

**ROBERT HENRY TAYLOR**

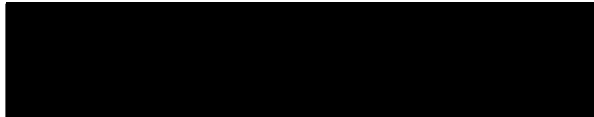
Home Address:



Date of Birth:



Status:



## EDUCATION AND QUALIFICATIONS:

- 1976-1982 M.B., B.Ch., B.A.O. July 1982  
Queens University Belfast, Northern Ireland.
- 1986 F.F.A.R.C.S.I. April 1986  
Royal College of Surgeons of Ireland, Dublin.
- 1987 Medical Council of Canada Evaluating Examination  
(MCCEE), London, UK. March 1987
- 1988 Paediatric Critical Care Fellowship.  
Toronto, Canada. June 1988
- 1988 Paediatric Anaesthesia Fellowship.  
Toronto, Canada. June 1989
- 1994 Advanced Paediatric Life Support (APLS); Provider.  
Belfast, November 1994
- 1995 Advanced Paediatric Life Support (APLS); Instructor.  
Manchester, May 1995
- 1997 Master of Arts. Medical Ethics and Law  
Queens University Belfast, Northern Ireland.
- 2001 Pediatric Education for Prehospital Personnel. (PEPP) Instructor  
Maidstone, Kent. October 2001
- 2003 Safe Transfer and Retrieval (STAR) Course Instructor.  
Manchester. March 2003-11
- 2003 Generic Instructor Course (GIC) Instructor.  
Manchester. September 2003-11
- 2005 Air Medical Course. Instructor  
Belfast December 2005
- 2006 Advanced Life Support.  
Belfast May 2006, 2011

## MEMBERSHIP OF LEARNED SOCIETIES:

The General Medical Council (Registration 2619707)  
Association of Anaesthetists of Great Britain and Ireland  
College of Anaesthetists the Royal College of Surgeons in Ireland.  
Association of Paediatric Anaesthetists.  
Northern Ireland Society of Anaesthetists.  
Paediatric Intensive Care Society.  
Ulster Paediatric Society.  
Northern Ireland Ethics Forum (Vice-President)

## APPOINTMENTS:

- August 1982- House Officer, General Surgery.  
January 1983 Coleraine Hospital, Northern Ireland.
- February 1983- House Officer, General Medicine,  
July 1983 Coleraine Hospital. Northern Ireland.
- August 1983- Senior House Officer, Anaesthesia.  
July 1984 Altnagelvin Hospital, Londonderry.
- August 1984- Senior House Officer, Anaesthesia.

July 1985	Royal Victoria Hospital, Belfast.
August 1985-	Senior House Officer, Anaesthesia/RICU.
July 1986	Royal Victoria Hospital. Belfast.
August 1986-	Registrar, Anaesthesia.
July 1987	Daisy Hill Hospital, Newry, Northern Ireland.
August 1987-	Senior Registrar (Locum)/Honorary Senior Tutor.
July 1988	Anaesthesia. Royal Victoria Hospital Belfast.
July 1988-	Clinical Fellow, Paediatric Critical Care.
June 1989	The Hospital for Sick Children, Toronto.
July 1989-	Clinical/Research Fellow, Paediatric Anaesthesia.
June 1990	The Hospital for Sick Children, Toronto, Canada.
July 1990-	Senior Registrar, Anaesthesia/RICU.
August 1990	Royal Victoria Hospital, Belfast.
August 1990-	Senior Registrar, Anaesthesia.
January 1991	Belfast City Hospital, Belfast.
February 1991-	Consultant in Paediatric Anaesthesia & Intensive Care.
Present	The Royal Belfast Hospital for Sick Children.

