



ML Experts Consulting

**Dr. Hanlie Du Plessis**

MBChB, FRCA

**Consultant Anaesthetist**

**John Radcliffe Hospital**

GMC number: **4762308 (Full license to practice)**

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### **Qualifications:**

2006	FRCA London, final part, first attempt
2004	FRCA London, primary part, first attempt
2000	MBChB University of Pretoria, South Africa

### **Education:**

1995 – 2000	University of Pretoria Medical School
1998 – 1999	President of medical committee, University of Pretoria Medical School
1998 – 2000	Management of polyclinic in disadvantaged area
1997 – 1998	Member of JUDASA (Junior Doctors' Association of South Africa) executive committee
1995 – 1996	Member of Cultural Committee, University of Pretoria

### **Prizes**

2009	First prize, Scottish Society of Anaesthetists Annual Meeting
2008	First prize, Scottish Society of Acute Pain Services Annual Meeting
2000	Distinction for Obstetrics & Gynaecology, final year medicine
1994	Senior South African debating champion
1991	Junior South African debating champion

## **Clinical Experience**

I currently anaesthetise for spinal surgery on a regular basis at a consultant level. This includes patients with a combination of unstable cervical fractures as well as potentially difficult airways. These patients are often who are referred to me for urgent review and planning of their peri-operative care. I also manage patients for elective spinal surgery which includes a close working relationship with amongst other the cell salvage team and neuro-stimulation clinicians for complex malignant, adult and adolescent deformity work. I have proven that I am an integral part of the team by initiating joint pre-operative visits and risk discussions with patients. I am confident in identifying high risk patients, communicating risk with patients and planning their perioperative care involving necessary specialties such as critical care.

I also regularly anaesthetise for emergency surgical patients (often high risk cases) from many subspecialties including general, vascular, gynaecology and trauma surgery. I have a regular commitment to the elective ophthalmology and oculo-plastics service which is a tertiary regional centre for cancer and combined Ear Nose and Throat cases. I am comfortable assessing risk, discussing risks and benefits with patients and relatives, planning the appropriate anaesthetic technique and peri-operative care.

I have twice been nominated for the Oxford University Hospital Staff excellence awards. In 2017 I was a divisional finalist in the category recognizing employees for their 'Care and Compassion'. In 2018 I was recommended for the 'Doctor of the Year' award.

## **Employment History**

<b>September 2016 - Present</b>	Consultant in Anaesthetics, John Radcliffe Hospital Anaesthesia for spinal surgery (elective and trauma), emergency surgery, and elective ophthalmology.
<b>September 2015 - September 2016</b>	Locum consultant in Anaesthetics, John Radcliffe Hospital
<b>August 2012 - September 2015</b>	Consultant in Anaesthetics, Glasgow Royal Infirmary
<b>September 2010 - August 2012</b>	Consultant in Anaesthetics, Forth Valley Royal Hospital
<b>February 2005 - August 2010</b>	Specialist Registrar in Anaesthetics, Glasgow Royal Infirmary
<b>August 2002 - January 2005</b>	SHO in Anaesthetics, Aberdeen Royal Infirmary

<b>February 2002 - August 2002</b>	SHO in Accident and Emergency, The Victoria Infirmary, Glasgow
<b>August 2001 - February 2002</b>	PRHO in Surgery, Ayr Hospital, Ayrshire and Arran Acute Hospitals NHS Trust
<b>February 2001 - August 2001</b>	PRHO in General Medicine, Monklands District General Hospital, Lanarkshire NHS Trust

## **Clinical Governance and Quality Improvement**

### **Quality Improvement**

I have recently been appointed as the Lead for our group Morbidity and Mortality reviews. This includes regularly reviewing incident reports as well as organising structured meetings and reviews of incidents. I believe that my role as M&M lead will augment my skills and acumen needed for further medico-legal work.

I am up to date in my knowledge and approach to modern day quality improvement by completing an online Institute for Healthcare Improvement Open school basic certificate in Quality & Safety (2016). This is a year long engagement with modules including leadership, patient safety, improvement capability and quality cost value

Since November 2015, I have been the lead for Anaesthesia in Ophthalmology. During my tenure I have part of a task force with the aim of improving the peri-operative pathway for Ophthalmology patients. I confidently organize and lead meetings with the multi-disciplinary teams including clerical, nursing and surgical staff. I conducted independent 'deep dive' exercises to look at same day cancellations and subsequently demonstrated the need for dedicated anaesthetic input to Ophthalmology pre-operative assessment which has been funded.

