

# Ewen Harrison

Ewen Harrison is Professor of Surgery and Data Science at the University of Edinburgh and a Consultant HPB and Transplant Surgeon at the Royal Infirmary of Edinburgh.

He leads the Surgical Informatics group, performing data-driven research focused on improving patient outcomes after surgery. Interests include crowd-sourcing patient-level data; surgical trials, particularly in low resource settings; mobile data collection platforms and “wearables”; automated data processing and display; natural language processing/sentiment analysis; decision modelling; Bayesian statistics; administrative data analysis; and patient reported outcomes.

He leads the NIHR Unit on Global Surgery at the University of Edinburgh, a collaboration with the Universities of Birmingham and Warwick. This provides a platform for the GlobalSurg Collaborative ([globalsurg.org](http://globalsurg.org)), an international collaboration of 5000 individuals in 420 centres across 102 countries studying outcomes in general surgery and quality improvement.

He has an MSc in Statistics and is an Editor for HPB. His work is funded by the NIHR, Wellcome Trust, MRC and Academy of Medical Sciences. He has given the British Journal of Surgery Lecture 2017 at the 12th Annual Academic Surgical Congress, the Honyman Gillespie Lecture 2016, and the Macewan Lecture 2016 at the Association of Surgeons of Great Britain and Ireland. He has recently completed a James IV Travelling Fellowship UK and Davies Travelling Fellowship in Sub-Saharan Africa and North America.

He is the Programme Director for the Masters in Surgery degree at the University of Edinburgh – a distance-learning qualification which allows surgeons to train while continuing to work in their home country.