#### **INVITED SPEAKER:**

1. *New volatile agents in Paediatric Anaesthesia.* Faculty of Anaesthetists, Autumn Meeting. Cork, Ireland. October 1991.
2. *Infusion Analgesia in Children.* Pain Symposium, RVH, Belfast. 29<sup>th</sup> April 1992.
3. *Management of the Critically Burnt Patient.* Faculty of Anaesthetists, Autumn Meeting. Dublin, Ireland. 13<sup>th</sup> October 1992.
4. *Towards Pain Elimination.* Pain Symposium, Belfast. 1993.
5. *Local blocks and epidurals.* Positive Pain Conference. November 1993.
6. *Meningococcal Septicaemia.* Paediatric Intensive Care Foundation Day Conference. Crumlin Hospital, Dublin. November 1993.
7. *Aspects of Paediatric Airway Management.* Fibreoptic Intubation Symposium. Stormont Hotel, Belfast. October 1995
8. *Aspects of Paediatric Dental Anaesthesia.* British Paediatric Dentists Association (NI). 13<sup>th</sup> Nov 1995
9. *Meningococcal Septicaemia.* Northern Ireland Society of Anaesthetists 16<sup>th</sup> Nov 1995.
10. *Towards Pain Elimination in Children.* Pain Conference, Antrim Area Hospital. 30<sup>th</sup> April 1997
11. *Who should anaesthetise the sick child?* Royal Victoria Hospital, Bicentenary meeting. May 22-24, 1997
12. *Early management and transfer of the septic child.* Ulster Paediatric Society, Annual Meeting. March 18, 1998
13. *Paediatric Dental Anaesthesia in the Community.* BDA, Belfast Community Dentists. June 17, 1998
14. *Caring and Sharing.* Meningitis Research Foundation: Members evening, Antrim. Oct, 1998
15. *Paediatric Retrieval.* Accident and Emergency Medicine Group. Wellington Park Hotel. Feb 22<sup>nd</sup> 1999
16. *What the Sleepy Doctor Does.* MucoPolySaccharidosis Society, Stakis Hotel. April 30<sup>th</sup>, 1999
17. *Controversies in Paediatric Anaesthesia.* (Chairman of Session) Paediatric Anaesthesia Travelling Society of Ireland. 4<sup>th</sup> June 1999

18. *Breathing new Life*. Scientific Meeting for the retirement of Dr M Lyons, OBE. Belfast 18th February 2000
19. *Ethics of Risk; Introducing New Techniques and Technology*. World Congress of Anesthesiologists, Montreal 7th June 2000
20. *New Machines*. World Paediatric Anaesthesia Meeting, Halifax, Nova Scotia. 15th June 2000
21. *Levobupivacaine, Paediatric Challenges*. European Society of Regional Anaesthesia, Rome, September 2000
22. *Clinical Ethics*. Irish Cardiac Nurses Conference. 27/9/2001
23. *Levobupivacaine in infants and Children* European Society of Anaesthesia, Gothenburg April 2001
24. *Ropivacaine versus Levobupivacaine debate*. Paediatric Anaesthesia travelling Society of Ireland. Dublin, May 2001
25. *How do I resolve ethical conflicts!*, John Radcliffe Hospital, Oxford, 17/10/2001
26. *Home ventilation for infants and children*, NI Childrens Hospice, 24/10/2001
27. *Levobupivacaine in infants*. Canadian Society of Paediatric Anaesthesia, Toronto 9/11/2001
28. *LMA means lose my airway!*. HSC Conference, Toronto 9/11/2001
29. *I Know CPR-maybe not*. HSC Conference, Toronto 11/11/2001
30. *Paediatric emergencies*. BDA, Belfast Community Dentists. 14/11/2001
31. *Bupivacaine; the weakest link*; Belgian Society of Anaesthesia, Brussels 15/11/2001
32. *Consent; Ethical Framework*, RGH Trust Ethics Course 22/11/01
33. *Technology dependent children*, RCN, Community Children's Nurses, 27/11/2001
34. *A Difficult Case*. UK Paediatric Long-term ventilation, London, 4/12/01
35. *Consent and Ethics* Dungannon Nursing Degree Course, 13/12/01
36. *Recognition of the sick child*. Child Health Surveillance Course, Belfast Sept 05
37. *Paediatric airway Management*. Assocn for Perioperative Practice June 05, London
38. *Ethical Decisions*. Paediatric Pharmacists Conference, Europa Hotel, Nov 2005
39. *I'm an adolescent get me into here .....Debate*. Keble College, Oxford. Oct 2005

#### RESEARCH PRESENTATIONS:

1. Near Drowning. Neuroscience Meeting, The Hospital for Sick Children, Toronto. 12th December 1988.
2. Efficiency of delivery of salbutamol by metered dose inhaler. The Hospital for Sick Children, Paediatric Anaesthesia Conference. 3rd November 1989.
3. Amrinone versus dopamine after cardiac surgery in infants and children. The Hospital for Sick Children, Paediatric Anaesthesia Conference. 3rd November 1989.
4. Data acquisition from anaesthetic monitoring equipment using a pocket computer. Scientific Exhibit. Postgraduate Assembly of Anesthesiologists, New York. 10th December 1989.
5. Amrinone versus dopamine after cardiac surgery in infants and children. IARS Honolulu. 13th March 1990.
6. Cerebral hemodynamics during non-pulsatile cardiopulmonary bypass in infants. American Academy of Pediatrics, Seattle, USA. April 1990.
7. Experimental aerosol delivery via pediatric tracheal tubes. American Academy of Pediatrics, Seattle, April 1990.
8. Aerosol characteristics in small tubes. Residents conference. Toronto 11th May 1990.
9. Desflurane anaesthesia in paediatric patients. Residents conference. Toronto, 1990.

