

DR. ADRIAN COHEN

Bachelor of Medicine, Bachelor of Surgery
First Class Honours

EXECUTIVE SUMMARY

Adrian John Cohen is a Medical Doctor with multidisciplinary education and skills in a wide variety of medical, corporate, information technology and communication areas.

A distinguished academic career has been complimented by post-graduate experience in

- Emergency Medicine
- Spinal Injuries
- Pre-hospital Care
- Sports Medicine
- Wilderness Medicine
- Management
- Media
- Film and Television Production
- Education and Training

In management, Adrian has operated at senior levels in organisations in the Medical and communication industries, and successfully run his own business, Immediate Assistants Events which provides Medical Risk Management services to industry, film and television productions, sporting events and venues since 1986.

Adrian is a polished media performer, and regularly appears and is heard on national television and radio.

He developed what became Australia's largest Medical Internet site, Medical Online, and has extensive knowledge and experience in the burgeoning electronic technology of modern communication.

As a health technology entrepreneur, he created Nurochek, a worlds-first portable device for the assessment of brain injury, especially relevant for concussion in sport, early detection of dementia and a range of other clinical opportunities. From concept to FDA approval, he has shepherded the product through to international acceptance and guided clinical research in multicentre trials in Australia, New Zealand the USA and UK. Nurochek has the ability to radically transform the diagnosis and management of neurological disorders affecting tens of millions of people worldwide each year.

His key skills include:

- Reliable productivity at a high level
- Management ability
- Leadership
- Critical analysis
- Business acumen
- Innovative thinking
- Communication

Adrian is at the top end of the achievement spectrum, a proven executive with strong analytical, leadership and management ability.

1. PERSONAL DETAILS

NAME: Adrian John COHEN

ADDRESS FOR CORRESPONDENCE:

PO Box 509

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AUSTRALIA 2024

DATE OF BIRTH: March 3, 1961. (Sydney, Australia.)

FAMILY STATUS: Married

NATIONALITY: Australian

PASSPORTS HELD: Australian

LANGUAGES: Rudimentary French, German, Spanish

2. ACADEMIC RECORD

TERTIARY: University of New South Wales
Anzac Parade, Kensington, AUSTRALIA

Course Academic Record:

Pass	5
Credit	9
Distinction	6
High Distinction	12

Graduated MB.,BS (Bachelor of Medicine, Bachelor of Surgery) with First Class Honours 1984

Teaching Hospitals: The Prince of Wales Hospital
The Prince Henry Hospital
The Royal Hospital for Women
The Royal South Sydney Hospital

Editor Medicine Yearbook 1983

Director University of NSW Medical Reviews 1981 and 1983

3. UNDERGRADUATE EXPERIENCE

ORTHOPAEDICS and TRAUMA

1982-4

Hugh Smith Department of Orthopaedic and Traumatic Surgery, Prince of Wales Hospital.

Professor R.L. Huckstep

Research areas: Bioprotheses
 Malignancies of Bone

University of NSW Delegate to Australian Orthopaedic Association Undergraduate Workshop 1983

EPIDEMIOLOGY / A.I.D.S.

August 1983

Research and Data collection for the first Australian A.I.D.S. study under the auspices of the Commonwealth Institute of Health.

Dr. Julian Gold

PSYCHIATRY

Sept - Dec 1983

Research into homeless men undertaken under the auspices of the St. Vincent's Hospital Psychiatric Unit at the Matthew Talbot Hostel.

