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## Kenneth David Boffard

## Curriculum Vitae

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Last updated: 30 august 2016

**PERSONAL DETAILS**

**Date of Birth:** 6 January 1949.  
Johannesburg.

**Nationality:** South African

**Status:** Married. Virginia Sonia Boffard  
(General Practitioner)

**Children:** One son. (b. 31 December 1984).  
One daughter (b. 15 September 1987).

**Home Address:** 17, Pallinghurst Road,  
Parktown,  
Johannesburg,  
2193.  
South Africa.

**Telephone:** [REDACTED]

**Work Address:** Department of Trauma Surgery,  
Milpark Hospital  
Guild Road  
Parktown  
Johannesburg,  
2193.  
South Africa.

**Work Telephone:** [REDACTED]

**Email:** KDBoffard@pixie.co.za



**ACADEMIC STATUS**

Professor Emeritus and Honorary Consultant Surgeon:  
Department of Surgery  
University of the Witwatersrand

**PROFESSIONAL STATUS**

Trauma Director  
Milpark Hospital Trauma Centre  
University of the Witwatersrand  
Johannesburg  
South Africa  
Feb 2014 – Present

Visiting Professor of Trauma Surgery  
University of Gothenburg  
Sahlgrenska University Hospital  
Gothenburg  
Sweden  
January 2016 – Present

## **OVERVIEW**

Professor Ken Boffard is Trauma Director and Academic Head at Milpark Hospital, Johannesburg, a satellite training centre of the University of the Witwatersrand.

Until January 2014, he was Chief Specialist and Head of the Department of Surgery at Charlotte Maxeke Johannesburg Academic Hospital, Johannesburg, South Africa.

He is currently Visiting Professor of Trauma Surgery at the University of Gothenburg, and Sahlgrenska University Hospital, Gothenburg, Sweden.

He qualified in Johannesburg, and trained in Surgery at the Birmingham Accident Hospital and Guy's Hospital in the United Kingdom.

He was President of the International Society of Surgery (ISS), the world's oldest and largest international surgical organisation, from 2009 – 2011, and Congress President of the International Surgical Week in Yokohama Japan, in August 2011. He is Past President of the Trauma Society of South Africa, The International Association for Trauma Surgery and Intensive Care (IATSIC), and a previous Governor of the American College of Surgeons. He holds Fellowships in Surgery of the Royal Colleges of Surgeons of England, Edinburgh, Glasgow, American College of Surgeons, and College of Surgeons of South Africa. He has been awarded Honorary Fellowships by the American College of Surgeons, The Royal College of Surgeons of Thailand, The College of Surgeons of Sri Lanka, The Association of Surgeons of Great Britain and Ireland, The German Trauma Society, and the Japanese Association for the Surgery of Trauma.

He is Secretary General of the International Society of Surgery in Zurich, Switzerland.

He holds the rank of Hon Colonel in the South African Military Health Service.

He is a Freeman of the City of London by redemption, and an elected Liveryman of the Guild of Air Pilots and Air Navigators of London.

His passion is Education, and various aspects of trauma resuscitation, intensive care, and regional planning of Trauma Systems. His interests include flying (he is a licensed fixed wing and helicopter pilot), scuba diving, and aeromedical care. His research interests include coagulation, haemostasis and critical bleeding. He has over 80 publications, 20 book chapters and has written four books on Trauma surgery.

He is married with two children.

## **Academic Assessment**

### **Google Scholar:**

Citations	2284
h-index	23
i10-index	33

### **Peer reviewed publications (Scopus)**

Total: 83

Highest number of citations for a single paper: 676

Total citations: 1649

## **ACADEMIC QUALIFICATIONS**

**Degrees:** M.B. B.Ch.  
University of the Witwatersrand.  
1972.

B.Sc. (Hons) Aerospace Medicine (*cum laude*)  
University of Pretoria.  
1999.

## **PROFESSIONAL QUALIFICATIONS**

**Fellowships:** Fellowship of the Royal College of Surgeons of Edinburgh  
June 1978. Awarded October 1998

Fellowship of the Royal College of Surgeons of England  
October 1978. Awarded January 1979

Fellowship of the American College of Surgeons  
October 1998

Fellowship of the Royal College of Physicians and Surgeons of Glasgow  
Fellowship awarded *ad eundem*  
Awarded November 2002

Fellow of the College of Surgeons of South Africa  
Colleges of Medicine of South Africa  
Elected by peer review: May 2004.

## **HONORARY PROFESSIONAL MEMBERSHIPS AND FELLOWSHIPS**

**Honorary Fellowship**  
**Association of Upper Gastrointestinal Surgeons of Great Britain and Ireland**  
Awarded May 2005

**Honorary Fellowship**  
**Association of Surgeons of Great Britain and Ireland (ASGBI)**  
Annual Meeting of ASGBI  
Manchester.  
Awarded April 2007

**Honorary Fellowship:**  
**Royal College of Surgeons of Thailand**  
Pattaya, Thailand  
Awarded July 2007

**Honorary Fellowship**  
**College of Surgeons of Sri Lanka**  
Colombo, Sri Lanka  
Awarded August 2010

**Honorary Fellowship**  
**American College of Surgeons**  
**Awarded in October 2011**

## PROFESSIONAL REGISTRATION

**General:** Health Professions Council of South Africa Council.  
Previously: South African Medical and Dental  
Full Registration. 1973. No. MP 015331.

General Medical Council of Great Britain.  
Full Registration. 1974. No. 1594395.

**Specialist:** **General Surgery**  
South African Medical and Dental Council.  
Now: Health Professions Council of South Africa  
Specialist Registration. 1981.

**General Surgery**  
General Medical Council of Great Britain  
Specialist Registration 1999

**Subspecialist:** **Trauma Surgery and Critical Care**  
Health Professions Council of South Africa  
New subspecialty with effect from September 2007

## MILITARY

### **South African National Defence Force (Reserve Force)**

**Colonel**

Honorary Colonel

South African Military Health Service: Medical Training Formation  
Force Number 65000069BV

## CIVIL

**Liveryman:** **Most Worshipful Guild of Air Pilots and Air Navigators**  
City of London  
Elected: November 1999

**Freeman:** **Freedom of the City of London**  
City of London. (By redemption)  
11 October 1999.

## OTHER:

**Patron:** **Imperial College School of Medicine**  
**Surgical Student Society**  
London UK.

Since 2010 I have been the Patron of this Society, which is one of the world's largest and most active Undergraduate Societies. It holds "Imperial Trauma:" annually each November. This is the largest undergraduate meeting of its kind in the world.