10. Salbutamol delivery using metered dose inhaler in pediatric size tracheal tubes. World Congress of Lung Health, Boston, Massachusetts, May, 1990. (Poster Display).
11. Experimental aerosol delivery by metered dose inhaler via pediatric size tracheal tubes. Canadian Anaesthetists Society meeting, Vancouver. June 20th 1990. Finalist in the Residents Competition.
12. Does the haemoglobin concentration predict post-op apnea in ex-preterm infants? Canadian Anaesthetists Society meeting, Vancouver. June 21st 1990 (Poster Discussion).
13. Logging of anaesthetic data with a Psion computer (Scientific Exhibit). Canadian Anaesthetists Society meeting, Vancouver. June 21st 1990.
14. Cerebral hemodynamics in infants during cardiopulmonary bypass. CAS meeting (Poster Discussion) Vancouver. June 22nd 1990.
15. Cerebral Autoregulation during cardiopulmonary bypass is temperature dependent in infants. American Society of Anesthesiologists, Annual Meeting, Las Vegas. Oct 1990.
16. Cardiovascular responses during desflurane anaesthesia in infants and children. American Society of Anesthesiologists, Annual Meeting, Las Vegas. October 1990.
17. Induction and recovery characteristics of Desflurane in infants and children (Poster Discussion). ASA, Annual Meeting, Las Vegas. Oct 1990.
18. Metered dose inhaler delivery dose in catheters and tracheal tubes. ASA, Annual Meeting, Las Vegas. October 1990.
19. Does the addition of fentanyl improve the analgesia of continuous epidural bupivacaine in children? APA Belfast, March 1993.
20. An evaluation of caudal analgesia supplemented with rectal diclofenac in children. 3rd European Congress of Paediatric Anaesthesia. Liverpool, September 1993.
21. Meningococcal sepsis in children. Intensive Care Society of Ireland. Athlone, Nov 1994.
22. Reduction in mortality from Meningococcal Sepsis. 2nd World Congress of Paediatric Intensive Care, The Hague, Holland 24th June 1996.
23. Refused emergency admissions to a Paediatric ICU. Intensive Care Society of Ireland. 14th June 1997.
24. Paediatric ICU; Five-year outcome. Paediatric Intensive Care Society. 23<sup>rd</sup> April 1999.
25. Comparison of nerve blocks in children in the USA, Australia and Northern Ireland. World Congress of Anesthesiologists, Montreal 6th June 2000

#### **PUBLICATIONS:**

1. Taylor RH, Dwyer R, Howe JP. A hazard with vecuronium. Anaesthesia. 1985 May;40(5):501-2. PMID: 2861760
2. McAleer JJ, Murphy GJ, Taylor RH, Moran JL, O'Connor FA. Trends in the severity of self-poisoning. J R Soc Med. 1986 Feb;79(2):74-5. PMID: 3950899
3. Taylor RH, Keilty SR. Mastocytosis and Anaesthesia. Today's Anaesthetist. 1987
4. Dwyer RC, Atkinson R, Taylor RH, Fee JPH. Program for the BBC B microcomputer to record data from anaesthetic monitoring equipment. Anaesthesia. 1988;44:812
5. Taylor RH, Milligan KRM. A year in North America; How to arrange it. Journal of the Royal College of Surgeons in Ireland. 1989;13:45
6. Taylor RH, Burrows FA, Bissonnette B. No flow during low-flow cardiopulmonary bypass. J Thorac Cardiovasc Surg. 1991 Feb;101(2):362-4. No abstract available. PMID: 1992249 (Also In Reply.) J. Thorac. Cardiovasc. Surg. 1991;101(2):362-5
7. Taylor RH. Procedures. Chapter (IV) in The Hospital for Sick Children, Toronto, Residents Handbook 1991.

