

“What we tried to achieve with VR in simulation-based education at Homerton?”

Sini John/ Dr Tom Ngan

Simulation team

Homerton Health care



Hi-F.I.V.E

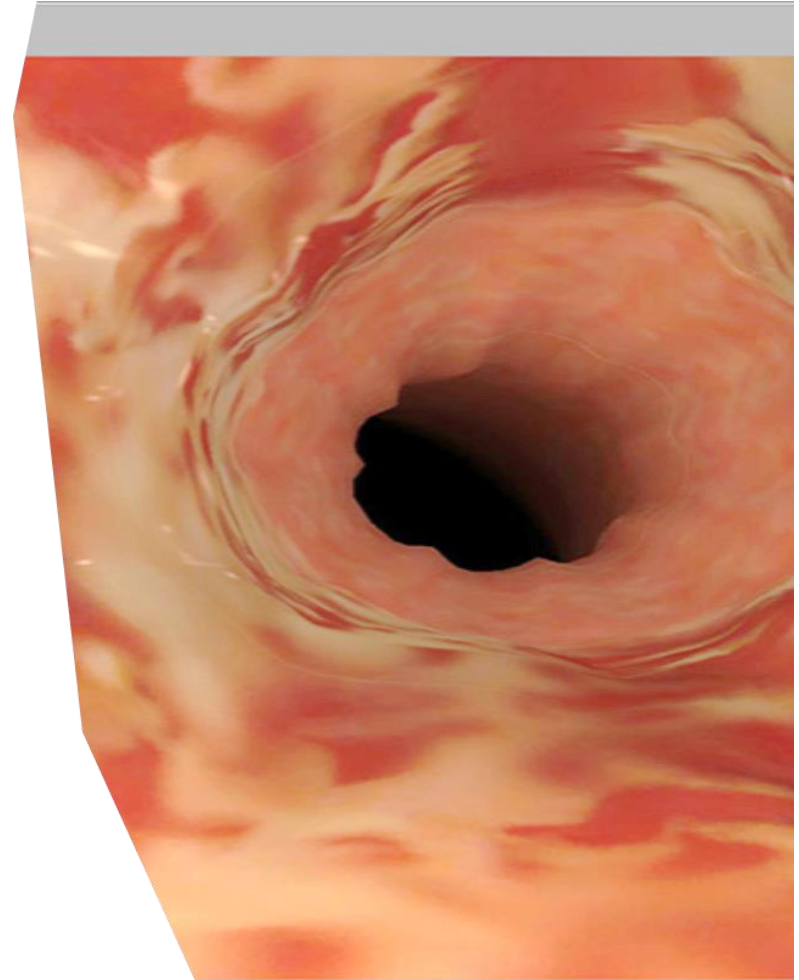
Human Factors

In

Virtual Endoscopy

GI MENTOR

Our VR simulator



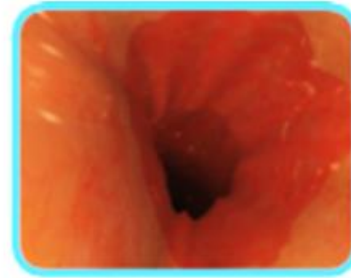
Available Modules



GI endoscopy
Fundamental Skills



Cyberscopy



Upper GI Endoscopy



Emergency Gastric
Bleeding



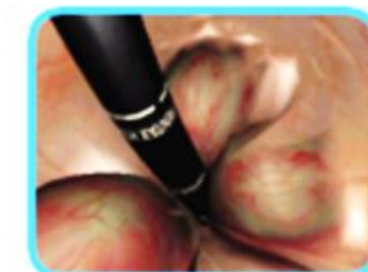
Lower GI Endoscopy