## **INTERNATIONAL ORGANISATIONS**

### **American College of Surgeons**

Governor (South Africa)

2001 – 2003

2004 – 2006

Advanced Trauma Life Support Committee (ATLS®)

South African Representative

1995 - 1999

Committee on Trauma: Affiliate Member

2001 – 2004

2005 – 2008

### **American Association for the Surgery of Trauma (AAST)**

International Relations Committee

2006 – 2014

### **International Society of Surgery (ISS/SIC) - Zurich, Switzerland**

**Treasurer**

2005 – 2009

**President Elect**

2007 – 2009

**President**

2009 – 2011

**Secretary-General**

2016 - present

### **International Association for the Surgery of Trauma and Surgical Intensive Care (IATSIC)**

1997 – present

**Executive Committee**

1997 – present

**Vice President**

1997 – 1999

**World President**

1999 – 2001

**Immediate past President**

2001 – 2003

**Chairman – Education Committee**

2001 – present

### **Imperial College School of Medicine: London**

**Surgical Students Society**

**Patron**

2010 – Present

### **International Surgical Group**

**Vice President and President-Elect**

2014 – 2105

## **NATIONAL ORGANISATIONS**

### **Association of Surgeons of South Africa**

Executive Committee  
2004 – present  
International Relations Committee  
2011 - 2015

### **Civil Aviation Authority**

Senior Flight Medical Examiner  
Senior Medical Advisor  
2004 – present  
Aviation Medical Committee  
2010 - present

### **Health Professions Council of South Africa**

#### **Medical and Dental Professional Board**

Elected Member  
2004 – 2010  
Appointed member by the Minister of Health  
2010 - 2015  
Preliminary Committee of Enquiry (Disciplinary Matters)  
2004 – 2015  
Standards Generating Board (Medical standards of care)  
2007 – 2015  
Education and Registration Committee  
2010 – 2015  
Postgraduate Education and Training Committee  
2013 - 2015

### **South African Medical Association**

Branch Counsellor (Southern Gauteng Branch)  
2002 – present  
Executive Committee  
2003 – present

### **University of the Witwatersrand**

Member of Senate  
2001 - present

## **MEMBERSHIP OF PROFESSIONAL BODIES / ASSOCIATIONS**

### **COMMITTEES**

**Gauteng Provincial Air Ambulance Service Committee**

Chairman - Operations

1984 – 1998

**Johannesburg Hospital Disaster Planning Committee**

Chairman

1984 – 2007

**Gauteng Provincial Ambulance Advisory Committee**

1985 – 1999

**Gauteng Provincial Ambulance Academic Committee**

1986 – 1999

**Trauma Society of South Africa (TSSA)**

Gauteng Regional Representative / Executive Committee

1986 – 2000

President

2006 – 2009

**Full Time Specialist Association of the University of the Witwatersrand.**

Chairman

1990 – 1992

**University of the Witwatersrand Faculty Board**

1990 – 1994

2001 - 2014

**Medical Advisory Committee: Johannesburg Hospital**

1991 – 2014

**Advanced Trauma Life Support (A.T.L.S.<sup>®</sup>) Programme**

American College of Surgeons - Committee on Trauma

Regional (International) Faculty

December 1992 – present

Chairman - South African Faculty.

1995 – 1998

**Advanced Trauma Life Support: South African Region**

National Faculty

1991 - present.

Executive Committee

1991 – present

Chairman: Witwatersrand Region

1991 – 1995

National Chairman

1995 – 1998

**National Standards Committee for Emergency Training**

South African Medical and Dental Council

1995 - 1997

Gauteng Provincial Government: Department of Health

Educational Task Force on Training

1996 – 1997

**Road Accident Fund of South Africa**

Member - Medical Advisory Committee to Minister of Transport

1997 – 2001

**Task Force on Emergency Medicine and Intensive Care**

Chairman

Gauteng Provincial Government.

1997

**National Trauma Registry of the American College of Surgeons.**

Regional Programme Representative: South Africa

1997 - 2005

**Verification and Resources Committee - South African Trauma Society**

Chairman

1998 – present

**Air Ambulance Operations Committee**

Chairman

1999 – 2005

**International Society of Surgery (ISS): Lupsingen, Switzerland**

Executive Committee

1999 – 2013

President

2009 – 2011

**College of Surgeons of South Africa**

International Relations Subcommittee

Examination and Credentials Subcommittee

1999 – 2003

College Council

2009 - 2012

**Professional and Ethical Standards Committee**

**Animal Ethics Committee**

University of the Witwatersrand Faculty of Health Sciences

2008 – 2014

## PROFESSIONAL ASSOCIATIONS

American Association for the Surgery of Trauma (AAST)

Association of Surgeons of South Africa.

British Medical Association

British Trauma Society

Critical Care Society of South Africa.

European Society of Trauma and Emergency Surgery (ESTES)

Eastern Association for the Surgery of Trauma (EAST)

Guild of Air Pilots and Navigators London (GAPAN)

International Association for Trauma Surgery and Intensive Care. (IATSIC)

International Society of Aeromedical Services (ISAS)

South African Medical Association

Medical Society of London

Trauma Society of South Africa

Surgical Research Society of South Africa

Vascular Society of South Africa.

## VISITING ACADEMIC PROFESSORSHIPS AND LECTURESHIPS

### **Visiting Professor**

Department of Surgery  
The Royal London Hospital  
London  
August 1991 - January 1992

### **Visiting Professor**

Department of Surgery  
University of North Carolina at Chapel Hill  
Chapel Hill, North Carolina  
January 1992

### **Visiting Professor**

Department of Surgery  
University of Tennessee.  
Knoxville, Tennessee  
February 1992

### **Visiting Professor**

Department of Surgery  
University of Pennsylvania.  
Philadelphia, Pennsylvania  
October 1992

### **Visiting Professor**

Department of Surgery  
Hospital of the University of Pennsylvania  
Philadelphia, Pennsylvania.  
September 1993

### **Visiting Professor**

#### **Kilimanjaro Christian Medical Centre: Moshi, Tanzania.**

I assisted with the planning and running of a Trauma programme culminating in the establishment of a Trauma Centre in Moshi, Northern Tanzania. I was involved in planning meetings, as well as teaching medical staff on aspects of the management of Trauma.

20 - 28 June 1995.

### **Foundation Visitor: Royal Australasian College of Surgeons**

Royal Australasian College of Surgeons  
Annual Scientific Meeting  
Sydney, Australia  
May 1998.

I was the Foundation Visitor at the Annual Scientific Congress of the College in 1998. The Foundation of the Royal Australasian College makes provision for the funding of a Visitor in Trauma to give the keynote speech and present several other papers at the Annual Scientific Meeting of the College, and to visit other Centres to teach trauma. I visited Liverpool, NSW; Sydney, Townsville, and Auckland, New Zealand.

**Visiting Professor**  
Department of Surgery  
University of Pennsylvania.  
Philadelphia, Pennsylvania  
October 1998

**Visiting Professor**  
Department of Surgery  
University of Melbourne,  
The Royal Melbourne Hospital  
Melbourne, Australia  
July 1999.