### **Clinical guidelines, surveys or protocols**

In 2019, I devised and conducted a survey of the Nuffield department of Anaesthetic Consultants to review the impact on the anaesthetic workforce due to changes to pensions and HMRC. I presented the results to the Oxford University Hospital NHS Foundation Trust. The results were also published in national medical literature and the results incorporated in a joint statement by the Academy of Royal Colleges to the Secretary of State for Health and Social Care as well as the Chancellor of the Exchequer Treasury.

## **Management**

I have enjoyed taking on management responsibilities throughout my medical career. As a consultant I have contributed at a local and a national level. I am currently the lead for our on call group Morbidity and Mortality review as well as the Lead for Anaesthesia in Ophthalmology.

I am also on the management committee for the Nuffield Department of Anaesthetic Consultants (NDAC) and manage to voluntary consultants' fund as treasurer.

In my previous posts, I was instrumental in developing the role and rotas of the resident consultant anaesthetists as well as acting as spokesperson. At a national level, I was a committee member of the Scottish Airway group (2010-2012) and Scottish Acute Pain Society (2008-2015).

During my training career I was a trainee representative at hospital and national level. As a senior registrar, I was chairperson of the anaesthetic trainees' committee and attended regular consultant meetings to represent trainee views and issues (2007-2008). I have managed junior rotas (2008). I was also trainee representative on specialist committees including the Scottish Society of Acute Pain Services (2007-2011) and West of Scotland Obstetric Anaesthetists (2007-2008). As a registrar, I designed protocols for pain management in burns patients, high dependency level care of parturients high and assisted in organising the National Annual Meeting of the Scottish Society of Acute Pain Services (2008).

## **Teaching**

### **Postgraduate**

- Anaesthesia for Spine surgery, FRCA teaching programme, 2018- present
- 'OPERA' (Oxford Paediatric Emergencies Resuscitation Stabilisation Course) Simulation course for multi disciplinary team, Oxford Simulation Centre, 2019- present
- Peri-operative Pain Management teaching: initiated and organised a local teaching day for trainees, Glasgow Royal Infirmary, November 2012-2014
- Educational supervisor for two trainees which included regular meetings with trainees and report writing for ARCPs, 2010-2014
- Peri-operative Pain Management teaching: initiated and organised a local teaching day for trainees, Forth Valley Royal Hospital (FVRH), October 2011
- Obstetric Anaesthesia Simulator Training (OATS) faculty member, Scottish Simulator Centre, Larbert, 2008-2014
- Development and faculty of Obstetric simulator programme, awaiting formal endorsement from RCOG as part of training programme, 2011
- Educational supervisor for Higher training in Pain medicine, FVRH, 2010-2011
- Final FRCA teaching programme on acute pain management, 2009
- Demonstrator on GASLAB airway management course, 2009
- IMPACT instructor, 2009-2014
- ALS instructor, 2006-2012

### **Undergraduate**

- Final year Medical student teaching, SSM, NDOA, April 2016-present
- Honorary Clinical Lecturer, University of Glasgow, 2008-2015. I was nominated by the current Chair in Anaesthesia at the University of Glasgow due to my contribution to undergraduate teaching.

- Undergraduate medical student teaching, peri-operative care day: I wrote a scenario on acute pain management in 2008 and this is now an annual event. I also contributed on other acute care day courses and clinical skills teaching.
- Special Study Module (SSM) in Pain: lecture to 4th year medical students participating in SSM, Gartnavel General Hospital, Glasgow, October 2008

### **Nursing staff**

- Lecturer on anaesthetic nurse training course. Topics include interpretation of haematology and biochemistry results, Glasgow Royal Infirmary, 2005-2010
- Lanarkshire Personal Development, Theatre nurses' teaching, Hairmyres Hospital, May 2006
- Nurses Teaching Day, Intensive Care Unit, Aberdeen Royal Infirmary, October 2004

### **Formal teaching training courses I have attended include:**

- Educational Supervisor, HTEM, February 2016
- Simulator facilitator and advanced debriefing course, Scottish Simulator Centre, August 2012
- Educational Supervisor, 2011
- Training the airway trainer, Royal College of Anaesthetists, 2009
- Scots course on clinical supervision, NES, 2008
- ALS Generic Instructors' Course, 2006

