

Biography of Professor Colin A GRAHAM

1. General Information

Professor Colin A Graham

- Director & Professor of Emergency Medicine, Accident and Emergency Medicine Academic Unit, Department of Surgery
- Professor (by courtesy), The Jockey Club School of Public Health and Primary Care
- Dean of Students, Morningside College



Contact Information

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Expertise

- Emergency Medicine
- Major Trauma and Trauma Outcomes
- Critical Care in the Emergency Department
- Sepsis Care
- Emergency Cardiovascular Care
- Acute Stroke Care

Education

MB ChB MPH MD (Glasgow) FRCPEd FRCSEd FRCSGlasg FIMCRCSEd FRCEM FHKCEM FHKAM(EM) FCCP FESEM(Hon) FIFEM

Research Interests

- Emergency Medicine
- Major Trauma and Trauma Outcomes
- Critical Care in the Emergency Department
- Sepsis Care
- Emergency Cardiovascular Care
- Acute Stroke Care

Awards and Honours

- Fellow, American College of Chest Physicians, 2009
- Fellow, Royal College of Physicians of Edinburgh, 2010
- International Emergency Medicine Development Award, American College of Emergency Physicians, 2013
- Fellow, International Federation for Emergency Medicine, 2020
- Honorary Fellow, European Society for Emergency Medicine, 2019

2. Commitments:

Professional Service:

- Honorary Consultant in Emergency Medicine, Prince of Wales Hospital, Hong Kong (since 2008)
- Councillor, Hong Kong College of Emergency Medicine (2013-2019, and 2020 to present)
- Adjunct Professor of Emergency Medicine, University of Southern Denmark (since 2016)
- Editor-in-Chief, European Journal of Emergency Medicine (2009-2019)
- Editorial Board member of multiple emergency medicine journals and peer reviewer for more than 30 medical journals

Academic Engagement in CUHK:

- Programme Director, PgDip and MSc in Prehospital and Emergency Care, CUHK
- GPS Mentor, Faculty of Medicine
- Senior Management Group, Morningside College
- Chair, Admissions and Financial Aid Committee, Morningside College
- Member, Senate Committee on University Scholarships

Publications: (10 selected papers)

1. Hung KKC, Leung LY, Yeung JHH, Wong TK, Yiu TY, Leung YK, Chan LPS, Wong JKS, Leung MPS, Goggins WB, Chan DYC, Lui CT, Ng WK, Ho HF, Cheng CH, Cheung NK, **Graham CA**. Return to work after injury in Hong Kong: prospective multi-center cohort study. *European Journal of Trauma and Emergency Surgery* 2022;48:3287-3298. doi: 10.1007/s00068-022-01899-x.
2. Hung KKC, Walline JH, Chan EYY, Huang Z, Lo ESK, Yeoh EK, **Graham CA**. Health service utilization in Hong Kong during the COVID-19 pandemic – a cross-sectional public survey. *International Journal of Health Policy and Management* 2022;11:508-513. doi: 10.34172/ijhpm.2020.183.
3. Hung KCK, Lai CY, Yeung JHH, Maegele M, Chan PSL, Leung M, Wong HT, Wong JKS, Leung LY, Chong M, Cheng CH, Cheung NK, **Graham CA**. RISC II is superior to TRISS in predicting 30-day mortality in blunt major trauma patients in Hong Kong. *European Journal of Trauma and Emergency Surgery* 2022;48:1093-1100. doi: 10.1007/s00068-021-01667-3. Epub 2021 Apr 26. PMID: 33900416.
4. Lai CY, Maegele M, Yeung JHH, Lefering R, Hung KCK, Chan PSL, Leung M, Wong JKS, **Graham CA**, Cheng CH, Cheung NK. Major Trauma Care in Hong Kong and Germany: a trauma registry data benchmark study. *European Journal of Trauma and Emergency Surgery* 2021;47:1581-1590. doi: 10.1007/s00068-020-01311-6. PMID: 32128612.
5. Kelly AM, Kuan WS, Chu KH, Kinnear FB, Keijzers G, Karamercan MA, Klim S, Wijeratne T, Kamona S, **Graham CA**, Body R, Roberts T, Horner D, Laribi S; and the HEAD Study Group. Epidemiology, investigation, management, and outcome of headache in emergency departments (HEAD study) - a multinational observational study. *Headache* 2021;61:1539-1552. doi: 10.1111/head.14230. PMID: 34726783.
6. Chan EW, Lao KSJ, Lam L, Tsui SH, Lui CT, Wong CP, **Graham CA**, Cheng CH, Chung TS, Lam HF, Ting SM, Knott JC, Taylor DM, Kong DCM, Leung LP, Wong ICK. Intramuscular midazolam, olanzapine, or haloperidol for the management of acute agitation: A multi-centre, double-blind, randomised clinical trial. *EClinicalMedicine* 2021;32:100751. doi:10.1016/j.eclinm.2021.100751.
7. **Graham CA**, Leung LY, Lo RSL, Yeung CY, Chan SY, Hung KKC. NEWS and qSIRS superior to qSOFA in the prediction of 30-day mortality in emergency department patients in Hong Kong. *Annals of Medicine* 2020;52:403-412. <https://doi.org/10.1080/07853890.2020.1782462>.
8. Kuo YH, Chan NB, Leung JMY, Meng H, So AMC, Tsoi KKF, **Graham CA**. An integrated approach of machine learning and systems-thinking for waiting time prediction in an emergency department. *International Journal of Medical Informatics* 2020;139:104143. <https://doi.org/10.1016/j.ijmedinf.2020.104143>.
9. **Graham CA**, Leung LY, Lo RSL, Lee KH, Yeung CY, Chan SY, Cattermole GN, Hung KKC. Agreement between capillary and venous lactate in emergency department patients: prospective observational study. *BMJ Open* 2019;9(4):e026109. doi: 10.1136/bmjopen-2018-026109.
10. Kelly AM, Keijzers G, Klim S, **Graham CA**, Craig S, Kuan WS, Jones P, Holdgate A, Lawoko C, Laribi S; AANZDEM Study Group. An Observational Study of Dyspnoea in Emergency Departments: The Asia, Australia, and New Zealand Dyspnoea in Emergency Departments Study (AANZDEM). *Academic Emergency Medicine* 2017;24:328-336.