**Visiting Professor**  
**Ethicon Lecturer.**  
Department of Surgery,  
University of Cape Town.  
30 August – 5 September 1999

**Moynihan Professor**  
Association of Surgeons of Great Britain and Ireland and  
Royal College of Surgeons of England.  
Birmingham, England  
26 April 2001

**Visiting Professor**  
Department of Surgery  
The University of Hong Kong  
8 – 17 July 2007

**British Journal of Surgery Professor**  
Annual Meeting of ASGBI  
Manchester.  
April 2007

**Visiting Professor**  
Department of Surgery  
The University of Kuala Lumpur  
Malaysia  
22 – 25 October 2010

## **ACADEMIC and EPONYMOUS LECTURESHIPS**

**McKeown Lecture** (Award of the McKeown Medal)  
**Royal College of Surgeons of Edinburgh**  
Belfast, Northern Ireland  
16 September, 1994.

**Visiting Lecturer**  
Department of Surgery,  
Scripps Memorial Hospital  
San Diego, California.  
September 1995

**International Trauma Fellow**  
First International Trauma Fellow,  
Trauma Care U.K.  
Edinburgh, Scotland.  
5-8 June 2001

**British Journal of Surgery (BJS) Lecture**  
Association of Upper Gastrointestinal Surgeons of Great Britain and Ireland  
Annual Meeting  
Edinburgh, Scotland.  
13-14 September 2001.

**Moynihan Lecture**  
Association of Surgeons of Great Britain and Ireland and  
Royal College of Surgeons of England.  
Birmingham, England  
26 April 2001

**ASGBI Visiting Fellowship Lecture**  
**Association of Surgeons of Great Britain and Ireland (ASGBI)**  
**British Journal of Surgery Professor**  
Annual Meeting of ASGBI  
Manchester.  
April 2007

**Lecture**  
**Hong Kong Surgical Forum**  
Hong Kong and Shanghai, PRC  
June 2007

**Gissane Lecture**  
Institute of Accident Surgery  
Birmingham, England  
November 2007

**Patricia Neumann Lecture**  
Association of Women Surgeons  
American College of Surgeons  
San Francisco  
October 2008

**International Society of Surgery Distinguished Lecture**  
American College of Surgeons  
San Francisco.  
October 2008.

## FELLOWSHIP AWARDS

### **International Corresponding Fellow**

Eastern Association for the Surgery of Trauma (EAST)  
Awarded January 1992

### **International Corresponding Fellow**

American Association for the Surgery of Trauma (AAST)  
Awarded September 1992

### **Michael and Janie Miller Fellowship**

University of the Witwatersrand Dept. of Surgery  
2002 Award

### **Programme for Chiefs of Clinical Services: Harvard University**

In 2002 I was awarded the above fellowship by the Michael and Janie Miller Foundation, and during January 2003, I attended the Course for Chiefs of Clinical Services, presented by the Harvard School of Public Health, in Boston, Mass.

The Course is specifically designed for Heads of Department, and is given annually. Training emphasises the following aspects involved in management of a Clinical Department:

- Operational issues
- Financial management
- Personnel and conflict resolution
- Legal issues
- Policy making

The course is presented in the classical Harvard format of small groups discussing case studies, reaching conclusions, and then presenting to the larger group under the facilitation of a member of the Harvard School.

## **OTHER AWARDS (including citations)**

### **McKeown Medal**

Donated by Mr. Kenneth McKeown and awarded by the Royal College of Surgeons of Edinburgh each year to the individual nominated by the Court of the Royal College to deliver the College Autumn Lecture.  
Royal College of Surgeons of Edinburgh  
16 September 1994

### **Royal Society of Medicine Medal**

Awarded to best research project submitted to the Society each year  
Evans P.A., Garnett M., Boffard K., Kirkman E., and Jacobson B.  
Evaluation of the effect of colloid on the bleeding time of the trauma patient.  
December 1994

### **Hans F. Snyckers Award**

Noristan South Africa.  
This award is made annually to a physician "in recognition of outstanding and creative contributions in the medical field and also in the community."  
November 1996

### **Paul Harris Fellow**

Rotary International  
This award as made by Rotary International in recognition of Services to the public  
July 2004

## **ACADEMIC AND PROFESSIONAL EXPERIENCE**

### **PREVIOUS APPOINTMENTS:**

1 March 2001 – 31 January 2014

#### **Academic:**

##### **Professor and Head**

Department of Surgery  
Johannesburg Hospital  
University of the Witwatersrand, Johannesburg

#### **Clinical:**

##### **Chief Specialist and Clinical Head of Department**

Department of Surgery  
Johannesburg Hospital  
Consultant Surgeon: Johannesburg Hospital Trauma Unit  
Gauteng Department of Health.

#### **Academic**

##### **Associate Professor**

1 January 1999 -  
28 February 2001

Department of Surgery,  
University of the Witwatersrand

##### **Senior Lecturer**

1 January 1984 -  
31 December 1998

Department of Surgery,  
University of the Witwatersrand

#### **Clinical**

##### **Specialist General Surgeon**

##### **Principal Surgeon and Head of Unit:**

1 March 1992 - Trauma Unit  
1 July 2002 Johannesburg Hospital

##### **Senior Consultant Surgeon and Head of Unit:**

1 April 1985 - Trauma Unit  
28 February 1992. Johannesburg Hospital

##### **Consultant Surgeon**

1 January 1984 - Consultant in General Surgery  
1 April 1985. Department of General Surgery,  
Johannesburg Hospital.

## Clinical – Training posts

### **Registrar including Senior Registrar Training Scheme in General Surgery United Kingdom**

**Registrar**  
1 August 1976 -  
31 December 1983.

General Surgery.  
General Surgical Training Scheme.  
Guy's Hospital and Medical School.  
Under the aegis of Professor Ian McColl, (Now Lord McColl)  
Guy's Hospital, London.

This was a recognised general surgical training scheme, rotating through academic, teaching, and recognised district hospitals in London and South East England.

**Lecturer**  
1 October 1983 -  
31 December 1983.

Guy's Hospital  
Department of Surgery.  
I spent three months in the Department as a Lecturer, in order to complete the experimental work for my thesis.

**Registrar**  
1 October 1982 -  
30 September 1983.

General Surgery  
Guy's Hospital  
Mr. J.D. Maynard, Mr. F.G. Ellis, and Mr. M. Rendall.  
This was the senior general surgical firm at Guy's, with 28 inpatient and additional day case beds. The interests included vascular surgery, gastroenterology, and head and neck surgery, particularly parotid surgery.

**Lecturer / Registrar** General Surgery  
1 October 1980 -  
30 September 1982.

Guy's Hospital  
Department of Surgery.  
I spent two years within the Department of Surgery, engaged in research for the Ph.D. (London). under the supervision of Mr. M. Jourdan. (See Research), as well as Registrar to the Professorial Surgical Unit.

During that time, I was also responsible for arranging and participating in the undergraduate and postgraduate teaching programmes. As Professorial Registrar, I was responsible for arranging the school based parts of the final M.B. examination in 1981 and 1982. I also had clinical responsibility as an honorary registrar in the Paediatric and Renal Transplant Units, with some urology.

**Registrar**  
1 October 1979 -  
30 September 1980

General Surgery  
Guy's Hospital  
Mr. R. G. Beard, Mr. W. R. O'Flynn, and Mr. D. P. Drake.  
A London Teaching Hospital job as Registrar on one of four general surgical units. This post also included the responsibility as sole registrar responsible for the Paediatric surgical unit. The main interests included vascular and colorectal surgery.

