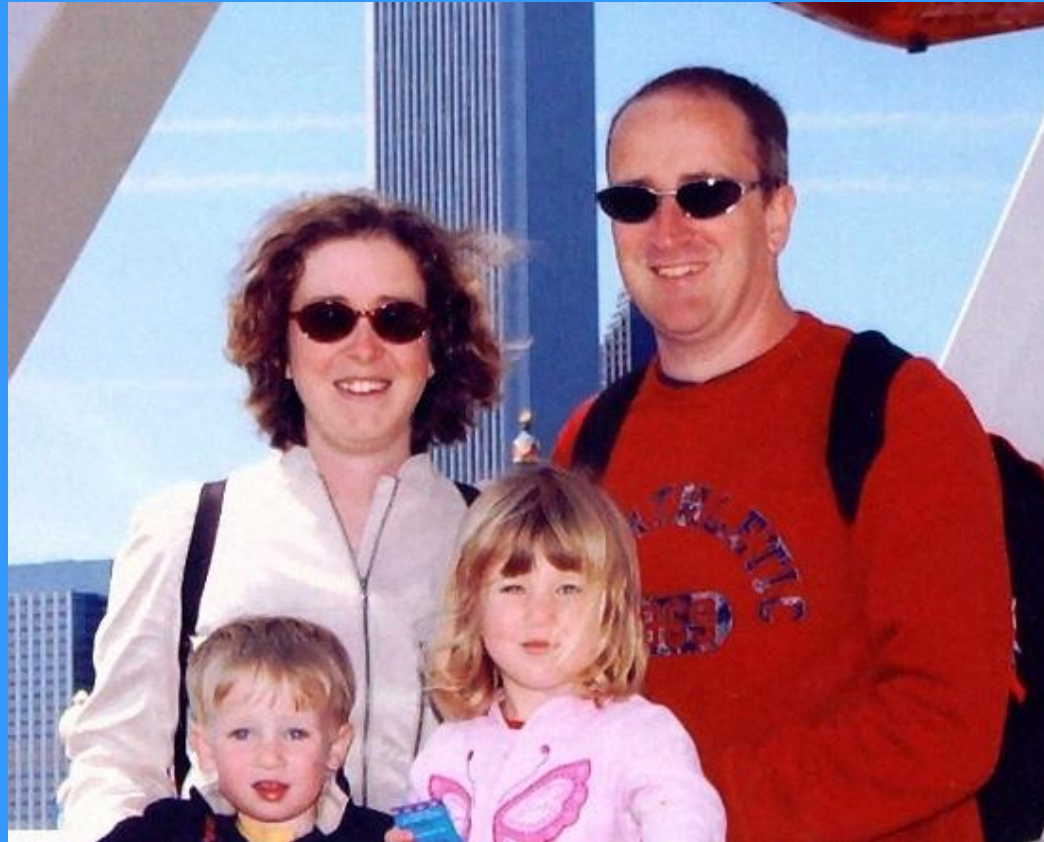


# Understanding human factors.....

Martin Bromiley

**chfg** clinical human factors group







- Investigation
- Frontline understanding of “HF” and non-technical skills (knowledge, examination, simulation, assessment)
- Safe process v “productivity targets”

# “Systems” and approaches

- Mental rehearsal/simulation
- Briefings
- Checklists
- Time out and “speaking up”
- Double checking

# Standard Operating Procedures

“The way we do business around here”

Or “what I do even though no one is looking”

# Clinical Human Factors Group

[www.chfg.org](http://www.chfg.org)

**We are independent, impartial, and work in a voluntary capacity...**

Our vision is to engender human factors thinking in the hearts and minds of all healthcare staff and stakeholders. From board to ward and beyond...

**chfg** clinical human factors group



# Clinical Human Factors Group

[www.chfg.org](http://www.chfg.org)

- **Prof Jim Reason** – Emeritus Professor, Psychologist, University of Manchester
- **Dr Jane Carthey** – HF and Patient Safety Specialist
- **Prof Helen Muir** – Professor of Aerospace Psychology, Head of Department of Human Factors, Cranfield University
- **Prof Rhona Flin** – Professor of Psychology, Industrial Psychology Research Centre, University of Aberdeen
- **Prof Tony Giddings** – Retired Consultant Surgeon and former member of the Council of the Royal College of Surgeons of England
- **Jane Reid** – Chair, Association of Perioperative Practice
- **Chris Sadler** – Consultant Anaesthetist & Director of Barts and The London Medical Simulation Centre
- **Nikki Maran** – Consultant Anaesthetist, Scottish Clinical Simulation Centre
- **Murray Devine** – Head of Patient Safety Policy, Dept of Health
- **Maggie Kemmner**, Healthcare Commission/Care Quality Commission
- **Linda Watterson** – Royal College of Nursing
- **Allan Goldman** – Consultant Intensivist, GOSH
- **Stephen Ramsden** – Chief Executive L&D NHS Trust
- **Dr Beverley Norris/Melinda Lyons** – HF Specialist representing the NPSA
- **Hugh Rogers** – representing the NHS Institute
- **Gill Hastings** – Assistant Director, Health Foundation
- **Andy Newton** – Clinical Director, South East Coast Ambulance Service Trust

In aviation 75% of accidents are caused  
by human factors...

...what's the figure in healthcare?





- Consultant Anaesthetist
- Consultant Anaesthetist
- ENT Surgeon
- Senior ODP
- ODP
- Recovery Nurse
- Recovery Nurse



# Thank you.....

- [www.chfg.org](http://www.chfg.org)
- Copies of a DVD covering human factors in healthcare (based on this presentation) can be obtained free of charge from [hugh.rogers@institute.nhs.uk](mailto:hugh.rogers@institute.nhs.uk)

