



Dr Martin Stotz

MD

Consultant in Intensive Care and Anaesthesia

Dr Stotz is a Consultant in Intensive Care and Anaesthesia at St Mary's Hospital in London, where he leads a multi-disciplinary team. He can provide expert opinion on a range of cases relating to most aspects of anaesthesia, the care and management of patients pre, during and post operatively, and the clinical management of critically ill patients.

His particular areas of expertise include:

- Anaesthesia
- Airway management
- Care and management of patients pre-, during and post-operatively
- Sepsis
- Adult Intensive Care Medicine
- Heart Failure
- Enhanced Postoperative Care
- Deteriorating adult patient
- Trauma
- Upper GI Surgery

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Dr Martin Stotz

Citizenship: German / British

Date of Birth: 6 March 1967

Professional Title: **Consultant in Intensive Care & Anaesthesia**

St Mary's Hospital,

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GMC Number: 6095056

SUMMARY OF EDUCATION

University of Basel, Switzerland, School of Medicine 1991-1993

University of Heidelberg, Germany, School of Medicine 1990-1991

University of Basel, Switzerland, School of Medicine 1987-1990

Humanistisches Gymnasium, Basel, Switzerland; Maturität Type A (Latin and Greek) 1979-1987

Postgraduate Qualifications:

- Board certification in Anaesthesiology June 2000 (FRCA equivalent) and Swiss Federal Diploma September 2003
- Board certification in Intensive Care and Swiss Federal Diploma September 2003 (FICM equivalent)
- Swiss Federal certification in Prehospital Medicine including Helicopter Emergency Medical Service (HEMS) and Ambulance Services 2002
- Full registration with the GMC since 2006 and on the specialist register for Anaesthesia since 2006

PROFESSIONAL MEMBERSHIPS

Medical Protection Society (MPS) since 2006, No. 398884

European Society of Intensive Care Medicine (ESICM) since 2001

General Medical Council, full registration (specialist registration in Anaesthesia)

CONTACT DETAILS

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PROFESSIONAL EXPERIENCE

Consultant in Anaesthesia & Intensive Care Substantive Consultant, Imperial Healthcare NHS Trust, based at St Mary's Hospital, London	<i>(Aug 2007 – present)</i>
Locum Consultant in Anaesthesia & Intensive Care St Mary's Hospital, Paddington, London	<i>(Oct 2006 – Aug 2007)</i>
Consultant in Anaesthesia & Intensive Care University Hospital, Basel, Switzerland	<i>(Oct 2005 – Oct 2006)</i>
Specialist Registrar (SpR) in Intensive Care Appointments included:	<i>(Sep 1996 – July 2005)</i>
SpR / Clinical Fellow in Intensive Care University College London Hospital, London	<i>(May 2004 – July 2005)</i>
SpR and Junior Consultant in Intensive Care University Hospital, Geneva, Switzerland	<i>(Jan 2003 – May 2004)</i>
SpR in Anaesthesia University Hospital, Basel, Switzerland	<i>(June 2001 – Dec 2002)</i>
Senior House Officer in Intensive Care University Hospital, Basel, Switzerland	<i>(May 2000 – May 2001)</i>
SpR in Anaesthesia University Hospital, Basel, Switzerland	<i>(Mar 1999 – Apr 2000)</i>
Senior House Officer in Intensive Care Federal Hospital, Lucerne, Switzerland	<i>(July 1999 – Dec 1999)</i>
Senior House Officer in Anaesthesia Federal Hospital, Lucerne, Switzerland	<i>(Sep 1996 – June 1999)</i>
House Officer in General Surgery Federal Hospital, Olten/Switzerland	<i>(Jun 1995 – June 1996)</i>
House Officer in Anaesthesia Federal Hospital, Bruderholz/Switzerland	<i>(May 1994 – Apr 1995)</i>

TEACHING AND INSTRUCTION ACTIVITIES

- Instructor of Basic Lifecare Support for laypersons, Federal Hospital, Bruderholz, Switzerland, 1994 to 1995.
- Instructor of practical skills for anaesthetic nurses, Federal Hospital Lucerne, Lucerne, Switzerland, 1996 to 1999.
- Instructor of practical skills for anaesthetic nurses, University Hospital Basel, Basel, Switzerland, 1999 to 2002.

Instructor of Basic Lifecare Support for Newborns and Infants at the Advanced Cardiac Support course for Doctors, University Hospital Basel, Basel, Switzerland, 2001 to 2003.

