

Dr Mohammed H. Elwan, Kettering, United Kingdom

Consultant in Emergency Medicine, University Hospitals of Northamptonshire, UK; ED Research and Innovation Lead, Kettering General Hospital, UK; Honorary Senior Lecturer, University of Leicester, UK.

Full Member: 11th December 2025 onwards; representing United Kingdom

Main Qualifications: MBBCh, Alexandria University, Egypt; PhD, Alexandria University, Egypt (in collaboration with the University of Leicester, UK); Fellow of the Royal College of Emergency Medicine, UK.

Scientific Focus:

- Diagnostic biomarkers and point-of-care testing in acute and undifferentiated illness
- Haemodynamic assessment and perfusion-guided management in sepsis
- AI-enabled clinical decision support and risk stratification in Emergency Medicine
- Multicentre clinical trials and translational emergency medicine research
- Implementation science and embedding research delivery in acute care systems

Three publications representing the focus of actual research and interest:

1. **From subtle breaks to missed diagnoses: Real-world evaluation of an artificial intelligence fracture detection tool.**
Al Hajaj SW, Soliman K, Zafar M, Graham C, Al Hajaj D, Elshafie O, Alsswah A, Elwan MH. *World J Orthop.* 2026. In press.
2. **Can passive leg raise predict the response to fluid resuscitation in ED?**
Elwan MH, Roshdy A, Elsharkawy EM, Eltahan SM, Coats TJ. *BMC Emerg Med.* 2022 Oct 26;22(1):172.
3. **Fluid therapy in the emergency department: an expert practice review.**
Harris T, Coats TJ, Elwan MH. *Emerg Med J.* 2018;35:511-515.