8. Taylor RH, Bissonnette B, Atkinson GR. Anaesthetic data logging using a Psion pocket computer. *Can J Anaesth.* 1990 Apr;37(3):386-7. No abstract available. PMID: 2322978
9. Taylor RH, Lerman J. High-efficiency delivery of salbutamol with a metered-dose inhaler in narrow tracheal tubes and catheters. *Anesthesiology.* 1991 Feb;74(2):360-3. PMID: 1990910
10. Hillier SC, Burrows FA, Bissonnette B, Taylor RH. Cerebral hemodynamics in neonates and infants undergoing cardiopulmonary bypass and profound hypothermic circulatory arrest: assessment by transcranial Doppler sonography. *Anesth Analg.* 1991 Jun;72(6):723-8. PMID: 2035855
11. Taylor RH, Lerman J. Minimum alveolar concentration of desflurane and hemodynamic responses in neonates, infants, and children. *Anesthesiology.* 1991 Dec;75(6):975-9. PMID: 1741518
12. Keilty SR, Crean PM, Gallagher TM, Taylor RH. Anaesthetic techniques and trainee anaesthetists. *Anaesthesia.* 1992 Jun;47(6):539-40. PMID: 1616105
13. Taylor RH, Lerman J. Induction, maintenance and recovery characteristics of desflurane in infants and children. *Can J Anaesth.* 1992 Jan;39(1):6-13. PMID: 1733534
14. Burrows FA, Taylor RH, Hillier SC. Early extubation of the trachea after repair of secundum-type atrial septal defects in children. *Can J Anaesth.* 1992 Dec;39(10):1041-4. PMID: 1464130
15. Syed SA, Taylor RH, Crean PM, Stewart RJ. Successful use of monoclonal anti-lipid-A IgM in infant with meningococcal sepsis. *Lancet.* 1992 Feb 22;339(8791):496. PMID: 1346850
16. Taylor RH, Burrows FA, Bissonnette B. Cerebral pressure-flow velocity relationship during hypothermic cardiopulmonary bypass in neonates and infants. *Anesth Analg.* 1992 May;74(5):636-42. PMID: 1567028
17. Taylor RH, Lerman J, Chambers C, Dolovich M. Dosing efficiency and particle-size characteristics of pressurized metered-dose inhaler aerosols in narrow catheters. *Chest.* 1993 Mar;103(3):920-4. PMID: 8449093 (Comment; *Chest* 194;105:1621-2)
18. Eger E (II). *Desflurane Compendium* (editing for UK). Pharmacia 1994
19. Taylor RH, Crean PM. *Inhalational Agents in Paediatric Anaesthesia.* Current Anaesthesia and Intensive Care. Nov 1994.
20. Gadiyar V, Gallagher TM, Crean PM, Taylor RH. The effect of a combination of rectal diclofenac and caudal bupivacaine on postoperative analgesia in children. *Anaesthesia.* 1995 Sep;50(9):820-2. PMID: 7573879
21. Paxton D, Taylor RH, Gallagher TM, Crean PM. Postoperative emesis following otoplasty in children. *Anaesthesia.* 1995 Dec;50(12):1083-5. PMID: 8546293
22. Heaney LG, Stevenson EC, Turner G, Cadden IS, Taylor R, Shields MD, Ennis M. Investigating paediatric airways by non-bronchoscopic lavage: normal cellular data. *Clin Exp Allergy.* 1996 Jul;26(7):799-806. PMID: 8842554
23. Reid M, Shaw P, Taylor RH. Oesophageal ECG in a child for burns surgery. *Paediatr Anaesth.* 1997;7(1):73-6. PMID: 9041579
24. Stevenson EC, Turner G, Heaney LG, Schock BC, Taylor R, Gallagher T, Ennis M, Shields MD. Bronchoalveolar lavage findings suggest two different forms of childhood asthma. *Clin Exp Allergy.* 1997 Sep;27(9):1027-35. PMID: 9678834
25. Turner G, Stevenson EC, Taylor R, Shields MD, Ennis M. Histamine and tryptase in bronchoalveolar lavage fluid samples from asthmatic children. *Inflamm Res.* 1997 Mar;46 Suppl 1:S69-70. PMID: 9098770
26. Ennis M, Turner G, Schock BC, Stevenson EC, Brown V, Fitch PS, Heaney LG, Taylor R, Shields MD. Inflammatory mediators in bronchoalveolar lavage samples from