GRANTS

Yearly Award for Young ICU Investigators 2004, European Society of Intensive Care Medicine (ESICM): 'Mitochondrial Dysfunction in Sepsis'; in collaboration with Prof. Mervyn Singer. Please also refer to the website www.esicm.org

PUBLICATIONS

Articles & Letters:

Martina B, Bucheli B, Stotz M, Battegay E, Gyr N: First clinical judgement by primary care physicians distinguishes well between non-organic versus organic causes of abdominal or chest pain. *JGIM* 1997; 12: 459-65.

Stotz M, Oehen H-P, Gerber HG: Histological findings after long-term infusion of intrathecal ketamine for chronic pain: A case report. *J Pain Sympnt Manag*: 1999; 18: 223-8.

Stotz M, Lampart A, Köchli O, Schneider M: Bleeding masked by dilutional hyponatremia after hysteroscopy for transcervical myoma resection-a case report. *Anesthesiology* 2000; 93: 569-70.

Stotz M, Thümmler D, Schürch M, Renggli J-C, Urwyler A, Pargger H: Fulminant neuroleptic malignant syndrome after perioperative withdrawal of antiparkinsonian medication. *Br J Anaesth* 2004; 33:868-71.

Stotz M, Albrecht R, Zwicker G, Drewe J, Ummenhofer W: EMS defibrillation-first policy may not improve outcome in out-of-hospital cardiac arrest, *Resuscitation* 2003; 58: 277-282.

Stotz M, Bürgi A, Merki L, Ummenhofer W: Frühdefibrillation mit halbautomatischen externen Defibrillatoren (AED) – ja, nein, oder? *Schweiz Med Forum* 2004;4:1032–36.

Ginz HF, Stotz M, Erb TO, Ummenhofer WC. Acute management of a cyanotic episode in an infant after a Norwood procedure. *Paediatr Anaesth*. 2005; 15:148-51.

Bendjelid K, Schutz N, Stotz M, Gerard I, Suter PM, Romand JA. Transcutaneous Pco2 monitoring in critically ill adults: Clinical evaluation of a new sensor. *Crit Care Med*. 2005; 33:2203-6.

Whitehouse T, Stotz M, Taylor V, Stidwill R, Singer M: Tissue oxygen and hemodynamics in renal medulla, cortex & cortico-medullary junction during hemorrhage-reperfusion. *Am J Physiol Renal Physiol*. 2006 Sep;291(3):F647-53.

Lapaire O, Schneider MC, Stotz M, Surbek DV, Holzgreve W, Hoesli IM: Oral misoprostol vs. intravenous oxytocin in reducing blood loss after emergency cesarean delivery. *Int J Gynaecol Obstet*. 2006 Oct;95(1):2-7.

Rudiger A, Stotz M, Singer M: Cellular Processes in Sepsis. *Swiss Med Wkly*. 2008 1;138 (43-44):629-34.

Carré JE, Orban JC, Re L, Felsmann K, Iffert W, Bauer M, Suliman HB, Piantadosi CA, Mayhew TM, Breen P, Stotz M, Singer M. Survival in critical illness is associated with early activation of mitochondrial biogenesis. *Am J Respir Crit Care Med*. 2010;182(6):745-51. Epub 2010 Jun 10.

Stotz M. Letter *Contin Educ Anaesth Crit Care Pain* 2011; 11:77-81 (BJA group).

Kett DH, Azoulay E, Echeverria PM, Vincent JL: Candida bloodstream infections in intensive care units: analysis of the extended prevalence of infection in intensive care unit study.

Extended Prevalence of Infection in ICU Study (EPIC II) Group of Investigators. *Crit Care Med*. 2011 Apr;39(4):665-70.

Corcoles EP, Deeba S, Damji S, Hanna GB, Boutelle MG, Cheshire N, Stotz M, Darzi A. Rapid sampling microdialysis monitorign of post aortic repair intestinal ischemia. *J Gastro Hepatol*. 2011, 26:192-193

Barker I, Stotz M: Cardiorespiratory arrest secondary to tracheostomy cuff herniation. *BMJ Case Reports* 2013; doi:10.1136/bcr-2013-200304

Bellingan G, Maksimow M, Howell DC, Stotz M, Beale R, Beatty M, Walsh T, Binning A, Davidson A, Kuper M, Shah S, Cooper J, Waris M, Yegutkin GG, Jalkanen J, Salmi M, Piippo I, Jalkanen M, Montgomery H, Jalkanen S. The effect of intravenous interferon-beta-1a (FP-1201) on lung CD73 expression and on acute respiratory distress syndrome mortality: an open-label study.