**Registrar**  
1 October 1978 -  
30 September 1979.

General Surgery  
Pembury Hospital.  
Mr. J. N. Gibson and Mr. G. A. D. Lavy.  
A busy regional Hospital with responsibility for a 42 bed  
surgical unit, covering a wide range of general surgery, especially  
gastroenterology and urology).

**Registrar**  
1 January 1978 -  
30 September 1978.

General Surgery  
Lewisham Hospital.  
Mr. I. Lynn Evans and Mr. M. Bultitude.  
This is a busy General Hospital surgical post, with a particular interest  
in Vascular Surgery. Time was also spent in Urology, both at  
Lewisham, and at St. Thomas's.

**Registrar**  
1 October 1977 -  
31 December 1977.

General Surgery  
Guy's Hospital (St. Olaves).  
Mr. R.G. Beard, Mr. J.D. Maynard, and Mr. M. Rendall.  
General Surgery, with an emphasis on gastroenterology, and head and  
neck surgery.

**Registrar**  
1 April 1977 -  
30 September 1977.

Paediatric Surgery.  
The Hospital for Sick Children, (Great Ormond Street).  
Mr. J. A. S. Dickson and Professor A. W. Wilkinson

The final month of this appointment was spent as  
Locum Senior Registrar to the Professorial Surgical Unit.

**Registrar**  
1 August 1976 -  
31 March 1977.

General Surgery.  
Mr. J. L. Hayward.  
Hedley Atkins Breast Unit, Guy's Hospital London, and  
Imperial Cancer Research Fund, London.

**Registrar**  
1 June 1975 -  
28 February 1976.

General Surgery / Traumatic Orthopaedics.  
Mr. P. S. London and Mr. M. F. Porter.  
The Birmingham Accident Hospital.

During the above period of employment, a total of three months was  
spent as a Surgical Registrar attached to the Midland Spinal Injuries  
Unit,  
Robert Jones and Agnes Hunt Orthopaedic Hospital,  
Oswestry, Shropshire.

**S.H.O.**  
1 June 1974 -  
31 May 1975.

Casualty / Trauma.  
Mr. P. S. London and Mr. M. F. Porter.  
The Birmingham Accident Hospital.

**S.H.O.**  
1 December -  
31 December 1973.

Renal Transplant Unit.  
Prof. J. A. Myburgh and Dr. R Rabkin  
Johannesburg General Hospital.

## **Intern (House Officer) Appointments**

### **House Physician**

1 July 1973-  
30 November 1973.

General Medicine.  
Dr. F. B. Reid.  
Johannesburg General Hospital.

### **House Surgeon**

1 January 1973 -  
31 May 1973.

Professorial Surgical Unit  
Professor J. A. Myburgh.  
Johannesburg General Hospital.

1 June 1973 -  
30 June 1973.

Trauma Unit.  
Professor A. E. Wilkinson.  
Johannesburg General Hospital.

## **SUPERVISION OF HIGHER DEGREES**

### **Internal Supervisor**

Dr. P. Bautz : M. Med (Surgery) 1993  
The effects of autotransfusion  
Successful

Ms. B. Price : MSc (Physiotherapy) 1994  
The injuries and effects of Motorcycle crashes  
Successful

Mr. J. Ouma : M.Med (Surgery) 2001.  
Prognostic Factors in Head injury

### **External Supervisor**

Mr. Douglas Bowley FRCS 2000 - 2002  
The Management of Colon Injury  
Thesis for the award of an M.S.  
University of Southampton.

Mr Gilbert Leung  
Neurosurgical Trauma  
Thesis for the award of a PhD.  
University of Hong Kong 2013

## **EXAMINER FOR HIGHER DIPLOMAS**

### **College of Medicine of South Africa**

Intermediate Examination for the Fellowship in General Surgery  
Intermediate Examination for the Fellowship in Maxillo-Facial and Oral Surgery  
Final Examination for the Fellowship of the College of Surgeons  
Higher Diploma in Surgery  
1999 – present

### **University of Pretoria**

External Examiner  
M.B. Ch.B. Examination  
Intermediate Examination for M.Med (Surgery).  
Final Examination for M.Med (Surgery)

### **University of KwaZulu Natal**

External Examiner  
M.B. Ch.B. Examination

## **ADMINISTRATIVE AND DEPARTMENTAL DUTIES**

### **Academic**

#### **DEPARTMENT OF SURGERY: JOHANNESBURG HOSPITAL**

The Department of Surgery of the University of the Witwatersrand, is the largest Department of its kind in South Africa. The University has some 4000 teaching beds, spread over three hospitals. Each hospital has a Department of Surgery, with service responsibilities to the individual hospital, and teaching responsibilities at both Undergraduate (medical student), and postgraduate (Resident, Subspecialist Fellowships in Trauma, Vascular and Gastroenterology), and Doctorate level.

In addition to its presence at the Gauteng Department of Health hospitals, in two private hospital, the Surgery Department at, Donald Gordon Medical Centre, and the Trauma Surgery Department at Netcare Milpark Hospital have been awarded full academic status and recognition for training as satellite units of the University of the Witwatersrand.

The Trauma Department at Milpark Hospital is an accredited Level One Trauma Centre by the Trauma Society of South Africa, and meets Level One criteria by the Committee on Trauma of the American College of Surgeons. It is the only such Unit that is so recognised.

The Trauma Centre at Milpark Hospital consists of a major Burns Centre with 8 Intensive Care beds, and a dedicated Trauma Intensive Care Unit with 30 Intensive Care beds .It is a full, multidisciplinary Centre, with all the supporting departments, including a 120 bed Rehabilitation Centre. The Centre is responsible for the care of 1200 trauma patients per month, including approximately 100 major trauma and burns cases per month.

The Unit drains trauma patients from Southern as well as sub Saharan Africa, and receives approximately 20% of its total cases by air (helicopter and fixed wing) – more than any other hospital in Africa.

There is a substantial outreach programme throughout the Province, as well as more widely across Africa.

As Trauma Director, I am responsible for the seven consultant Trauma surgeons in the Centre, as well as support staff. The Department runs an active academic programme, has a proven academic track record with a number of research projects, both independently, and in association with Charlotte Maxeke, and Chris Hani Baragwanath Academic Hospitals.

## **Current Research**

I am involved in the supervision of, or co-ordination of numerous research projects on the Trauma Unit and other Units within the Department of Surgery. The involvement is both in terms of the projects, and working with all the staff on the unit, encouraging research programmes. The Department is actively involved in both academic research programmes and contract research. The following projects are currently either in progress, applications are with the necessary bodies, or have been recently completed

1. Inferior vena cava filters
2. Abdominal sepsis
3. Haemostasis
4. Burns outcome

## **Contract Research**

The Unit has an active interest in contract research and I control the subdivision of contract research in the Department of Surgery for Johannesburg Hospital.