Summary

Professor Colin Graham serves as Director and Professor of Emergency Medicine at the Chinese University of Hong Kong. He qualified from the University of Glasgow in 1994 and completed his training in surgery and emergency medicine in Scotland. He completed his MPH in 2002 and his MD by research in 2007, both from Glasgow.

He came to Hong Kong in 2004 where he combines clinical practice in emergency medicine with clinical teaching and he leads an active research programme in emergency care. He serves as an Honorary Consultant in Emergency Medicine at the Prince of Wales Hospital. He is Programme Director of the MSc in Prehospital and Emergency Care at CUHK, with more than 200 students graduating since 2005.

He has broad research interests including major trauma, outcomes, sepsis and critical care. He has served as Editor-in-Chief of the European Journal of Emergency Medicine (2009-2019) and as Council Member of the European Society for Emergency Medicine (2009-2019). He is an elected Member of the Council of the Hong Kong College of Emergency Medicine (2013-2019 and 2020 to now).

He has published widely, including co-authoring two editions of the popular Oxford Handbook of Emergency Medicine (>200 000 copies sold worldwide). He has published more than 400 articles in the peer-reviewed literature and more than 20 book chapters. He has given over 150 invited presentations worldwide. He reviews for more than 30 journals and has served on the editorial boards of many emergency medicine journals globally.

Professor Graham has been recognised for his significant contributions to Emergency Medicine globally. He was awarded the Honorary Fellowship of the European Society for Emergency Medicine in 2019 and the Fellowship of the International Federation for Emergency Medicine in 2020. He has served as an external examiner to many universities for clinical and research based Master and Doctoral degrees, including MD and PhD.

Professor Graham has been involved with Morningside College since its inception and he is a Founding Fellow of the College. He has served as Dean of Students at Morningside College since 2016 and is a member of the Senior Management Group. He has mentored hundreds of Morningside and medical students since 2004. He chairs the Admissions and Financial Aid Committee at Morningside (since 2016) and has served on the Planning Committee (2008-2010), Nominations Committee (Chair, 2013-2016), and College Life Committee (since 2010). He has also represented Morningside on the Senate Committee on University Scholarships and the University Committee on Student Affairs since 2016.