- children with and without asthma. Clin Exp Allergy. 1999 Mar;29(3):362-6. PMID: 10202344
- 27 Shields MD, Brown V, Stevenson EC, Fitch PS, Schock BC, Turner G, Taylor R, Ennis M. Serum eosinophilic cationic protein and blood eosinophil counts for the prediction of the presence of airways inflammation in children with wheezing. Clin Exp Allergy. 1999 Oct;29(10):1382-9. PMID: 10520059
- 28 Fitch PS, Brown V, Schock BC, Taylor R, Ennis M, Shields MD. Serum eosinophil cationic protein (ECP): reference values in healthy nonatopic children. Allergy. 1999 Nov;54(11):1199-203. PMID: 10604557
- 29 Thompson A, Reid A, Shields M, Steen H, Taylor R. Increased incidence in childhood empyema thoracis in Northern Ireland. Ir Med J. 1999 Nov-Dec;92(7):438. PMID: 10967870
- 30 McCarroll C, McAtamney D, Taylor R. Alteration in flow delivery with antisiphon devices. Anaesthesia. 2000 Apr;55(4):355-7. PMID: 10781121
- 31 Fitch PS, Brown V, Schock BC, Taylor R, Ennis M, Shields MD. Chronic cough in children: bronchoalveolar lavage findings. Eur Respir J. 2000 Dec;16(6):1109-14. PMID: 11292114
- 32 Schock BC, Young IS, Brown V, Fitch PS, Taylor R, Shields MD, Ennis M. Antioxidants and protein carbonyls in bronchoalveolar lavage fluid of children: normal data. Pediatr Res. 2001 Feb;49(2):155-61. PMID: 11158507
33. Warke TJ, Fitch PS, Brown V, Taylor R, Lyons JD, Ennis M, Shields MD. Outgrown asthma does not mean no airways inflammation. Eur Respir J. 2002 Feb;19(2):284-7. PMID: 11871365
34. Warke TJ, Fitch PS, Brown V, Taylor R, Lyons JD, Ennis M, Shields MD. Exhaled nitric oxide correlates with airway eosinophils in childhood asthma. Thorax. 2002 May;57(5):383-7. PMID: 11978911
35. Taylor R, Eyres R, Chalkiadis GA, Austin S. Efficacy and safety of caudal injection of levobupivacaine, 0.25%, in children under 2 years of age undergoing inguinal hernia repair, circumcision or orchidopexy. Paediatr Anaesth. 2003 Feb;13(2):114-21. PMID: 12562483
36. Jenkins JG, Taylor B, McCarthy M. Prevention of hyponatraemia in children receiving fluid therapy. Ulster Med J. 2003 Nov;72(2):69-72. No abstract available. PMID: 14696815
37. Chalkiadis GA, Eyres RL, Cranswick N, Taylor RH, Austin S. Pharmacokinetics of levobupivacaine 0.25% following caudal administration in children under 2 years of age. Br J Anaesth. 2004 Feb;92(2):218-22. PMID: 14722171
38. K Danis, B Smyth, B Taylor, P Coyle. Recent rise in bacterial tracheitis hospital admissions in children in Northern Ireland. Eurosurveillance Monthly. 2004;Vol 8: <http://www.eurosurveillance.org/ew/2004/040102.asp#1>
39. Jenkins J, Taylor B. Prevention of hyponatraemia. Arch Dis Child. 2004 Jan;89(1):93. No abstract available. PMID: 14709531.

#### **PUBLISHED ABSTRACTS:**

1. Taylor RH, Skippen PW, Bohn D. Amrinone versus dopamine after cardiac surgery in infants and children. Anesthesia and Analgesia, 1990;70:S405
2. Hillier SC, Taylor RH, Burrows FA. Early extubation after cardiac surgery in children. Anesthesia and Analgesia 1990;70:S197
3. Skippen PW, Taylor RH, Bohn D. Amrinone in infants and children after cardiac surgery. Critical Care Medicine, 1990:S268