Recent or current projects include:

1. Recombinant Factor VII in trauma (Principal Investigator or sub-investigator)
2. Haemoglobin oxygen carriers (HBOC) National Principal Investigator
3. Abdominal sepsis in trauma

The Department has been the world leader in both two major prospective trials on Recombinant Factor VIIa, as well as on the artificial haemoglobins. I am currently National Principal Investigator on the multicentre trial on haemoglobin as an oxygen bridge in trauma.

## **Good Clinical Practice and Ethics training**

Initial training: 2001

Revalidated: 2004

Revalidated: 2006

Revalidated: 2009

Revalidated 2012

## PUBLICATIONS

### PAPERS: ACCREDITED JOURNALS

1. Craig RP and Boffard KD.  
Factitious surgical emphysema.  
Injury. 1977; 8:4 307-309.
2. Boffard KD, Clark GMG, Irving JBD, Knyba RE, Bulbrook RD, Wang DY, and Kwa HG  
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Definitive Surgical Trauma Care  
International Association for the Surgery of Trauma and Surgical Intensive Care.  
Pratteln, Switzerland. 2001  
ISBN No 0-620-27992-3

Boffard KD Editor  
Manual of Definitive Surgical Trauma Care  
International Association for the Surgery of Trauma and Surgical Intensive Care.  
Hodder Arnold . London 2003  
ISBN No 10-340-80925-6

Boffard KD Editor  
Manual of Definitive Surgical Trauma Care Second Edition  
International Association for the Surgery of Trauma and Surgical Intensive Care.  
Hodder Arnold . London 2007  
ISBN No 978-0-34094764-7

Boffard KD Editor  
Manual of Definitive Surgical Trauma Care Third Edition  
International Association for the Surgery of Trauma and Surgical Intensive Care.  
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*Winner: BMA Book Awards  
Chairman's Award. Best Textbook in all categories: 2012  
BMA Award: Best Surgical Book 2012*

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Manual of Definitive Surgical Trauma Care Fourth Edition  
International Association for the Surgery of Trauma and Surgical Intensive Care.  
CRC Press Inc. Miami 2015

## **EDITORIAL RESPONSIBILITIES**

### **Editorial Boards**

Injury - The British Journal of Trauma  
1984 – present

South African Journal of Trauma and Emergency Medicine  
1986 – 2001

South African Trauma Yearbook  
1992 – 1994

British Journal of Accident and Emergency Medicine (now E.M.J)  
1995 – 2000

British Journal of Pre-Hospital Medicine (now E.M.J.)  
1996 – 2000

Trauma (United Kingdom)  
1998 – present

Emergency Medical Journal - EMJ (British Medical Association)  
2000 - 2010

South African Journal of Surgery  
2001 - present

Journal of Trauma  
2007 - present

World Journal of Surgery  
2007 - present

Turkish Journal of Trauma and Emergency Surgery (Int. Editorial Board)  
2008 – present

Journal of Military and Veterans' Health (Australia)  
2008 – present

### **Referee**

South African Journal of Surgery  
1984 – present

South African Medical Journal  
1985 – present

European Journal of Surgery  
1984 – present

British Journal of Surgery  
2005 – present

Annals of Surgery  
2007 – present

## CONGRESSES / ABSTRACTS / PRESENTATIONS

Kabivitrum Lecturer  
Lectures on Intravenous feeding.  
Various hospitals in the South East of England.  
1979 - 1982.

F.F.A. Course (Guy's Hospital).  
Lectures on Vascular surgery, and on intravenous feeding.  
1981 - 1984

School of Nursing (Guy's Hospital).  
Lectures on polytrauma and on intravenous feeding.  
1980 - 1984

Abbot Lecturer.  
Lecture to St. Thomas's Hospital symposium on stoma care.  
1981 and 1982.

International Congress on Parenteral Nutrition  
Intralipid metabolism following thoracotomy.  
Leeds. 1983

4th International Congress on Disaster and Emergency Medicine.  
An ambulance report form for continuity in patient care.  
Brighton 1985.

South African Surgical Congress (ASSA)  
Helicopter Ambulance Services in South Africa.  
Durban 1986

American Society of Hospital Based Aeromedical services  
Flight for Life - The African Experience.  
Boston U.S.A. 1988

South African Surgical Congress (ASSA)  
High Frequency Jet Ventilation in trauma patients  
ibid  
Doppler pressure as an index of limb injury  
Cape Town. 1988

British Injury Research Group  
Resuscitation of the Polytrauma patient.  
The London Hospital.  
London 1989.

Symposium on Organisation of Trauma  
Organisation of a Resuscitation Team  
Durban. 1990

British Trauma Society  
1. Road vs. Air : Can a patient be too sick to fly?  
2. Organisation of a trauma team  
Lytham St. Annes. 1991

Trauma 91 - Dept. of Surgery : Biennial Refresher Course  
Papers on multiple trauma, and abdominal injury  
Johannesburg. 1991

Morrell DF., Van Heerden V, Clinton CW, Boffard K  
Trauma Anaesthesia in South Africa  
5th International Symposium of the International Trauma Anaesthesia and Critical  
Care Society  
London. 1993

Morrell DF., Van Heerden V, Clinton CW, Boffard K  
Management of Chest Trauma  
10th World Congress of anaesthesiologists (1993)  
Amsterdam Holland. 1993

Head Injuries  
Zambian Surgical Society (Invited participant)  
Chingola, Zambia. April 1993

International Association for the Surgery of Trauma and Surgical Intensive Care  
(IATSIC)  
Moderator: Vascular injuries of the Limb (Invited participant)  
International Surgical Week :  
Hong Kong : August 1993.

Airmed 93 : International Society of Aeromedical Services  
Road or Air Transport : Which is safest?  
Sydney, Australia. September 1993

International Association for the Surgery of Trauma and Surgical Intensive Care  
(IATSIC)  
Moderator: Multinational injuries. (Invited participant)  
Invited Speaker : Violence in South Africa  
International Surgical Week :  
Lisbon : August 1995.

Parenteral Nutrition Symposium : Pharmacia  
Parenteral nutrition of the trauma patient  
Bakubung : February 1995

Surgical Symposium : Dept. of Surgery  
Management of Penetrating vascular injury  
Johannesburg, 9 May, 1995

Royal Society of Medicine :  
Section of Accident and Emergency Medicine  
Evaluation of the effect of colloid on the bleeding time in the trauma patient.  
Presented by Garnett M.R.  
London : November 1995

Macnab C, Brooks A. and Boffard KD  
Changing Patterns of Injury in Johannesburg.  
Association of Surgeons of South Africa  
Zimbabwe : September 1996

Boffard KD, Brooks A, Macnab C.  
Changing Patterns of Pedestrian Injury in Johannesburg.

Association of Surgeons of South Africa  
Zimbabwe : September 1996

Brooks A. and Boffard KD, Macnab C.  
Gunshot injury in Johannesburg.  
Association of Surgeons of South Africa  
Zimbabwe : September 1996

International Association for the Surgery of Trauma and Surgical Intensive Care  
(IATSIC)  
Invited speaker and moderator  
Moderator: Trauma Systems  
Session on multiple trauma  
Speaker: Injuries to the diaphragm  
Intensive care basics for surgeons  
Futile Care  
International Surgical Week :  
Acapulco : August 1997.