Dr. Neil Burek

OVERSEAS EXPERIENCE

July 1983

Trainee Internship at Tauranga Hospital, New Zealand

4. PROFESSIONAL QUALIFICATIONS

- Bachelor of Medicine, Bachelor of Surgery (Honours 1st Class)
- AHPRA Unconditional Medical Registration MED0000974668i
- EMST (Early Management Severe Trauma)
- ALS (Advanced Life Support)
- ATLS (Advanced Trauma Life Support)
- ACLS (Advanced Cardiac Life Support)
- TAE4011 Certificate IV in Training and Assessment
- ASADA Level 1 and 2 Certificate
- HUET Helicopter Underwater Escape Training (Instructor)
- PADI Rescue Diver 0711001971, Nitrox
- PUASAR004B Undertake Vertical Rescue
- MNC20107 Cert II Surface Coal Operations (2)
- PUAFIR207B Operate Breathing Apparatus Open Circuit
- PUASAR002B Undertake Road Accident Rescue
- 69813 Drug and Alcohol Screening
- 91515NSW Course in NeckSafe (Instructor)
- PUAEME004A Provide Emergency Care for Suspected Spinal Injury (Instructor)
- BSB41407 Certificate IV in Occupational Health and Safety
- PRMPFES04B Identify Fire Protection Equipment
- PRMPFES05B Use Portable Fire Fighting Equipment
- ASADA/WADA Level 2 Certified
- World Rugby and Australian Rugby Union
 - Level 3 Approved Advanced Care Practitioner
 - Match Day Medical Staff
 - Immediate Care in Sport
 - Concussion Medical Professionals
 - Concussion Team Doctors
 - First Aid
 - Integrity
 - Keep Rugby Clean
 - Rugby Ready

5. POST-GRADUATE EXPERIENCE

1985 INTERNSHIP

Experience in General Medicine, General Surgery, Ear Nose and Throat Surgery, Accident and Emergency Medicine

Prince of Wales, Prince Henry, Royal South Sydney Hospitals.

1986 RESIDENCY

Experience in General Surgery, Cardiothoracic Surgery, Orthopaedic Surgery, Accident and Emergency Medicine and country hospital practice.

Prince of Wales, Prince Henry and Bega District Hospitals.

Part-time General Practice experience at Immediate Health Care, Newtown.

JANUARY 1987 SENIOR RESIDENCY

Orthopaedics and Traumatic Surgery
Prince of Wales Hospital

JULY 1987 REGISTRAR

Orthopaedics and Traumatic Surgery
Prince Henry Hospital

Resident Medical Officers Association

- Committee 1984
- Secretary/Social Director 1985
- Treasurer 1986

6. 1987-90 HELICOPTER RESCUE

The Surf Life Saving Association Helicopter Rescue Service is Australia's only National helicopter rescue programme. Founded in 1973, the organisation is responsible for over 10,000 rescues and patient transports. The Service is internationally renowned for its excellence and professionalism in the fields of aquatic, cliff, motor vehicle and disaster response, in addition to domestic, interstate and overseas patient retrieval.

1987 Deputy Medical Director

1988-9 Chief Medical Officer

1990 Development Manager

Duties included:

- 1) Fully operational member of Rescue Crew, requiring medical skills plus abseiling, airborne rappelling, rescue SCUBA diving, caving, aquatic rescue etc.
- 2) Chief Medical Officer responsible for Medical aspects of training for medical and non-medical staff, equipment evaluation and purchase, research, Emergency Services liaison, medical planning and Event management, interhospital liaison and official representation.
- 3) Administrative responsibility for up to 20 full and part-time doctors in addition to 30 aviation and rescue personnel.
- 4) Responsibility for the development and strategic planning of the Helicopter Rescue Service.
- 5) Initiation and administration of the Overseas Repatriation programme of the Helicopter Rescue Service on behalf of major Travel Assistance Companies, Insurance Companies, Government and Corporate organisations.
- 6) Publicity, Public Relations and Promotion of the Helicopter Rescue Service.
- 7) Media relations and Communications.
- 8) Sponsor acquisition and liaison.
- 9) Corporate and Community fundraising.
- 10) Responsible for the creation and management of the BEACHWATCH (pollution monitoring) service on behalf of the NSW State Pollution Control Commission.

7. MEDIA & MEDICAL COMMUNICATIONS

Dr Adrian Cohen, an Australian-born physician, has been involved in television video and radio production for over a decade.

In addition to his medical rescue work, Dr Cohen is also a regular guest doctor on television and radio in Australia and has appeared extensively in Discovery Channel's documentary coverage of Eco-Challenge.

In 1989, a narrowcast satellite network, Australian Medical Television contracted him to present their News and Current Affairs segments targeted towards doctors across the country.

From 1990-6 he was actively involved as both a presenter and director of the Doctors' Television Network (now Good Health TV), on which he presented preventative health information in the waiting rooms of Medical Centres across Australia. This monthly programme pioneered the in-house medical networks which now pervade Australia.

In addition, he has appeared regularly on cable TV including the FX Channel Breakfast Show, as medical presenter on the Lifestyle Channel's 'Australian Living' segments and also on network TV Channel 9's Midday Show and Channel 10's 'Live It Up' and 'Monday to Friday' programs on which he has been a weekly feature.

