, R.H., Harron, D.W.G., McKaigue, J.P. & McAloney, R.B. (1989). Real time analysis of Valsalva's Maneuver.
Comput. Biol. Med., 19, 319-329

McKaigue, J.P., MacLennan, B.A. & Harron, D.W.G. (1990). The effects of xamoterol on tests of autonomic function in man.
Br. J. Clin. Pharmacol., 29, 631P-632P.

McAloney, R.B., Donnelly, P., Mitchell, R.H., McKaigue, J.P. & Harron, D.W.G. (1990). Computerized evaluation of baroreflex function in man using vasoactive drugs.
Automedica, 12, 237-242.

McKaigue, J.P. & Harron, D.W.G. (1990). Effect of UK-52,046, an alpha-1 adrenoceptor antagonist, on baroreflex function in man.
Br. J. Clin. Pharmacol., 30, 579-584.

McKaigue, J.P. & Harron, D.W.G. (1992). The effects of rilmenidine on tests of autonomic function in humans.
Clin. Pharmacol. Ther., 52, 511-517.

Tham, T.C.K., McKaigue, J.P., Guy, S., Shanks, R.G. & Riddell, J.G. (1993). The dose dependency of the alpha-adrenoceptor antagonist and beta- adrenoceptor partial agonist activity of dilevalol and labetalol in man.

Br. J. Clin. Pharmacol., 36, 251-256.

McAtamney, D. & McKaigue, J.P. (2000). Severe bronchospasm relieved by papaverine?

Anaesthesia, 55, 2, 187-188

Villenave, R., Touzelet, O., Thavagnanam, S., Sarlang, S., Parker, J., Skibinski, G., Heaney, L.G., McKaigue, J.P., Coyle, P.V., Shields, M.D. & Power, U.F. (2010). Cytopathogenesis of Sendi Virus in well-differentiated primary pediatric bronchial epithelial cells.

J. Virol., 84, 22, 11718-11728

Villenave, R., O'Donoghue, D., Thavagnanam, S., Touzelet, O., Skibinski, G., Heaney, L.G., McKaigue, J.P., Coyle, P.V., Shields, M.D. & Power, U.F. (2011). Differential cytopathogenesis of respiratory syncytial virus prototypic and clinical isolates in primary pediatric bronchial epithelial cells.

Virology Journal, 8, 43

Villenave, R., Thavagnanam, S., Sarlang, S., Parker, J., Douglas, I., Skibinski, G., Heaney, L.G., McKaigue, J.P., Coyle, P.V., Shields, M.D. & Power, U.F. (2012). In vitro modeling of respiratory syncytial virus infection of pediatric bronchial epithelium, the primary target of infection in vivo.

PNAS, 109, 13, 5040-5045.

PRESENTATIONS

McKaigue, J. P. Pro/Con Debate: 'Muscle Relaxants are no longer needed for Tracheal Intubation'
Association Paediatric Anaesthetists Annual Scientific Meeting
13th March 2004. Edinburgh

Contribution to other presentations

Montague, T., McKaigue, J.P., Hainsworth, A.M., Stewart, T.J. & Toner, J. Effect of surgical technique on post-operative tonsillectomy pain.
3rd European Congress of Paediatric Anaesthesia
2nd - 4th September 1993. Liverpool

O'Donoghue, D.B., Reid, R., Deyermund, R., McKaigue, J.P. & Steen, H. Use of recombinant human DNase (rhDNase) as a mucolytic agent in non-cystic fibrosis patients.
Paediatric Research Society
May 2001. Belfast