Brooks AJ, Cross J, Macnab C, Boffard KD  
Changing mechanisms of South African trauma - a ten year retrospective analysis of  
6824 resuscitations at Johannesburg Hospital Trauma Unit.  
Congress of the Trauma Society of South Africa Durban - June 1996  
Trauma and Emergency Medicine 14: 32, 1997

American College of Surgeons  
Invited Speaker : International Trauma  
Trauma in a Developing Country  
Annual College Meeting 1997

Israeli Trauma Society  
Annual Meeting  
Invited speaker:  
The Introduction of a Regional Trauma System : Before and After  
The management of penetrating injuries of the neck  
Haifa, Israel. June 1998

Royal Australasian College of Surgeons  
Annual Scientific Meeting 1998  
Treat or Transfer - Best practice  
Austr. and N.Z. J. of Surg 68 (Suppl.) : A142 (1998)  
Emergency Room Angiography  
Austr. and N.Z. J. of Surg 68 (Suppl.) : A143 (1998)  
Pre-Hospital Amnesia  
Austr. and N.Z. J. of Surg 68 (Suppl.) : A144 (1998)  
Damage Control  
Austr. and N.Z. J. of Surg 68 (Suppl.) : A145 (1998)  
Treatment of Blunt Chest Trauma  
Austr. and N.Z. J. of Surg 68 (Suppl.) : A145 (1998)  
Immediate care vs. the Neurosurgeon  
Austr. and N.Z. J. of Surg 68 (Suppl.) : A147 (1998)  
The Efficient Trauma Team : a Longitudinal Study  
Austr. and N.Z. J. of Surg 68 (Suppl.) : A148 (1998)  
Maximum care on a developing continent  
Austr. and N.Z. J. of Surg 68 (Suppl.) : A148 (1998)  
Sydney, Australia 1998

European Trauma Society  
Annual Meeting  
Invited speaker: Management of trauma  
The management of pancreatic duct injury  
Linköping, Sweden August 1998

International Association for the Surgery of Trauma and Surgical Intensive Care  
(IATSIC)  
Invited speaker and moderator  
Moderator: Trauma Systems  
Vascular Trauma  
Speaker: Health Care in developing countries  
Vascular Trauma : Civilian vs. Military.  
International Surgical Week :  
Vienna : August 1999.

Swedish Association of Surgeons  
Invited speaker and moderator  
Pancreatic and Duodenal Injury  
Norköping, Sweden: 1999

European Association for Trauma and Emergency Surgery (EATES)  
Annual Scientific Congress  
Pisa, Italy : April 2000  
Invited Speaker: Non operative management of solid organ injury  
Pancreatic and duodenal injury

Uniformed Service University of the Health Sciences  
Annual International Day  
Invited Speaker.  
Bethesda, Maryland. August 2000

American College of Surgeons  
Annual College Meeting  
Invited Speaker : Contemporary issues in clinical trauma care  
Neck and Chest  
International applications  
Chicago. 2000

Association of Surgeons of Great Britain and Ireland  
Annual meeting with the Royal College of Surgeons,  
Primary repair of penetrating colonic wounds  
Bowley DMG, Macnab C, Barker P, Goosen J, Boffard KD.  
Br. J. Surgery. 2001; 88 (Supp 1): 39

Penetrating neck injury in a major trauma centre  
Bowley DMG, Hersman G, Barker P, Boffard KD.  
Br. J. Surgery. 2001; 88 (Supp 1): 39

Trauma Care UK  
Annual Meeting: Edinburgh, Scotland.  
Blunt and Penetrating Injury  
Penetrating injuries of the abdomen  
5-8 June 2001.

International Surgical Week  
Biennial Meeting of the International Society of Surgery  
Brussels, Belgium.  
26-30 August 2001.

Surgical Challenges: Access to the Superior Mesenteric and Portal systems:  
Surgical Infections.

Association of Upper Gastrointestinal Surgeons of Great Britain and Ireland  
Annual meeting: Edinburgh, Scotland  
13-14 September 2001.  
Keynote speaker: Transmediastinal injuries  
Pancreatic injury

Royal College of Physicians and Surgeons of Glasgow  
Keynote: Pancreatic and Duodenal Trauma  
Award of Honorary Fellowship  
7 November 2002

Vascular Society of Great Britain and Northern Ireland  
Penetrating Vascular trauma of the great vessels  
Belfast, Northern Ireland.  
22 November 2002

American Association for the Surgery of Trauma  
Recombinant activated Factor VII in the Trauma Patient  
Annual meeting: Hawaii  
September 2004

American Association for the Surgery of Trauma  
The use of low dosage X-ray (Lodox/Statscan) in major trauma  
Annual meeting: Atlanta, GA  
September 2005

American College of Surgeons  
Invited speaker: panel  
Training for surgeons  
San Francisco, CA  
2005

## KEYNOTE ADDRESSES

"Doctor, there's been a Disaster!  
**SWAN Course**  
Public Meeting on Disaster Management.  
Sydney Australia April 1998.

"The Benefits of a Benign Dictatorship in trauma"  
**Royal Australasian College of Surgeons : Foundation Lecture**  
Annual Scientific Meeting  
Sydney, Australia. 1998

"The Introduction of a Regional Trauma System : Before and After"  
**Israeli Trauma Society**  
Annual Meeting  
Haifa, Israel. June 1998

"It is time we stopped watching the birds!"  
**International Air Ambulance 1998**  
Annual Air Ambulance Exposition  
Paris, France June 1998

"Damage Control : Lessons for the Military from the War on the Streets" **Triservice Meeting : Royal Medical Defence Establishment,**  
Aldershot : United Kingdom  
6 October 1999

"The organisation of trauma care: From the underexposed to the overwhelmed".  
Trauma for the new millennium  
**Royal College of Surgeons of Edinburgh**  
Edinburgh, Scotland.  
The Management of Major Trauma: 2000  
14 – 15 September 2000

Damage Control  
**Trauma Care UK**  
Edinburgh, Scotland.  
7 June 2001

Trans Mediastinal Injury  
**British Association of Upper Gastrointestinal Surgeons**  
Edinburgh, Scotland.  
13 – 14 September 2001

Pancreatic and Duodenal Trauma  
**Royal College of Physicians and Surgeons of Glasgow**  
Glasgow, Scotland.  
7 November 2002

When does Multidisciplinary care become Intensive Care?  
**South African Maxillo Facial and Oral Surgery Congress**  
Johannesburg, South Africa  
February 2003

**Emergency Medicine Society of South Africa (EMSSA)**

Cape Town, South Africa.

4 – 6 October 2007

**Danish Surgical Society**

Copenhagen, Denmark

1 – 2 November 2007

**International Surgical Week (International Society of Surgery)**

Montreal, Canada,

24 – 27 August 2007

**Association of Surgeons in Training (ASiT)**

Belfast, Northern Ireland

30 March – 1 April 2007

**Royal College of Surgeons of Thailand**

Pattaya, Thailand

27 – 30 July 2007

**Hong Kong Surgical Forum**

Hong Kong and Shanghai, PRC.