He has also written articles for a number of popular magazines and anchored regular radio medical advice segments.

In 1997, Adrian founded the Medical Communication Company, **MC²**, specializing in electronic communication and New Media, which created and hosts the largest medical Internet site in Australia, Medical Online. (www.medicalonline.com.au) and produces corporate video, multimedia and integrated medical communication solutions.

The key to his successful style is his engaging and warm manner and ability to present (often complex) information without appearing patronising or simplistic.

Unlike so many doctors and medical experts, Adrian has made communication a priority.

From 1997 with his involvement with international sports and televisions programmes ("*Survivor*", "*Eco Challenge*", "*Mild Seven Outdoor Quest*"), wider, international audience has been garnered, with these productions now specifically focusing hour-long specials on Dr. Cohen and his Immediate Assistants team.

In Australia, his credits include "*The Biggest Loser*", "*The NRL Rookie*", "*The Recruit*", "*Gladiators*", "*Excess Baggage*", "*Fox Health*" and just about every daytime television show for the past 3 decades.

In 2001, US production company Tuffin Entertainment retained Adrian to host their nationally syndicated and internationally distributed medical news magazine programme, MedQuest, in recognition of his increasing international popularity.

Other appearances include: "*Oprah*", "*The Morning Show*" (CBS), "*Entertainment Tonight*", "*Discovery Health*", "*Open Mike Show*" (CTV Canada) LA Daily News, Toronto Star, USA Today.

8. IMMEDIATE ASSISTANTS EVENTS

This private company was established in 1987 to provide a variety of services to the Medical Profession and Consultancy to the business community under the banner Medical Risk Management.

It's main fields of endeavour have included:

- **MEDICAL EVENT & VENUE MANAGEMENT**

Embodies the unique concept of providing medical services to major events such as motorsport, conventions, public functions, concerts, sporting events etc. This includes the integration of medical and paramedical personnel with local emergency authorities, the selection and equipping of ambulances, safety vehicles and evacuation helicopters and the necessary liaison with the local health system.

Immediate Assistants has long term contracts with Homebush (Olympic) Stadium and the Sydney Cricket and Sports Ground Trusts to provide services into the next decade.

- **MINING AND RESOURCE INDUSTRY MEDICAL RISK MANAGEMENT**

Immediate Assistants can provide the following services:

- Complete On-site and Mobile Clinics
- Medical Personnel: Doctors, Nurses, Paramedics, Rescue Specialists
- Ambulance Vehicles and Medical Equipment
- Fixed and Mobile Medical Centres
- Advanced Life Support Equipment
- Occupational Health and Safety (OHS) Audits and Consultancy
- Pre and post-Employment Medical Assessments
- Drug and Alcohol Testing Programs
- Vaccination / Immunisation Services/Records
- Psychological Testing and Review
- International Medical Repatriation (Medevac)
- Nationally Accredited Training (RTO #5577)
- First Aid Kits, Paramedic Field Kits and portable Oxygen Systems
- Helicopter and Helicopter Underwater Escape (HUET) Training
- Safety, Rescue and Extrication Equipment and Training
- Fly in / Fly out paramedic teams
- Emergency Medical Transport to selected hospitals and health facilities, Routine patient transport and return to work

- **TRAINING**

Immediate Assistants as a Registered Training Organisation (RTO #8877) provided a number of courses for Medical and non-medical personnel, all with accreditation under VETAB (Vocational Education and Training Accreditation Board of NSW) and the Australian National Training Authority (ANTA).

Immediate Assistants' courses are taught by experts in the field to ensure that the experiences gained have practical application in the real world.

Instructors have completed recognised instructional programmes (minimum Workplace Trainer and Assessor Certificate IV qualifications) and have extensive experience in the field of education and training.

The company has the resources, credentials, track record and vision to ensure that the programmes that are developed are the best of their kind yet can be adapted to the needs of individual organisation.

Immediate Assistants has over \$100,000 invested in teaching resources, from video and slide projectors through laptop computers, the latest in medical equipment and over a dozen resuscitation manikins including full intubation and defibrillation models.

For over 20 years we have provided training to Council Lifeguards, Industry, Security Companies, Sports Trainers, Doctors, Nurses and Paramedics.