4. Paret G, Taylor RH, Williams W, Bohn D. Augmentation of right ventricular function by elevation of intrathoracic pressure. *Am Rev Resp Dis*. April 1990,p68
5. Taylor RH, Lerman J. Salbutamol delivery using metered dose inhaler in pediatric size tracheal tubes. *Am Rev Resp Dis*. April 1990,p470
6. Paret G, Taylor RH, Gow R, Barker G. Management of Junctional Ectopic Tachycardia in infants. *Pediatric Research*. May 1990
7. Taylor RH, Lerman J. Experimental aerosol delivery by metered dose inhaler via pediatric size tracheal tubes. *Can Anaes J*, 1990;37;S37
8. Taylor RH, Malviya S, Swartz J, Lerman J. Does the haemoglobin concentration predict post-op apnea in ex-preterm infants? *Can Anaes J*,1990;37;S100
9. Taylor RH, Burrows FA, Bissonnette B. Cerebral hemodynamics in infants during cardiopulmonary bypass. *Can Anaes J*, 1990;37;S153
10. Taylor RH, Burrows FA, Bissonnette B. Cerebral Autoregulation during cardiopulmonary bypass is temperature dependent in infants. *Anesthesiology*, 1990,A72
11. Taylor RH, Lerman J, Sikich N, Shandling B. Cardiovascular responses during desflurane anaesthesia in infants and children. *Anesthesiology*, 1990, A1104
12. Taylor RH, Lerman J, Sikich N, Shandling B. Induction and recovery characteristics of desflurane in infants and children. *Anesthesiology*, 1990, A1246
13. Taylor RH, Lerman J. Metered dose inhaler delivery dose in catheters and tracheal tubes. *Anesthesiology* 1990,A1153
14. Lerman J, Taylor RH, Sikich N. Minimum Alveolar Concentration of desflurane and hemodynamic responses in infants and children. *Can Anaes J*, 1991;38;A137
15. Taylor RH, Gallagher TM, Crean P, Keilty SR. Does the addition of fentanyl improve the analgesia of continuous epidural bupivacaine in children? *Proceedings of APA* 1993
16. Gadiyar V, Taylor RH, Gallagher TM, Crean P, Keilty SR. An evaluation of caudal analgesia supplemented with rectal diclofenac in children. *Proceedings of APA* 1993
17. Taylor RH, Gallagher TM, Crean P, Keilty SR. A Comparison of PCA and Morphine Infusion following Abdominal Surgery. *APA Proceedings* 1993
18. Gadiyar V, Taylor RH, Gallagher TM, Crean P, Keilty SR. An evaluation of caudal analgesia supplemented with rectal diclofenac in children. *Proceedings of the 3rd European Congress of Paediatric Anaesthesia*. August 1993
19. Heaney LG, Shields MD, Cadden IS, Taylor R, Stevenson E, Ennis M. Mediator concentrations and alveolar cell numbers in bronchoalveolar lavage fluid from normal and asthmatic children. *Proceedings of British Paediatric Association*. 1994,66:11
20. Heaney LG, Cadden IS, Shields MD, Taylor R, and Ennis M. Underlying chronic inflammation during asymptomatic periods in childhood asthma. *Allergy & Clinical Immunology News*, 1994,1544:426.
21. Heaney LG, Shields MD, Cadden IS, Stevenson E, Taylor R, and Ennis M. Non-bronchoscopic lavage of paediatric airways: Evidence for ongoing inflammation in childhood asthma. *Clinical and Experimental Allergy*, 1994,24:991.
22. Turner G, Reid A, Taylor RH. Meningococcal Sepsis, view from Belfast. *APA Proceedings* 1996
23. Turner G, Reid A, Taylor RH. Reduction in mortality from Meningococcal Sepsis. *Intensive Care Medicine* 1996.
24. Turner G, Stevenson EC, Taylor R, Shields MD and Ennis M. Histamine and tryptase in bronchoalveolar lavage fluid samples from asthmatic children. *Inflammation Research*. 1997;46 (Supplement 1):S69-70
25. Fitch PS, Brown V, Schock BC, Taylor R, Shields MD and Ennis M. Bronchoalveolar lavage findings in children who have outgrown asthma. *ESPR Abstracts* 1998 ;221



26. Schock BC, Young IS, Fitch PS, Brown V, Taylor R, Shields MD and Ennis M. Antioxidants in Bronchoalveolar lavage fluid from children with atopic asthma and normal control children. ESPR Abstracts 1998 ;219
27. Schock BC, Young IS, Fitch PS, Brown V, Taylor R, Shields MD and Ennis M. The effects of glass fronted fires on Antioxidants in serum Bronchoalveolar lavage fluid from children. ESPR Abstracts 1998 ;220
28. Austin SJ, Crean, PM, Taylor RH. Anaesthesia in former preterm infants undergoing inguinal repair: a survey of paediatric anaesthesia practice. Paediatric Anaesthesia 1999; 9: 558-9
29. Taylor RH, Eyres R, Gunter J. Comparison of nerve blocks in children in the USA, Australia and Northern Ireland. Proceedings of World Congress of Anesthesiologists, p154. 2000
30. SV Kamath, V Brown, TJ Warke, R Taylor, MD Shields, M Ennis. Neutrophil activation in asthma. Eur Respir J. 2003 Sept; 22 (supp 45): 400s
32. Davis JW, Taylor RH, Imrie CB, Bell BA. Review of Paediatric Critical Care Transport in NI: An evolving process. Paed Crit Care Med 2007 28(3 suppl) A155

### **RESEARCH GRANTS**

Aerosol characteristics in small tubes. Allen & Hanbury's. Can\$ 20,000 (1989) Hospital for Sick Children, Toronto.