Lancet Respir Med. 2014 Feb;2(2):98-107.

Gordon AC, Mason AJ, Perkins GD, Stotz M, Terblanche M, Ashby D, Brett SJ. The interaction of vasopressin and corticosteroids in septic shock: a pilot randomized controlled trial. *Crit Care Med.* 2014 Jun;42(6):1325-33.

Dyson A, Ekbal N, Stotz M, Barnes S, Carré J, Tully S, Henderson S, Barrett L, Singer M. Component reductions in oxygen delivery generate variable haemodynamic and stress hormone responses. *Br J Anaesth.* 2014 Oct;113(4):708-16

Segaran E, Wandrag L, Stotz M, Terblanche M, Hickson M. Does body mass index impact on muscle wasting and recovery following critical illness? A pilot feasibility observational study. *J Hum Nutr Diet.* 2016 Aug 1

Book Chapters:

Stotz M, Ummenhofer W: What can we learn from successful resuscitations: case report of an extreme situation. In Pepe P and Bierens J (eds.): *Handbook on Drowning*; Springer-Verlag, Berlin, 2006.

Hargunani R, Stotz M: Sepsis, SIRS and MODS. In *Surgery* (The Medicine Publishing Company) 2005; 23:299-301.

Brendebach L, Stotz M: Chapters on Crush-Syndrome and Drowning. In Brendebach L (ed): *Schweizerischer Notarzt Leitfaden*; 5th edition 2008, EMH Schweizerischer Aerzteverlag, Basel.

Price N, Chakraborty A, Stotz M: Chapter on Intensive and High Dependency Care. In Cuschieri A & Hanna G (eds.): *Essential Surgical Practice (ESP), 5th Edition*

Abstracts:

Gurzeler J, Stotz M, Rothenbuhler JM: Open vs. Laparoscopic appendectomy. *Swiss Surg*, 1996; 12 (suppl 10): 22.

Stotz M, Alon E, Günter P, Morel D, Tomasetti R, Ritter L, Huelstaert F, Grimaudo V: Der Einsatz von Tropisetron in der Behandlung von etablierter postoperativer Nausea und Erbrechen: Eine randomisierte, doppelblinde, placebo-kontrollierte Studie. *Schweiz Med Wochenschr*, 1996; 126: (suppl 83): 10S.

Herrera E, Stotz M, Gardaz JP, Verschelen L, VanBoven M, Grimaudo V: Tropisetron in the treatment of established postoperative nausea and vomiting: a randomized, double blind, placebo-controlled study. *Br J Anaesth*, 1996; 76 (suppl): 81 (A255).

Stotz M, Oehen HP, Gerber HG: Histological findings after long-term infusion of intrathecal ketamine for chronic pain: a case report. *International Monitor*, special abstract issue, 16th Annual ESRA Congress London 1997: 190.

Hodel D, Stotz M, Schüpfer G, Schmeck J, Konrad C, Gerber H: Chloroprocain 3% versus carbonated Lidocain 2% for elective Caesarean Section: Speed of Onset, Efficacy and Side Effects. A Prospective Randomized Trial. *Anästhesiologie & Intensivmedizin*, 2000; 41: 338.

Hodel D, Schüpfer G, Stotz M, Besmer I, Gerber H: Effects of prophylactic ephedrine on fetal umbilical artery pH in elective C-section: Results of two regimens. *International Monitor* 2000; 12(3): 217.

Stotz M, Brenni M, Buchmann B, Ummenhofer W: Breathing patterns in patients with severe head injuries. *Scand J Trauma Emerg Med*, 2002; 10 (suppl 1): 10.

Stotz M, Ummenhofer W: Pediatric Case Report: Near drowning in cold water. *World Congress on Drowning, Abstract Book* 2002; 74-5.

Stotz M, Zwicker G, Albrecht R, Ummenhofer W: Use of an automated external defibrillator (AED) by paramedics in the chain of survival: the Basel experience. *Swiss Medical Weekly*, 2002; 132 (suppl): 132; P28.

Stotz M, Zwicker G, Albrecht R, Ummenhofer W: Delayed early defibrillation does not increase survival rates in out-of-hospital cardiac arrest. *EJA* 2003, 20 (suppl 30):A 645.

