

## BIOGRAPHY

### **Martin Elliott MB BS, MD, FRCS, FRSA**

**Martin Elliott** is Professor of Paediatric Cardiothoracic Surgery at University College London, Professor of Physic at Gresham College, London, and until July 2015 was Medical Director at The Great Ormond Street Hospital for Children NHS Trust (GOSH) where he has worked as a paediatric cardiothoracic surgeon since 1984. Recently, he has been appointed clinical ambassador to the Great Ormond Street Children's Charity and elected as a Fellow of the Royal Society of the Arts in recognition of his achievements in surgery and across disciplines. He recently joined Allocate Software Ltd as Chief Medical Officer.

He has achieved success in several domains; as an internationally renowned surgeon; as an academic; as a hospital administrator at Board level; and as a teacher, both within surgery and across other industries.

He is in great demand internationally as a speaker; for plenary academic events, to corporations and their staff and 'after dinner'. Reviews frequently describe his lectures as 'inspirational', 'brilliant', 'moving' and 'highly motivating'.

His research career started with an attempt to understand the effects of CPB on intermediary metabolism, and to make surgery safer for diabetics. After further research on the pathophysiology of CPB in children, particularly in relation to accumulation of total body water, he developed modified ultrafiltration, still widely used throughout the world.

Obsessed by the need for transparency in outcomes, he started the European Congenital Heart Defects Database for outcomes analysis (now the EACTS database) and led the Quality and Safety Team at GOSH for many years. He currently leads work on clinical outcomes and benchmarking. Committed also to teamwork in healthcare, he has become fascinated by how hospital care might need to be delivered in the coming years. Clinically, he helped set up paediatric heart and lung transplantation and ECMO at GOSH. He established and leads the National Service for Severe Tracheal Disease in Children at GOSH. The Tracheal Service at GOS is the largest in World, and the Team has pioneered a number of innovative techniques, including slide tracheoplasty, tracheal homograft patch transplantation, the development of absorbable stents and, most recently, the world's first stem cell supported tracheal transplantation in a child.

He has held several international visiting professorships, has over 280 peer-reviewed publications to his name, and has delivered >350 invited lectures, worldwide, including many named lectures. He was the 2015 Hunterian Orator at the Royal College of Surgeons of England. He operates and teaches throughout the world, including to the English Cabinet Office leadership program, the Whitehall Industry Group, the Ministry of Defence and directly to No10 staff. He has worked with several other industries, including Formula 1, the airline industry, the banking sector and various IT companies to develop cross-industry learning. He has advised hospitals and health systems in the USA, Europe and Australia.

Through both his charity and clinical work, he has considerable media experience. His popular series of public Gresham College Lectures is available to see and download at <http://www.gresham.ac.uk/gresham-professor-of-physic>.

[martin.elliott@gosh.nhs.uk](mailto:martin.elliott@gosh.nhs.uk)

[www.martinelliott.me](http://www.martinelliott.me)

@profmjelliott