Courses are available in:

- Basic and Advanced First Aid, Paramedical Skills, Defibrillation
- Rescue
- Helicopter Rescue
- Lifeguard Skills
- Necksafe®: The Acute Management of Spinal Injuries
- Headsafe: Concussion Management

- **INTERNATIONAL AND DOMESTIC MEDICAL ASSISTANCE**

Providing the expertise and personnel for local and International Travel Assistance companies (medical and technical services) including:

- P & O Holidays
- S.O.S. International Assistance
- Europe Assistance
- Access 24 Australasia
- Aussie Assist (NRMA, RACV, RACQ etc)
- G.E.S.A
- International Medical Assistance (IMAN)
- Australia Air

- **MEDICAL PRODUCT EVALUATION AND DEVELOPMENT**

New technology field-testing, design and development.

- **SAFETY PRODUCT EVALUATION AND DEVELOPMENT**

Research and development of safety products and systems for the community.

9. NECKSAFE®

Dr. Cohen's focus on Spinal Cord Injury (SCI) and its acute management was prompted both by the number of these injuries he saw during time on the Westpac Rescue Helicopter (in one notable weekend, 3 separate neck injuries from football) and a growing realisation that pre-hospital education in this area was sadly lacking.

As a doctor, he had received almost no specific instruction in handling a spinal injury which had just happened, and the equipment available at the time was rudimentary.

He became more involved in responses to the scene of accidents and was disappointed at the lack of consistency in ambulance officer education in these skills and the varying levels of awareness and application of spinal injury prevention principles.

In a landmark study in Victoria in 1988, Dr. Joe Toscano found that almost 25% of all admissions to a major State Spinal Unit over 18 months suffered an increase in the severity of their SCI after the initial collision, fall or incident and before arrival at a Spinal Unit.

These findings alarmed many, particularly those in the paramedical and ambulance fraternities, and spurred me to write a book specifically designed to address Secondary Prevention.....accepting that these injuries would still occur despite road safety advances and education regarding football and water sports.

In 1990 he published a "**Guidebook for the Management of Acute Spinal Injuries**" for medical and rescue personnel, as well as lecturing locally and Internationally on this topic.

The book was designed for First Responders, be they Basic Life Support (BLS: General Duties Ambulance, Red Cross, Surf Lifesavers, State Emergency Services, St. Johns Ambulance, Sports Trainers and Coaches etc) or trained in Advanced Life Support (ALS: Physicians, Paramedics, Nurses etc).

It was reprinted twice over the next 3 years.

A video education programme was made with the assistance of the NSW Rugby League called "NeckSafe®" based on the NeckSafe® Lecture Programme initiated by me to spread the Secondary Prevention message.

In association with Dr. John Yeo, one of the most respected advocates of Spinal Injury Prevention in Australia with whom he worked closely, Dr. Cohen was also involved in the development and field testing of new devices for the Acute Management of Spinal Injuries such as the Russell Extrication Device (R.E.D.) and the growing range of equipment such as scoop stretchers and head immobilisation devices.

Whilst working on a new International Surf Sports circuit, "Oceanman", he developed a new technique for the Acute Management of Spinal Injuries in the Aquatic Environment, the **NeckSafe® Aquatic Spinal Management Technique**, based on a supine "eyes upward" approach and utilising additional spinal stabilisation equipment such as semi-rigid collars, floating rescue stretchers and spinal boards.

This technique can be applied to both the surf and still water scenarios mentioned above, and in the former case is appropriate for the patient at the shoreline or in deeper water.

It is also appropriate for both conscious and unconscious patients and makes provision for the airway to be maintained at all times with safety and the patient's face to be continuously observed.

In 1999, the NSW Sporting Injuries Committee provided a \$20,000 Grant to increase the dissemination of the NeckSafe® Courses and in that year alone over 400 sports trainers, physiotherapists, lifeguards, doctors and First Responders received initial or recurrent training in this field.

As the new millennium dawned, NeckSafe® became more firmly entrenched in the minds and on the agendas of all those associated with pre-hospital care, and the NeckSafe® book was revised and reprinted with up-to-date information on the latest techniques and equipment.

In November 2000, the NeckSafe® Course was presented with a Bronze Medal in the NSW Sport Safety Awards for Outstanding Education and Promotion Project or Program in Sports Injury Prevention and Reduction.

Again, in 2001, the NeckSafe® textbook won an NSW Sport Safety Award, and the programme is poised to be adopted by the International Rugby Board throughout the sport.

NeckSafe continues to show a 50% increase in confidence and ability for first responders handling potential Spinal Injuries.