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Schutz N, Romand JA, Stotz M, Gerard I, Bendjelid K: Transcutaneous PaCO₂ monitoring in darker ethnics: evaluation of a new PCO₂-SpO₂ sensor. 17th annual congress of European Society of Intensive Care Medicine (ESICM), Berlin, October 10-13, 2004. *Intensive Care Med* 2004

Lapaire O, Schneider MC, Stotz M, Surbek DV, Holzgreve W, Hoesli IM: Oral misoprostol vs. intravenous oxytocin in reducing blood loss after emergency cesarean delivery. *Int J Gynaecol Obstet.* 2006 Oct;95(1):2-7.

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Barrett LK, Stotz M, Breen P, Bellingan G, Clapp LH, Singer M: Vasopressin levels in septic shock: relationship to survival and effect of terlipressin treatment. 19th annual congress of European Society of Intensive Care Medicine (ESICM), Barcelona, October 10-13, 2006. *Intensive Care Med* 2006

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Carré JE, Stotz M, Breen P, Orban J-C, Bellingan G, Suliman HG, Piantadosi CA, Singer M: Mitochondrial Biogenesis and Cellular Energetics in Critically Ill Patients. 20th annual congress of European Society of Intensive Care Medicine (ESICM), Berlin, October 10-13, 2007. *Intensive Care Med* 2007

Carré JE, Orban J-C, Stotz M, Bellingan G, Singer M: Relationship between mitochondrial activity and protein expression in critically ill patients. 21st annual congress of European Society of Intensive Care Medicine (ESICM), Lisbon, 2008. *Intensive Care Med* 2008.

Hodgson L, Oldfield W, Leonard R, Hamady M, Stotz M: The use of endobronchial stents for bronchial compression after endoluminal thoracic aneurysm repair. European Respiratory Society Annual Congress, Berlin October 4-8, 2008; E-communication : E4254

Stotz M, Manikon M, Musa I, Jepson A: Diagnostic Challenges in Critical Care: values of blood cultures taken over newly inserted central lines. British Society of Antimicrobial Chemotherapy Spring Meeting 2010, Birmingham.

Kingston H, Sange M, Jepson A, Stotz M: Epidemiology of Ventilator Associated Pneumonia in an Adult ICU. British Society of Antimicrobial Chemotherapy Spring Meeting 2010, Birmingham.

Sange M, Kingston H, Rey V, Jepson A, Stotz M. The Cost burden of Antimicrobials in treatment of Ventilator Associated Pneumonia in an Adult ICU. 21st annual congress of European Society of Intensive Care Medicine (ESICM), Barcelona. *Intensive Care Med* 2010.

Bellingan G, Maksimow M, Howell D, Beale R, Stotz M, Kuper M, Montgomery H, Yegutkin G, Waris M, Boyd A., Salmi M, Jalkanen S, Ilse Piippo I, Jalkanen M. Serum CD73 activity, an enzyme involved in endothelial barrier function, increases following FP-1201 treatment of ALI/ARDS patients. American Thoracic Society Congress 2011, Denver.

Price N, Jepson A, Stotz M: Is non-sterile preparation of endotracheal tubes a potential risk factor for ventilator associated pneumonia? A prospective study. European Society of Intensive Care Medicine (ESICM) Berlin, 24th Annual Congress October 2011.

Bellingan G, Maksimow M, Howell D, Stotz M, Salmi M, Jalkanen S, Piippo I, Jalkanen M

A Phase I/II Clinical Trial of FP-1201 (a novel anti-inflammatory interferon-beta and an inhibitor of vascular leakage) reduces mortality in ALI/ARDS, *ATS 2012*, San Francisco; May 18-23

Segaran E, Stotz M, Hickson M: Does body mass index influence muscle wasting following critical illness? 25th Annual congress of European Society of Intensive Care Medicine (ESICM), Lisbon. *Intensive Care Med* 2012.

Sanooj S, Gaskell K, Sultana S, Jepson S, Stotz M: Ventilator acquired pneumonia is increased in a trauma victims - a prospective audit in a london major trauma intensive care unit. 26th annual congress of European Society of Intensive Care Medicine (ESICM), Paris. *Intensive Care Med* 2013.



Cowen R, Sultana S, Stotz M: Use of Videolaryngoscopy (GlideScope®) for the Diagnosis & Management of Postoperative Stridor. Difficult Airway Society Annual Scientific meeting Nov 13-15 2013