



Dr Leong Kwok Fai Mark

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Dr Mark Leong was honorary visiting registrar with Royal Infirmary Edinburgh and Hope Hospital Salford, UK. His fellowship training in Trauma and Disaster medicine was with Massachusetts General Hospital, Boston USA which resulted in his publication of chapter with Harvard University Press Classic Concepts in Disaster Medical Response.

He was actively involved in the disaster and emergency operations in Singapore and was formerly the Field Medical Commander of Disaster Site Medical Command (Ministry of Health). His international and regional experience in Natural disasters include leading and participating in humanitarian relief missions to India, Sri Lanka, Taiwan, and Nias Indonesia. He is on the International Board of Directors of the World Association for Disaster and Emergency Medicine.

Dr Mark Leong holds a number of academic and teaching portfolios including Senior Clinical Lecturer at the Yong Loo Lin School of Medicine of the National University of Singapore, Postgraduate Examiner Joint Final MMed (Emergency Medicine) NUS/MRCSEd/FRCS Edinburgh Examination and Program Director for Disaster Medical Response and Hazmat Medical Life Support Programs of the Society for Emergency Medicine in Singapore and Ministry of Health. He is appointed by MOH as the first Emergency Medicine Residency Programme Director for Singhealth.

EDUCATION

- 1986 Bachelor of Medicine and Bachelor of Surgery (MBBS), National University of Singapore
- 1991 Fellow of the Royal College of Surgeons of Edinburgh (FRCSED) in Accident and Emergency Medicine
- 1998 Specialist Accreditation in Emergency Medicine
- 2004 Fellow of the Academy of Medicine (FAMS), Singapore
- 2007 International Diploma in Humanitarian Assistance, Fordham University New York and CIHC

PROFESSIONAL APPOINTMENTS & COMMITTEE MEMBERSHIPS

- Head Disaster Medicine Branch, Department of Emergency Medicine, Singapore General Hospital
- Chairman, Training and Development Committee of Medical Commission of Singapore Red Cross Society
- Member SGH-Outram Emergency Planning Committee
- Member, Disaster Preparedness Committee, Singapore Red Cross
- Panel Specialist, National First Aid Council, Singapore
- Committee Member of Medical Commission of Singapore Red Cross Society
- Member, Trauma Service Committee SGH
- Committee Member, MOH Disaster Relief Training Workgroup
- Committee Member, Chapter of Emergency Physicians, Academy of Medicine Singapore
- Committee Member, APEC 09, Medical Subcommittee
- Member, National Trauma Committee, MOH
- Advisor to Disaster Medical Site Command, MOH
- Postgraduate Examiner Joint Final M Med (Emergency Medicine) NUS / MRCSEd/FRCS Edinburgh Examination
- Instructor Fundamental Critical Care Support Course
- Part time Lecturer, Health Sciences, Nanyang Polytechnic
- Co Chairman, Scientific Committee, International Conference for Emergency Medicine, 2010
- Instructor, FDM course, ITLS, ATLS

- Course Director , BPC Hazmat Medical Life Support Program
- Course Director , BPC Disaster Medical Response Program
- Committee Member, Joint Final M Med (Emergency Medicine) NUS / MRCSEd/FRCS Edinburgh Examination
- Examiner, Emergency Medicine Exit Assessment, Specialist Training Committee for A&E, Academy of Medicine Singapore
- Member, Specialist Training Committee (EM) MOH
- Member World Association for Disaster and Emergency Medicine
- Member Society for Emergency Medicine in Singapore

AWARDS

- 1991-1992 HMDP Award for Accident and Emergency Medicine and Surgery Fellowship to UK
- 1995, 2001 Service with a Heart Award and Heart of Gold Award
- 1996-1997 HMDP Award for Fellowship in Trauma and Disaster Medicine, Boston, Massachusetts, USA
- 2001 Best Clinical Teacher (Undergraduate) Award for ACSS SGH
- 2001 SAF Good Service Award
- 2003 The Courage Award for SARS Warriors
- 2004 10 yr Long Service Award SGH
- 2005 Health Care Humanity Award
- 2007 National Council of Social Service (NCSS) Long service award
- 2008 SMJ 2007 Recognition award for Reviewing with Distinction
- 2008 20 years Long Service Award