14 – 17 July 2007

**Trauma, Shock and Inflammation**

Munich, Germany.

13 – 7 March 2007

**European Association for Trauma and Emergency Surgery (EATES)**

Graz, Austria

23 – 26 May 2007

**French Surgical Society**

Limoge, France

4 – 5 May 2007

**Gissane Lecture**

Institute of Accident Surgery

Birmingham, England

22 Nov 2007

**Harry Young Lecture**

West Midland Surgical Society

Birmingham, England.

23 November 2007

**London Workshop**

Mount Sinai Hospital

London, England.

13 – 15 January 2007.

**International College of Surgeons**

Annual International meeting

Pattaya, Thailand.

25 – 29 October 2006

**Taiwan Surgical Society**

Annual meeting  
Kaohsiung, Taiwan, ROC  
27 – 30 March 2008

**Singapore Surgical**

Singapore  
1 – 6 April 2008

**Surgery of War**

Sessvolmoen, Norway  
5 – 9 May 2008

**European Society for Trauma and Emergency Surgery (ESTES)**

Budapest, Hungary  
25 – 27 May 2008

**European Society of Anaesthesia (Euroanaesthesia)**

Copenhagen, Denmark.  
31 May – 2 June 2008

**Distinguished ISS Lecture**

American College of Surgeons  
San Francisco, CA  
16 October 2008

## **COURSES GIVEN**

### **AMERICAN COLLEGE OF SURGEONS** **ADVANCED TRAUMA LIFE SUPPORT COURSE:**

The American College of Surgeons Advanced Trauma Life Support Course was introduced in to South Africa in 1993. I have been involved in both the organisation and training of South African Faculty since the inception of the programme. I was a member o the initial Trauma Group chosen by the American College of Surgeons for training in the Programme. This training took place in Philadelphia PA., in September 1991, and involved not only training in the programme itself, but also training the educational and teaching techniques. To date (2007) there have been >750 courses in South Africa, with >12000 doctors trained.

**Regional Faculty:** American College of Surgeons : Chicago  
International Regional Faculty  
December 1992 - 1998

**National Faculty:** South Africa (Trauma Society of South Africa)  
1991 – present

**Regional Chairman:** Witwatersrand Region  
1991 – 1995

**National Chairman:** 1995 – 1998

**Registered Instructor:**

United States  
(American College of Surgeons)

Britain  
(Royal College of Surgeons)

South Africa  
(Trauma Society of South Africa)

**Courses presented:**

Oxford	September 1991
Northern Ireland	October 1991
London	November 1991
London	December 1991
North Carolina	January 1992
Hong Kong	February 1997 (Invited International Faculty)
South Africa	> 20 Instructor Courses
	> 100 Student Courses

## **BRITISH COUNCIL**

The British Council, a British Non Governmental Organisation, has an active role in ongoing training and education throughout the British Commonwealth. The Courses on Trauma Management are organised and run by the British Council, attracting delegates from throughout the world, to involve them and train them in the management of severe Trauma.

Course on the Management of Trauma  
Belfast, Northern Ireland.  
May 1992.

**Joint Main Invited Speaker** (With Professor D. D. Trunkey)

Course on the Management of Trauma  
Belfast, Northern Ireland.  
September 1994.

**Joint Main Invited Speaker** (With Professor Stephen Deane)

Course on the Management of Trauma  
Belfast, Northern Ireland.  
September 1996.

**Joint Main Invited Speaker** (With Professor D.D. Trunkey)

## **UNITED STATES PEACE CORPS**

The United States Peace Corps, started by President John F. Kennedy, has over 6000 Peace Corps volunteers working in developing countries world-wide. It has its own Medical Service, consisting of over 150 doctors and nurses, (Peace Corps Medical Officers) whose job it is to administer to the medical needs of the Volunteers. Every year, the Peace Corps has an ongoing Continuing Medical Education Programme for its Medical Officers. In 1994, I was asked by the Peace Corps' Head Office in Washington D.C., to co-ordinate and provide a Continuing Medical Education Programme in the form of a course, for all its Medical Officers world-wide. This involved designing a suitable course, organising teaching staff and equipment, and transporting these to wherever the course was to be held.

**Organiser :** Continuing Medical Education Programme  
West African Region.  
Accra, Ghana. April 1994.

**Organiser :** Continuing Medical Education Programme  
East African Region.  
Kampala, Uganda. April 1994.

**Organiser :** Continuing Medical Education Programme  
Asia / Pacific Region.  
Fiji. September 1994.

**Organiser :** Continuing Medical Education Programme  
Europe / Middle Eastern Region.  
Izmir, Turkey. October 1994.

## **INTERNATIONAL ASSOCIATION FOR TRAUMA SURGERY AND INTENSIVE CARE DEFINITIVE SURGERY OF TRAUMA CARE COURSE (DSTC)**

The DSTC Course is an initiative of the International Association for the Surgery of Trauma and Trauma Intensive Care (IATSIC) a founding Society of the Société Internationale de Chirurgie. It is intended as a specific training Course for Surgeons, and Surgical Trainees, to involve them in the definitive (surgical) care of Trauma victims, and specifically to train them in surgical decision making, the surgical techniques required to stop bleeding and to do the definitive repair of major traumatic injury. These not-for-profit courses are given by invitation, world-wide, and in addition to South Africa, have currently taken place in 28 countries. As President of IATSIC, the Course was my Presidential initiative. To date about 350 courses have taken place, and nearly 7000 surgeons trained.

It is now the world biggest course programme after ATLS®.

I am the Editor of the Operative manual, which is currently in its 4<sup>th</sup> International edition (2015)

### **Course Director / Invited Faculty**

#### **South Africa**

##### **Cape Town**

August 2004  
October 2005  
August 2006  
October 2007  
October 2008  
August 2009  
October 2010  
October 2011  
October 2012  
October 2013

##### **Empangeni**

November 2006  
June 2007  
February 2008

##### **Johannesburg**

March 1999  
July 1999  
February 2000  
November 2000  
May 2001  
April 2002  
May 2002  
October 2003  
November 2004  
August 2005  
May 2006  
May 2007  
June 2008  
June 2009  
April 2010  
November 2010  
April 2011  
November 2011  
April 2012  
November 2012  
April 2013  
November 2013  
April 2014  
November 2014  
March 2014

## International

### Australia:

Melbourne  
July 1999  
November 2006  
Sydney  
August 1999  
November 2006  
Brisbane  
March 2009  
Adelaide  
September 2009  
Sydney  
July 2014  
Melbourne  
November 2014

### Austria:

Graz  
August 1999  
September 2001

### Canada

Montreal  
August 2007

### Cyprus

October 2009

### Denmark:

Copenhagen  
May 2007  
June 2008  
June 2009

### Emirates:

Abu Dhabi  
March 2004

### France

Lyon  
May 2008  
May 2013

### Germany

Dusseldorf  
November 2008  
Berlin  
February 2009  
Frankfurt (Homburg)  
September 2010  
September 2011  
September 2012  
September 2015