If as a result of all his efforts over the past 10 years even a single SCI can be prevented, then Dr. Cohen feels all the work will have been worthwhile.

In 2012 the training system moved to an online electronic learning environment, and the NeckSafe App was developed.

Twitter, Facebook and LinkedIn corporate sites were also launched.

NeckSafe operates as a charitable organisation registered with The Australian Charities and Not-for-Profit Commission (ACNC) with full deductible gift recipient (DGR) status.

Its mandate is raising awareness, advocacy, education and research.

10. HEADSAFE®

Dr. Cohen believes concussion in sport is an unfortunate reality, and all sports need to be aware of this issue and respond appropriately.

Today the relevance of concussion is more than apparent, with literally daily news articles from all codes and all states, not to mention international references to NFL, Rugby and World Cup Football.

As a result, the need for concussion education at all levels of the game became prominent, and HeadSafe was the result.

HeadSafe is dedicated to the prevention of head injuries using a number of unique training methods, devices and techniques.

Dr. Cohen and the doctors who developed the HeadSafe programme are experienced in dealing with head and neck issues on sporting fields and in extreme and remote locations around the globe

Sports trainers, coaches, associated staff, players and their parents are ideally placed to undertake HeadSafe training and are encouraged to add this important practical course to their own educational background. Taught by experts in the field, this course features both the theoretical information and extensive “hands-on” practice to enable the responder to safely assess and manage concussion injuries.

There is also an online training course provided for individuals covering the theoretical components of the HeadSafe programme suited for both professionals (doctors and physiotherapists) as well as non-professional responders.

Dr. Cohen also developed smartphone Apps to compliment the training courses and is a regular guest speaker, media interviewee and lecturer to organisations across the country.

In addition, research into concussion and head injuries forms a major platform of the Not for Profit organisation, along with advocacy, awareness-raising and education.

The main advocacy area of endeavour include:

- Recognition of Second Impact Syndrome and push for legislation similar to that in the US and Canada
- Past player impairment as a result of impacts during playing years, including Post-Concussion Syndrome awareness and Chronic Neurological Impairment.
- Chronic Traumatic Encephalopathy
- Concussion in Women's Sport
- A National Concussion Centre for Australia
- Creation of the Australian Sports Brain Bank and collaboration with brain banks internationally

1 1. NUROCHEK™

As a result of his head injury research, Dr. Cohen identified a glaring inadequacy in concussion assessment and management, which related to the largely subjective tests utilised in the sports medicine world.

Working with the same rugby union team he began playing for as a 7 year old, internationally known Randwick Rugby, he researched the existing technologies available worldwide, and experimented with a variety of paper-based tools, online neurocognitive tests, balance tests, skin-mounted accelerometers, GPS tracking, salivary biomarkers, MRI scanning and advanced scientific techniques including Transcranial Magnetic Stimulation (TMS).

From this work came the realisation that the brain's electrical activity presented an objective and reliable source of information that could not be biased by either subject or observer, and he developed new technology in the form of a portable Visual Evoked Potential device which could be used at the sideline or in a doctor's surgery or ER.

After receiving entry into the HCF Catalyst Slingshot medical accelerator in Australia, he was able to raise early stage investor funds to commercialize the device and formed HeadsafeIP Pty Ltd as the vehicle to take this concept forward.

Provisional and international PCT Patents were filed, logo and brand name trademarked and "**Nurochek**" was the product designed and developed to be mass-produced under an outsourced Quality Management System to the exacting ISO13485 Medical Device standard. This allows clearance by the relevant regulatory authorities, the Food and Drug Administration (FDA), CE Mark and the Therapeutic Goods Administration (TGA) and then sales into the USA, Europe, Asia and Australia,.

Nurochek is a portable headset using clinically validated technology to actually measure the brain's electrical activity and send results to a smartphone for analysis and to the cloud for secure, online (HIPAA and GDPR compliant) storage. In a 2 minute assessment it tells when a result is different from a previous baseline or normal reading, and when it has returned to it following injury. The revolutionary technology is designed to take the uncertainty, and controversy, out of brain injury assessment.

Globally there are 10 million brain injuries every year, 5 million of these in children and adolescents at an estimated cost of \$60B annually.

Applications include sports related concussion, traumatic brain injury from falls, motor vehicle accidents and the military, as well as the potential to assess other acute and chronic brain conditions such as dementia, delirium, multiple sclerosis and a variety of neurological disorders.