Comparison of Levo-bupivacaine and bupivacaine for caudal analgesia in infants and children. Chiroscience, approx £20,000 (1998-9)

### **Sponsor of Research Fellows;**

Dr T. Montague, Successful applicant for RBHSC Research Fellowship Award. 1994-5

Dr G. Turner, Successful applicant for RBHSC Research Fellowship Award. 1995-1996

Dr S. Austin, Successful applicant for RBHSC Research Fellowship Award. 1998-1999 (Six month extension 1999-2000)

Dr N. Stewart, Successful applicant for RBHSC Research Fellowship Award. 1999-2000

### **COURSES ORGANISED**

Meningococcal Disease 1994 Stormont Hotel

Home Ventilation for Adults and Children. June 2001. Belfast City Hospital

Getting Home; Paediatric Home Ventilation Team. October 2002, Fitzwilliam Hotel, Antrim Airport.

Ethics of Mental Health, QUB October 2003

### **TEACHING EXPERIENCE:**

1. Intubation in special circumstances. The Hospital for Sick Children, Toronto, Canada. 23rd October 1988
2. Airway "station". Resident's resuscitation course. The Hospital for Sick Children, Toronto. 18th October 1989.
3. Near-Drowning. Toronto Institute of Medical Technology. October 1989.
4. Meningitis and Reye's syndrome. TIMT. October 1989.
5. Anaesthetic drugs and the newborn child. TIMT. February 1990.
6. Acid/Base management of Cardiopulmonary bypass. The Hospital for Sick Children, Toronto. Feb 1990
7. Paediatric anaesthesia. School of Nursing, RGH. Sept 1991, Nov 1994
8. Paediatric Resuscitation. ACLS course, The Beeches, Belfast. 2nd Nov 1991, March 1992, March 1994
9. Mechanical Ventilation. Intensive Care Course. October 1993.

10. Paediatric Dental Anaesthesia. 4<sup>th</sup> yr Undergraduate Dentists. Dec 1994
11. Paediatric Dental Anaesthesia. Postgraduate Course. May 1994, 27th Jan 1996, 5th March 1997
12. Health-Care Ethics, Multidisciplinary Teaching RBHSC March-September 2000

### **Undergraduate Teaching.**

1. **Honorary Clinical Lecturer**, Faculty of Medicine. QUB. 2001 -2006
2. **Co-ordinator of Curriculum**; Medical Ethics & Law. Faculty of Medicine. QUB.
3. Fourth year. (Anaesthetic Clerkship) Paediatric Anaesthesia 1991-1997
4. Fourth year.(Paediatric Clerkship), "Medical Ethics in Paediatrics" 1998-2003
5. Development of Special Study Modules (SSM) for QUB in;
  1. Meningococcal Disease. (12 students each semester)
  2. Health-Care Ethics. (12 students each semester)
  3. Paediatric Pain Management (12 students each semester)

These are consistently among the Highest 1st choices by students with excellent evaluations of the supervision.

### **Postgraduate Teaching.**

Course Organiser. Paediatric Anaesthesia Seminars. (weekly)  
 Course Organiser. Paediatric Intensive Care Seminars (bi-weekly)  
 Organiser Paediatric Intensive Care Ward Rounds (weekly)  
 Final FFARCSI/FRCA revision course in Paediatric anaesthesia

**Instructor/ Examiner.** PLS course (one-day course), Belfast 1994-2003  
 PLS course (one-day course), Antrim 2000-2001  
 Limerick PLS (**Course Director**) October 2003

### **Instructor/ Examiner PALS/APLS Courses**

Walsall May 1996, January 1997  
 Belfast Nov 1996, March 1997, November 1997  
 Leicester October 1997  
 Belfast (**Course Director**) May 1998 - 2006  
 Dublin (**Course Director**) May 2000, September 2000, Feb 2001  
 Jersey (**Course Director**) March 2002  
 Manchester **Generic Instructor Course** Manchester 2003, Newry 2007-11

### **Instructor/ Examiner PEPP Courses** (*Pediatric Education for Prehospital Personnel*)

Maidstone October 2001  
 Belfast (11 courses) (**Medical Director**) 2002-6  
 Trained >250 Paramedics for NI Ambulance Service

### **Nursing and other Professions**

RCN Paediatric Nurses conference  
 NI Childrens Hospice. Paediatric Emergencies, home ventilation  
 Home Carers (Barnardos) Foundation course in caring for the technology dependent child.