PUBLICATIONS AND RESEARCH/TRIALS

- Multi-center, randomized double-blind, parallel group, placebo controlled trial to evaluate the efficacy and safety of activated recombinant factor VII (rFVIIa/NovoSeven/NiaStase) in severely injured trauma patients with bleeding refractory to standard treatment. F7Trauma-1711.
- A Randomised, Double-Blind Multi-centre Trial Comparing Vasopressin and Adrenaline in Patients with Cardiac Arrest at the Emergency Department (Preadmission Intravenous Vasopressin, Adrenaline Outcome Trial) PIVOT study.
- Hilobed Trial
- Comparison Of Load Distributing Band And Standard Cardiopulmonary Resuscitation In Patients Presenting With Cardiac Arrest To Emergency Department." \$271,566.10 ZOLL Medical Corporation
- Tan KT, Lim LC, Leong MKF, Varghese S, Chee N. Hyponatraemia – Presentation and Outcome. Abstract 24th Singapore Malaysia Congress of Medicine, 1990
- Pattern of Use of Emergency Observation Wards - "A tale of Two Cities", 1993, (Abstract) 4th SGH Annual Scientific Meeting
- Establishing a need for Undergraduate Curriculum in Emergency Medicine, 1994, (Abstract) 5th SGH Annual Scientific Meeting
- Emergency Observation Ward in Mass Casualty Situation (Abstract in Prehospital and Disaster Medicine 1994)
- Medical Response and Preparedness for Maritime Transportation Disasters in Singapore (Abstract in Prehospital and Disaster Medicine 1995)
- The Emergency Observation Ward in Mass Casualty Situations - 1995, (Abstract) 6th SGH Annual Scientific Meeting
- Role of Paramedics in Chemical Accident Abstract published in Report Workshop on the Health Aspects of Chemical Emergencies, KL Malaysia Dec 1995
- Training of Medical Personnel in Chemical Accidents. Abstract published in Report Workshop on the Health Aspects of Chemical Emergencies, KL Malaysia Dec 1995
- Health aspects of Chemical Emergencies – Country report for Singapore. Report of Workshop on the Health Aspects of Chemical Emergencies. WHO EHC, Kuala Lumpur, Malaysia, 1995
- Classic Concepts in Disaster Medical Response – Chapter in "Humanitarian Crisis-The Medical and Public Health Response", edited by Jennifer Leanning, Susan M Briggs, and Lincoln C Chen. 1999, Harvard University Press
- Leong MKF, Lim BL, Tan BK, Noorkiah MN, Chua SN, V Anantharaman. Emergency Medical Response to Crash of SQ006 – The role of Medical Services. World Congress in Disaster and Emergency Medicine, Lyon France, May 2001 (Poster)
- Role of Singapore NGOs and Volunteers in Disaster Relief – Earthquake relief. (Abstract) First Humanitarian Relief Conference Singapore, May 2001
- E Wong, Leong MKF, Anantharaman V, Raman L, Wee KP, Chao TC. Road Traffic Accident Mortality in Singapore. Journal of Emergency Medicine, Volume 22, Issue 2, February 2002, Pages 139-146
- Fong YT, Anantharaman V, Lim SH, Leong MKF, Pokkan G. Mass CPR99 - survey results of a multi-

organisational effort in public education in CPR". Resuscitation 49(2001), 201-205

- Ponampalam R, Leong M, Lim SH. Are We Prepared to Deal with Hazardous Material Incidents? – An SGH Experience. SGH Proceedings, Vol 11. Number 4. 2002
- Leong MKF et al. Injury Related Deaths in Singapore. Hong Kong Journal of Emergency Medicine 2003. Vol 10 No 2: 88-96
- Practice Guidelines for the Management of Head Injuries, Abstract 4th SEMS ASM, Mar 2003
- Disaster Medical Response issues and lessons from civil emergency exercises in Singapore, 4th SEMS ASM, Mar 2003
- Hazardous materials (Hazmat) Medical Life Support Program in Singapore March 2005 PDM S17
- Medical Relief during the Gujarat Earthquake in India, March 2005 PDM S51
- Disaster Medical Response - Issues and Lessons from Civil Emergency Exercises in Singapore, March 2005 Prehospital and Disaster Medicine Journal
- Singapore General Hospital's Semi-Automated Hospital Decontamination Station. Ann Emerg Med 2007. 50(3):S14
- Ngo A, Ponampalam R, Leong M K F, Lim S H. Chlorine and its Impact on an Emergency Department PDM 2007 Vol. 22(2):136-139
- Leong MKF. Evidence-Based Medical Response to Mass Casualty Events at Airports. J Aviation Management 2008: 55-64