The headset is designed to be inexpensive, with a Software as a Service (SaaS) model producing regular recurring revenue streams and turnover into the many millions of dollars.

Nurochek was subsequently invited into the Texas Medical Centre Innovation lab, an internationally renowned incubator of medical technology, and multicentre clinical trials commenced in the USA, New Zealand and Australia. The Australian government has provided funding through the Accelerating Commercialisation program and the Research and Development Rebate scheme, as has the NSW state government.

At a personal level, Nurochek combines Dr. Cohen's expertise in head and neck injuries, his entrepreneurial zeal, management ability and passion for helping people of all ages globally.

12. PUBLICATIONS

- **"SCHIZOPHRENIA IN HOMELESS MEN"**
Aust. and NZ Journal of Psychiatry: 1985, 19:233-8
- **"A NEW SPINAL IMMOBILISATION DEVICE"**
International Medical Society of Paraplegia
Proceedings Annual Scientific Meeting: 1988
- **"THE MODERN HELICOPTER RESCUE SERVICE"**
2nd International Conference of Emergency Medicine
Proceedings: Oct. 1988
- **"THE ACUTE MANAGEMENT OF SPINAL INJURIES"**
CIG Medishield Publications: July 1989
- **"ACUTE MANAGEMENT OF SPINAL INJURIES"**
Australian Medicine: Nov 1989, 1:17
- **"A NEW DEVICE FOR THE CARE OF SPINAL INJURIES"**
Paraplegia 28 (1990)
- **"AEROMEDICAL SERVICES IN THE U.S.A."**
A Study of 15 Helicopter Programmes
Helicopter Rescue Service: 1989
- **"STUDY INTO THE TECHNIQUES, TEACHING AND APPROACH TO AEROMEDICAL RESCUE OPERATIONS IN EUROPE"**
Helicopter Rescue Service: 1992
- **"THE NECKSAFE AQUATIC SPINAL MANAGEMENT TECHNIQUE "**
Australasian Spinal Research Trust 12/2: 1998
- **"MEDICAL ASPECTS OF MULTI-SPORT ADVENTURE RACING"**
Australasian Journal of Sports Medicine, July 1999
- **"ALTITUDE ILLNESS IN ATHLETE'S COMPETING IN A MULTI-SPORT ADVENTURE RACE"**
Rescue Australia, September 1999
- **"NECKSAFE: A NEW TECHNIQUE FOR THE MANAGEMENT OF ACUTE SPINAL INJURY"**
Technical Rescue, London, 4:1999
- **"NECKSAFE: THE ACUTE MANAGEMENT OF SPINAL INJURY"**
Immediate Assistants, Sydney 2001
- **"IMMEDIATE FIRST AID"**
Immediate Assistants, Sydney 2001
- **"SURVIVOR FIRST AID"**
xLibris Inc, USA, 2003
- **"FALLING INTO LINE: EYE TESTS AND IMPACT MONITORING IN STUNT PERFORMERS"**
32nd Annual Clinical and Scientific Meeting
Adelaide, September 2016

- **“KING-DEVICK PERFORMANCE FOLLOWING MODERATE AND HIGH EXERCISE INTENSITY BOUTS”**
International Journal of Exercise Science
2017
- **“ASSESSING THE EFFICACY OF THE KING-DEVICK TEST IN AUSTRALIAN FOOTBALL”**
In press
- **“VISION TESTING IN CONCUSSION”**
ACNR MJJ Volume 16 number 5
May-Jul 2017
- **“AN INTERNET ANALYSIS OF CONCUSSION DIAGNOSIS AND MANAGEMENT IN AUSTRALIAN PROFESSIONAL SPORTING CODES”**
In press
- **IMPACT MONITORING AND KING-DEVICK OCULAR TESTING PROVIDE A PROCESS FOR OBJECTIVELY IDENTIFYING AND MANAGING CONCUSSION**
5th International Concussion Consensus Conference
Berlin 2016 <http://bjsm.bmj.com/content/51/11/A81.1>
- **USING NEUROPHYSIOLOGICAL MEASURES TO ASSESS CONCUSSION. A CASE CONTROL STUDY IN ONE PLAYER**
5th International Concussion Consensus Conference
Berlin 2016 <http://bjsm.bmj.com/content/51/11/A11.3?etoc>
- **THE EVOLVING DEFINITION OF CONCUSSION OVER TIME**
Journal of Science and Medicine in Sport 21S (2018) S77–S98
[https://www.jsams.org/article/S1440-2440\(18\)30847-8/fulltext](https://www.jsams.org/article/S1440-2440(18)30847-8/fulltext)
- **STEADY-STATE VISUAL-EVOKED POTENTIALS AS A BIOMARKER FOR CONCUSSION**
Frontiers of Neuroscience, Neurology 10 March 2020
<https://www.frontiersin.org/articles/10.3389/fnins.2020.00171/full>
- **ACSM 2020 AMERICAN COLLEGE OF SPORTS MEDICINE**
Virtual Scientific Conference June 2020
<https://virtualmeeting.ctimeetingtech.com/acsm2020/attendee/eposter/poster/2134?q=cohen>