### **Resuscitation and Learned Bodies**

- June 2016           ALS instructor (Recertification)
- May 2015           APLS
- May 2009           IMPACT instructor
- May 2007           ATLS
- May 2006           ALS Instructor status
- August 2005       ALS
- Learned Bodies:
- Royal College of Anaesthetists
- British Medical Association
- Vascular Anaesthetists Association of Great Britain and Ireland

## **Research**

*June 2015*

*Long-term sequelae following Post Dural Puncture Headache- a case series*

*October 2004*

*Prospective randomised controlled trial of combination anti-emetic prophylaxis in patients undergoing breast surgery.*

*November 2007*

*Observational Study of PtCO<sub>2</sub> and SpO<sub>2</sub> following sub-arachnoid block with 0.5% Bupivacaine and Diamorphine for Caesarean Section*

### **Publications:**

#### **Articles**

**H du Plessis**, J Pandit. Winter has come: Assessing the impact of pensions tax on workforce and service delivery in a large department. RCOA Bulletin, Issue 119, p12-13, January 2020

**H du Plessis**, J Reid. Labour analgesia: Do we monitor their efficacy? Journal of Pain Management, 3: 141- 8, June 2011

**H du Plessis**, C. Johnstone. Ethics and medico-legal aspects of obstetric anaesthesia, Anaesthesia & Intensive Care Medicine, Volume 8, Issue 8, 337- 339, August 2007

#### **Abstracts**

N Logan, S Timalpur, **H du Plessis**, K Litchfield. Long term sequelae following post dural puncture headache- an unreported problem? Available at: [https://soap.org/display\\_2015\\_abstract.php?id=S-61](https://soap.org/display_2015_abstract.php?id=S-61)

S Halliday, EML Beattie, K Lake, **HM du Plessis**. Transversus abdominis plane block (TAP) for analgesia following caesarian section: a survey of practice in the West of Scotland. International Journal of Obstetric Anaesthesia, 2014: S26

**H du Plessis**, J Limb, J Reid. An audit of analgesia in the second stage of labour. International Journal of Obstetric Anaesthesia, 2010; 19: P55

**H du Plessis**, S Millar, C Lennox, L Adamson. High dependency care of the parturient: A Scottish perspective. International Journal of Obstetric Anaesthesia, 2010; P25

**H du Plessis**, MJ Booth, S McKinlay. Interscalene Block for Daycase Shoulder Surgery: Introducing a new technique to suit our patient population. Journal of One-Day surgery, Volume 19, Supplement, 2009: p9

**H du Plessis**, D Griffith, M Booth. Consent and mental incapacity: A Scottish perspective. European Journal of Anaesthesiology, Volume 25, Supplement 44. 2008: p229

**H du Plessis**, G Peters, F Bryden. Uncorrected coarctation of the descending aorta in pregnancy complicated by preeclampsia: a case report. International Journal of Obstetric Anaesthesia, Volume 17, Supplement 2008: pS42.

S.Dalchow, G.Peters, A.Harvey, S.Agarwal, **H. du Plessis**, A.Binning. Observational Study of PtCO<sub>2</sub> and SpO<sub>2</sub> following sub-arachnoid block with 0.5% Bupivacaine and Diamorphine for Caesarean Section. Regional Anaesthesia and Pain Medicine 2008, **33**, Supplement e125.

**H du Plessis**, L Millar, E McGrady. Fasting and antacid prophylaxis in labour: an audit. International Journal of Obstetric Anaesthesia, Volume 15, Supplement 2006: pS35

N Kumar, **H du Plessis**, P Gururaj, J Olson. Prospective randomised controlled trial of combination antiemetic prophylaxis in patients undergoing breast surgery. European Journal of Anaesthesiology, Volume 22, Supplement 34 2005: p6

### **Presentations at International Meetings:**

#### ***Poster presentation***

Are we anaesthetising cold patients? A peri-operative hypothermia Audit. European Society of Anaesthesiology Annual Meeting, Helsinki, Finland, June 2010

#### ***Poster presentation***

Labour epidural analgesia: monitoring the efficacy. International Association for the Study of Pain World Congress, Glasgow, August 2008.

#### ***Poster Presentation***

Post Operative nausea and vomiting randomised controlled trial findings, European Society of Anaesthesiology Annual Meeting, Vienna, Austria, May 2005