### Greece:

Athens  
February 2007  
Larissa  
March 2003  
November 2005

### Hong Kong

January 2006  
July 2007  
November 2009  
June 2014  
June 2015

### Israel:

Haifa  
February 2007  
December 2007

### Japan:

Tokyo  
March 2013  
June 2014  
June 2015

### Netherlands:

Nijmegen  
August 2001  
February 2004  
March 2005  
December 2006  
December 2007  
December 2008  
December 2009  
November 2010  
November 2011  
November 2012  
November 2013  
November 2014

### Norway:

Oslo  
November 2006  
September 2007  
November 2007  
November 2008  
November 2009  
June 2010  
October 2011  
June 2012  
October 2013  
June 2014  
September 2015

### Portugal:

Coimbra  
November 2006

### Singapore

November 2005  
April 2008  
April 2015

### Turkey:

Istanbul  
October 2002

### Spain:

Madrid  
April 2006  
Barcelona  
January 2007

### Sweden:

Linköping.  
August 1998  
Lund  
September 2006  
Östersund  
April 2005  
May 2006  
September 2007  
Stockholm  
April 2007  
July 2009  
May 2013  
Gothenburg  
September 2008  
August 2009  
September 2010  
September 2011  
September 2012  
September 2013  
September 2014  
September 2015

### Thailand:

Bangkok  
January 2006  
August 2015

### Yemen:

Sana'a  
February 1997

## **WAR SURGERY COURSE**

A specific course has been developed to assist military medical personnel to deal with battlefield casualties, as well as peacekeeping missions and disaster relief. The four day course concentrates on the management of missile wounds, triage, and austere condition medicine. These courses are currently presented in South Africa, Norway, Sweden and Singapore, under the auspices of the armed forces of those countries and the International Association for Trauma Surgery and Intensive Care.

### War Surgery Courses

#### **South Africa:**

Operation MedFlag (jointly with the United States Air Force)

Hoedspruit Air Force Base

September 2005

Pretoria

September 2006

#### **Norway**

Norwegian Armed Forces Centre for Defence Medicine

Sessvolmoen Army Base (Oslo)

May 2006

May 2007

May 2008

May 2009

May 2010

May 2011

May 2012

May 2013

May 2014

May 2015

#### **Singapore**

Singapore Armed Forces

April 2008

#### **Sweden**

Swedish Armed Forces

Kansö Military Base (Gothenburg)

August 2009

September 2010

September 2011

September 2012

September 2013

September 2014

September 2015

## **BATLS / BARTS® COURSES**

I am National Faculty for the Battlefield Advanced Trauma Life Support Course and the Battlefield Advanced Resuscitation Trauma Support Courses, and these courses are part of the standard training syllabus for the South African National Defence Force

## NATIONAL TRAUMA MANAGEMENT COURSE

As part of our international programme, in association with the International Association for the Surgery of Trauma and Surgical Intensive Care, (IATSIC) we have developed the first trauma training programme suitable for surgeons in less developed countries. The first course of its kind took place in Gujarat, India in April 2000. The training of 130 orthopaedic surgeons was arranged by ourselves. A Faculty of five, with all our equipment was transported to India. We developed and ran the course entirely within our own resources.

The course has become a blueprint for trauma management courses in developing countries in Africa and Asia. To date we have trained over 7000 doctors.

I have directed the following courses, organised and managed through this Department.

Ahmedabad, India April 2000 January 2001. December 2001 April 2002 December 2005 February 2008	New Delhi, India February 2001 December 2006
Coimbatore, India September 2001.	Surat, India April 2002
Mumbai, India December 2003	Chennai, India December 2003 February 2006

Additional Courses have been held under the control of this Department:

Abuja, Nigeria Coimbatore, India Ahmedabad, India New Delhi, India	Lucknow, India Guwahati, India Puna, India Chennai, India
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A new programme has been launched in Sri Lanka in 2009  
Colombo 2009  
Kandy 2009

A new programme has been launched in Nigeria in 2010  
Port Harcourt 2010  
Warri 2010

A new programme has been launched in Kazakhstan in 2012  
Atyrau 2012  
Atyrau 2013  
Atyrau 2014 (two courses)

## **SWAN Courses**

SWAN (South West Australia Network) is one of the largest and busiest Regional Trauma Network Systems in Australia. Every year, SWAN runs a training course for medical personnel actively involved in the management of major trauma, attended by between 200 and 400 people.

### **SWAN Meeting : Liverpool Hospital, Sydney, Australia.**

I was a guest lecturer at the South Western Australia Network (SWAN) Trauma Course in Sydney, and a remote trauma course in Alice Springs.

#### **Invitation Lecturer**

Liverpool Hospital  
University of New South Wales  
Sydney Australia  
5-13 November 1996

#### **Invitation Lecturer**

Liverpool Hospital  
University of New South Wales  
Sydney Australia  
28 - 30 April 1998

#### **Invitation Lecturer**

Liverpool Hospital  
University of New South Wales  
Sydney Australia  
August 1999

#### **Invitation Lecturer**

Liverpool Hospital  
University of New South Wales  
Sydney Australia  
August 2014

## **AUSTRAMA**

The Westmead hospital in Sydney organises a two day international Congress revolving around Keynote speakers in the Medical and Nursing profession. Usually 10 International speakers are invited.

February 2008

#### **Invited Speaker**

University of New South Wales  
Darling Harbour  
Sydney Australia

## **NON-MEDICAL ACTIVITIES**

### **INTERESTS:**

Computers  
Classical Music  
Woodwork  
Flying  
Diving

### **AVIATION MEDICINE:**

Senior Flight Medical Examiner  
Institute of Aviation Medicine.  
(Examination No 734-S)

Principal Medical Advisor  
Europ Assistance South Africa Aeromedical Programme  
1991 – 2003  
Netcare Aeromedical Service  
1997 – 2004

### **FLYING:**

Private Pilot's Licence - Aeroplanes.  
South Africa PPL No PA09408/X  
(Single and Multi piston engined aircraft up to 2700 Kg)  
United Kingdom PPL No PP 8174 A  
(Single and Multi piston engined aircraft up to 5400 Kg)  
United States FAA PPL No 2273860  
(Airplane Single Engine Land)

Private Pilots Licence - Helicopters.  
South African PPL No PR 18373/0  
(Robinson R-22 and Bell 206L / 206B series)  
United Kingdom PPL No PP1089H  
(Robinson R-22 and Bell 206B / 206L series)

### **DIVING:**

Scuba Diving  
NAUI Certificate: Open Water I

### **DRIVING:**

Holder: Institute of Advance Motorists Certificate (U.K., and S.A.)  
Instructor: Institute of Advanced Motorists of South Africa.  
BMW Advanced Course on collision avoidance  
BMW M3 High Speed course  
BMW Antihijacking Course

### **OTHER:**

Climbed Kilimanjaro – July 1999