13. CONFERENCE PRESENTATIONS

- **INTERNATIONAL MEDICAL SOCIETY OF PARAPLEGIA**
"A New Spinal Immobilisation Device"
Perth, Western Australia, 1989
- **INTERNATIONAL SOCIETY OF AEROMEDICAL SERVICES (ISAS)**
"Two Year Study into Acute Spinal Injuries"
Boston, USA, 1988
- **SECOND WORLD CONFERENCE ON EMERGENCY MEDICINE**
"The Modern Helicopter Rescue Service"
Brisbane, Queensland, 1989
- **AMERICAN SOCIETY FOR HOSPITAL BASED EMERGENCY AEROMEDICAL SERVICES (ASHBEAMS)**
"You Do WHAT in Australia!!"
Phoenix, USA, 1989
- **RESCUE '88: WORLD LIFESAVING CONFERENCE**
"Spinal Injuries in The Surf"
Surfer's Paradise, Queensland, 1988
- **AUSTRALIAN SPINAL STUDY GROUP**
"The Role of Steroids in Acute Spinal Injury"
Sydney, New South Wales, Jan & Feb 1991
- **RURAL DOCTOR'S RESOURCE NETWORK**
"Retrieval and Acute Spinal Injury"
Queanbeyan, New South Wales, March 1991
- **OUTBACK TRAUMA '91**
"Practice and Principles of Remote Area Trauma"
Ayers Rock, Northern Territory, May 1991
- **SPORTS MEDICINE AUSTRALIA WILDERNESS MEDICINE CONFERENCE**
Medical aspects of multi-sport adventure racing
Thredbo, NSW 1998
- **YOU DO WHAT FOR A LIVING??!??**
Australian College of Emergency Physicians
Sydney, NSW 1999
- **MEDICAL TRAINING FOR PROFESSIONAL LIFEGUARDS**
Australian Professional Ocean Lifeguard Association
Maroochydore, Queensland 2000
- **ADVENTURE RACING MEDICAL SERVICES**
Malaysian Emergency Medical Association
Borneo, Malaysia 2000

- **MEDICAL RISK MANAGEMENT FOR EVENTS AND VENUES**

Venue Managers Association
Homebush, NSW, 2001

- **TRAVEL MEDICINE: “SURVIVING YOUR VACATION”**

GlaxoSmithKline Satellite Media Tour
New York City, USA, 2004 and 2005

- **MEDICAL RISK MANAGEMENT FOR EVENTS AND VENUES**

Australian Resuscitation Council
NSW Branch Annual Conference, NSW, 2008

- **NECKSAFE PACIFIC: FIJI, SAMOA and TONGA**

International Rugby Board
Suva, Nadi, Apia and Nuku'alofa
April 28- May 4, 2009

- **“MEDICAL SUPPORT FOR LARGE VENUES AND EVENTS**

Venue Managers Association of Australia and NZ
Gold Coast, June 2010

- **UNITED NATIONS MISSION IN TIMOR (UNMIT)**

Aeromedical Evacuation Training
Dili, Timor Leste
October 10-23, 2010

- **IQPC SAFETY IN MINING**

Brisbane, June 2010
Perth, October 2010
Brisbane, November 2010
Brisbane, June 2011
Perth, October 2011
Brisbane, May 2012
Perth, October 2012