## MANAGEMENT EXPERIENCE:

### 1. RGH Trust

Management Course for Senior Registrars 1990

**Member;** Education Sub-Committee, ATICS Directorate 1992-94 & 1995-7  
Course Organiser. Seminars/Journal Club, 1992-4

**Member:** Audit Sub-Committee, ATICS Directorate 1992-7

**Member:** Risk Management Sub-Committee, ATICS Directorate 1997-2001

Management Course for Clinicians. Royal Hospitals Trust. 1998

**Member:** Acute Pain Sub-Committee, ATICS Directorate 1992-7

**Lead Clinician/Director** of Paediatric Intensive Care 1997-2000

**Member** Paediatric Bereavement Committee 1999-2004

**Member** Clinical Ethics Committee (Royal Group of Hospitals, Trust) 2000-2006

**Chairman. Clinical Audit Committee** (Royal Group of Hospitals, Trust) 2003-2006

**Member** Clinical Ethics Committee (NI Hospice) 2007-2011

**Member** Clinical Ethics Committee (Belfast Health and Social Care Trust) 2008-11

**Member** Regional Fertility Ethics Committee (Belfast Hospitals, Trust) 2005-11

### 2. NATIONAL WORK

**Member:** Working Party; Neonatal and Paediatric Transport; SAC Paediatrics 1995

**Member:** EH&SSB Working Party on Meningococcal Disease. 1997-98

**Member:** The Acutely Ill Child; Paediatric ICU Sub-Group. 1997-98

**Member:** Provision of Paediatric Surgical Services Working Party. 1997-98

**Paediatric Advisor** to LAPSC (NI ambulance service) 1997-2003

**Organising Committee** of John W. Dundee Conference, Belfast Waterfront Hall. 2-4<sup>th</sup> June 1999.

**Organising Committee** of Association of Anaesthetists Annual Meeting, Belfast Waterfront Hall. 12-14<sup>th</sup> September 2001.

**Honorary Secretary**, Ethics Forum at Queen's University Belfast. Maintaining members database, organising conferences. 2000-2003, **Vice President** 2003-6

**Member Anaesthetic SAC.** 2000-2003

**Honorary Secretary**, Northern Ireland Society of Anaesthetists. 2001-3

**Member Working Party;** Prevention of hyponatraemia in children. Dept of Health NI. Sept 2001-Jan 2002

**Member Working Party;** Paediatric Long Term Ventilation. Dept of Health NI. Jan 2002

**Member Working Party;** Neonatal/Paediatric Inter-hospital Transport. Dept of Health NI. Jun 2003

### 3. INTERNATIONAL WORK

**Founding Member;** Paediatric Anaesthesia Travelling Society of Ireland (PATSI) 1999-2006

**Member Working Party;** Paediatric Bereavement document. Paediatric Intensive Care Society (PICS)

**Member** UK Paediatric Long Term Ventilation. Dept of Health, LONDON. 2000-6

**Council Member;** Paediatric Intensive Care Society (PICS) 2001-2006

## AUDIT ACTIVITY:

1. *Audit of analgesia in neonates and young infants*, 1973-1994

- Taylor RH. Submitted to Medical Audit, Oct 1994
2. *Audit of Recovery from anaesthesia*, 1991-1992
- Taylor RH. Submitted to Medical Audit, Oct 1994
3. *Audit of Meningococcal Sepsis*, 1989-1995
- Reid A, Taylor RH. Submitted to Medical Audit, Oct 1994
4. *Audit of intramuscular analgesia in children*, 1992-1994
- Floyd D, Taylor RH. Submitted to Medical Audit, Nov 1994
5. *PICU Occupancy*, 1989-1994. Submitted to Medical Audit, Feb 1995
6. *Ketamine analgesia in neonates and young infants*. Taylor RH. Submitted to Medical Audit, Feb 1995
7. *Audit of Paediatric Acute Pain Service*. Floyd D, Taylor RH. Submitted to Medical Audit, Feb 1995
8. *Acute upper airway tract obstruction in PICU*. Taylor RH. Submitted to Medical Audit, Feb 1995
9. *Anaesthetic management of ex-preterm infants*. Taylor RH. Submitted to Medical Audit, May 1995
10. *Audit of Paediatric Intensive Care Deaths*. Taylor RH. Submitted to Medical Audit, Feb 1996
11. Successful applicant for Multiprofessional Audit Fund (£2,500) 1997-98. *Professional knowledge and application of ethics to the delivery of paediatric care*.
12. Paediatric Long-term ventilation in NI, Taylor RH 2001
13. Bacterial Tracheitis, Acute rise in cases. 2003
14. Use and abuse of Metronidazole in the PICU. 2004

#### **AUDIT POSTS HELD;**

Paediatric Audit Facilitator. 1997-2003

Member; Clinical Audit Committee, RGH Trust. 1997-2006

Chairman, Clinical Audit Committee; Royal Group of Hospitals Trust. 2003-6

#### **Other Work.**

Member, Science and Technology Sub-Committee of the Synod of the Church of Ireland