- **EMERGENCY RESPONSE AND RESCUE MANAGEMENT IN MINING**

Perth, July 2012

- **WORLD RUGBY MEDICAL MEETING**

London, April 2015

- **NEURO-OPHTHALMOLOGY SOCIETY OF AUSTRALIA (NOSA)**

32nd Annual Clinical and Scientific Meeting
Adelaide, SEPTEMBER 2016

- **ELECTROPHYSIOLOGICAL CHANGES IN RETIRED AUSTRALIAN RUGBY PLAYERS WITH A HISTORY OF REPEATED SPORTS CONCUSSION. A STUDY USING TRANSCRANIAL MAGNETIC STIMULATION**

12th World Brain Injury Conference
New Orleans 2017

- **ACSM 2020 AMERICAN COLLEGE OF SPORTS MEDICINE**

Virtual Scientific Conference June 2020

<https://virtualmeeting.ctimeetingtech.com/acsm2020/attendee/eposter/poster/2134?q=cohen>

14. AWARDS AND ACHIEVEMENTS

- 1984 Graduated Bachelor of Medicine, Bachelor of Surgery, 1st Class Honours
- 1987 Commenced first International retrieval operations for the SLSA Helicopter Rescue Service
- 1989 Initiated the Beachwatch Service on behalf of the NSW Environmental Protection Agency, raising over \$750,00 for the SLSA Helicopter Rescue Service
- 1989 Awarded Churchill Fellowship to study European Emergency Services
- 1990 Flight Lieutenant Royal Australian Air Force (Specialist Reserve)
- 1990 First Medical Director of the Doctors' Television Network (appointed CEO 1993)
- 1994 Designated Aviation Medical Examiner
- 1994-6 M.B.F. Health and Wellbeing Award Judge
- 1995 Senior Lecturer, Sports Medicine Australia
- 1996 Medical Adviser, Clean Up Australia
- 1996 Medical Adviser, Foxtel
- 1996 Honorary Doctor, Fijian Rugby League
- 1997 P&O Holidays Chief Medical Officer
- 1997-01 Medical Director Discovery Channel Eco-Challenge (Australia, Morocco, Argentina, Borneo, New Zealand, Fiji)
- 1997 Medical Director Mild Seven Outdoor Quest (Dali China)
- 1998 Honorary Medical Officer, Volunteer Rescue Association
- 1999-08 Medical Director "Survivor" CBS Television (Borneo, Australia, Kenya, Thailand, French Polynesia, Brasil, Panama, Fiji, Gabon, China)
- 1999 -2001 NeckSafe: NSW Sporting Injuries Commission Grant
- 2000 NeckSafe: Outstanding Education Programme NSW
- 2001-2 NeckSafe NSW Sports Safety Award
- 2007 EMST (Early Management Severe Trauma)
- 2009 ACLS (Advanced Cardiac Life Support)
- 2010 ALS (Advanced Life Support)
- 2010 UNMIT (United Nations Mission in Timor) Aeromedical Programme Director
- 2015 ASADA Level 2 Certification
- 2017 World Rugby Advanced Care Practitioner

15. CHARITY ACTIVITIES

- **Amnesty International**
- **Australian Spinal Research Trust (ASRT)**
- **Global Health Delegates (GHD)**
- **Guide Dogs for the Blind**
- **Hearts in Union Foundation**
- **International Anti-Poaching Foundation**
- **Medecin Sans Frontiers (MSF)**
- **Necksafe**
- **Spinesafe**
- **World Wildlife Foundation (WWF)**
- **World Vision**

16. PROFESSIONAL MEMBERSHIPS

- Air Medical Physicians Association (AMPA)
- American Association of Neurology (AAN)
- Association of Air Medical Services (AAMA)
- Australian Amusement, Leisure & Recreation Association (AALARA)
- Australian Resuscitation Council (ARC)
- Australian Rugby League Research, Resource and Safety Committee
- Australian Security Industry Association (ASIAL)
- Australian Sport International (ASI)
- Australian Sports Medicine Federation (ASMF)
- Aviation Medical Society of Australia and New Zealand (AvMedia)
- Emergency Care Providers Australia (ECPA)
- Emergency Care and Safety Institute (ECSI)
- Media Entertainment and Arts Alliance (MEAA)
- Royal Australian Air Force (RAAF)
- Screen Producers Association of Australia (SPAA)
- South Pacific Underwater Medical Association (SPUMS)
- Sports Medicine Australia (SMA)
- Surfing Doctors Association (SDA)
- United Medical Defence/AVANT
- Volunteer Rescue Association (VRA)
- Venue Management Association Asia and Pacific (VMA)

17. PROFESSIONAL REFERENCES

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