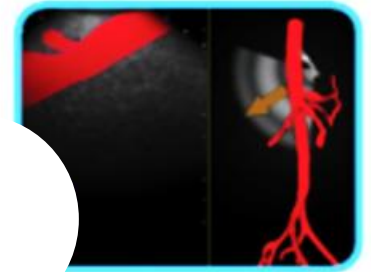
EMR/ESD



ERCP



Flexible
sigmoidoscopy



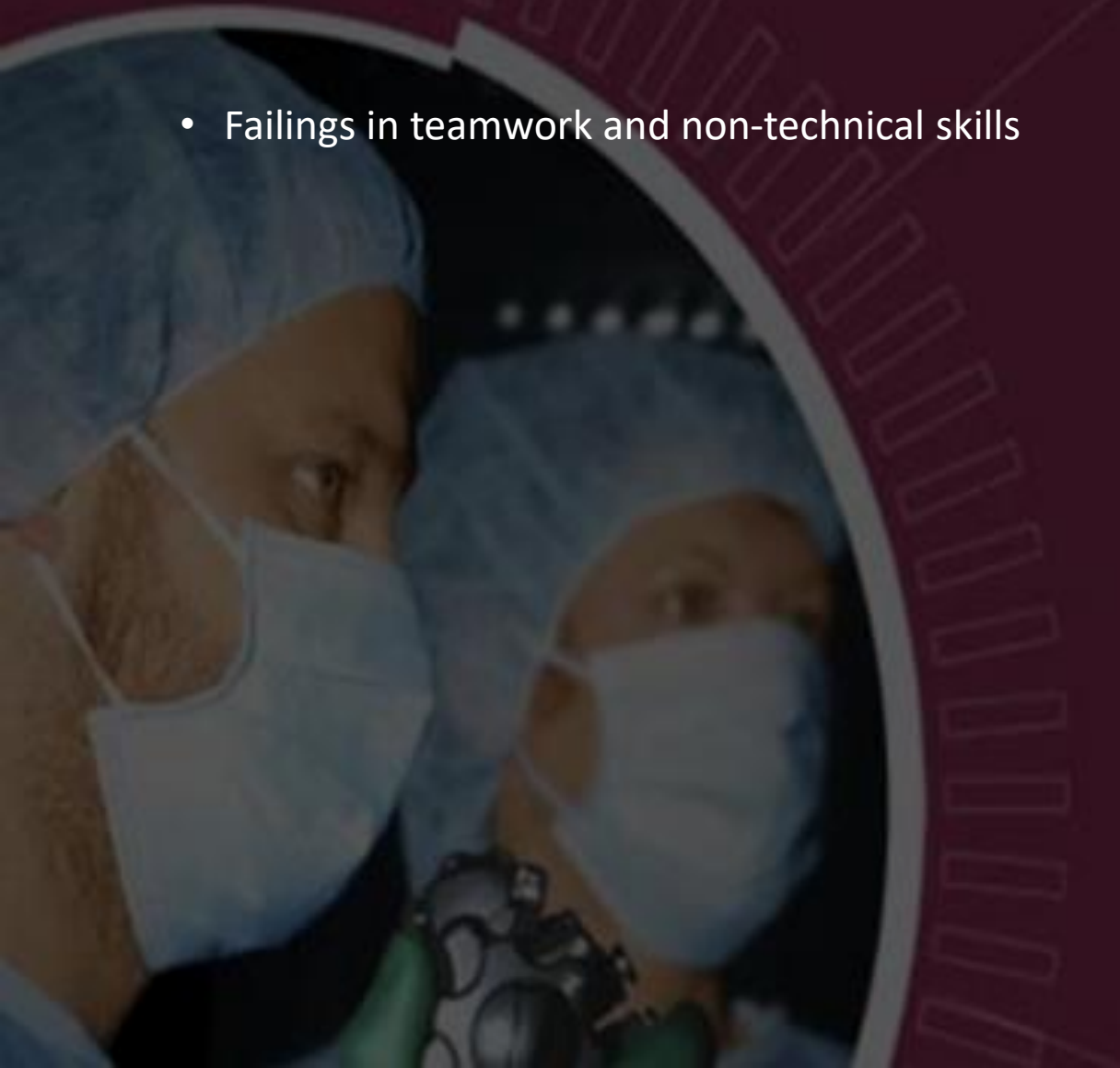
EUS

NCEPOD report 2004

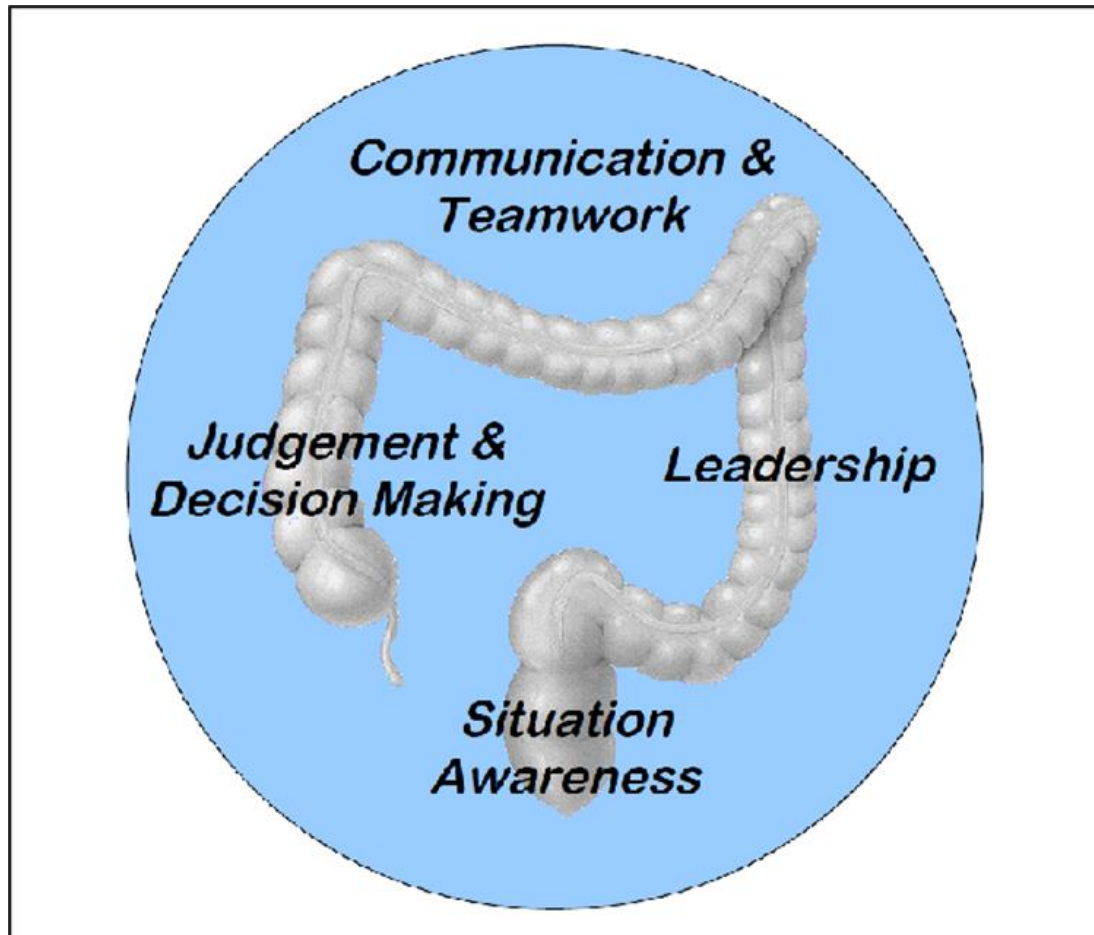
- Failings in teamwork and non-technical skills

Scoping our practice

The 2004 Report of the National
Confidential Enquiry into Patient
Outcome and Death



Endoscopy Non-technical skills (ENTs)



**HUMAN FACTORS IN VIRTUAL
ENDOSCOPY**
- Hi-F.I.V.E. Course



Full immersion 1-day simulation course for doctors & nurses focusing on interprofessional working & patient safety in the Endoscopy Unit

On 8th February and 30th March 2023

Funded by HEE

Please apply to : huh-tr.simulation@nhs.net

What is HiFIVE simulation course?

One day course

Multidisciplinary

Focuses on range of human factors, mapped to the endoscopic non-technical skills (ENTS) framework

First course in 2012

It's a national recommended course for Gastro trainees

An endoscopy suite

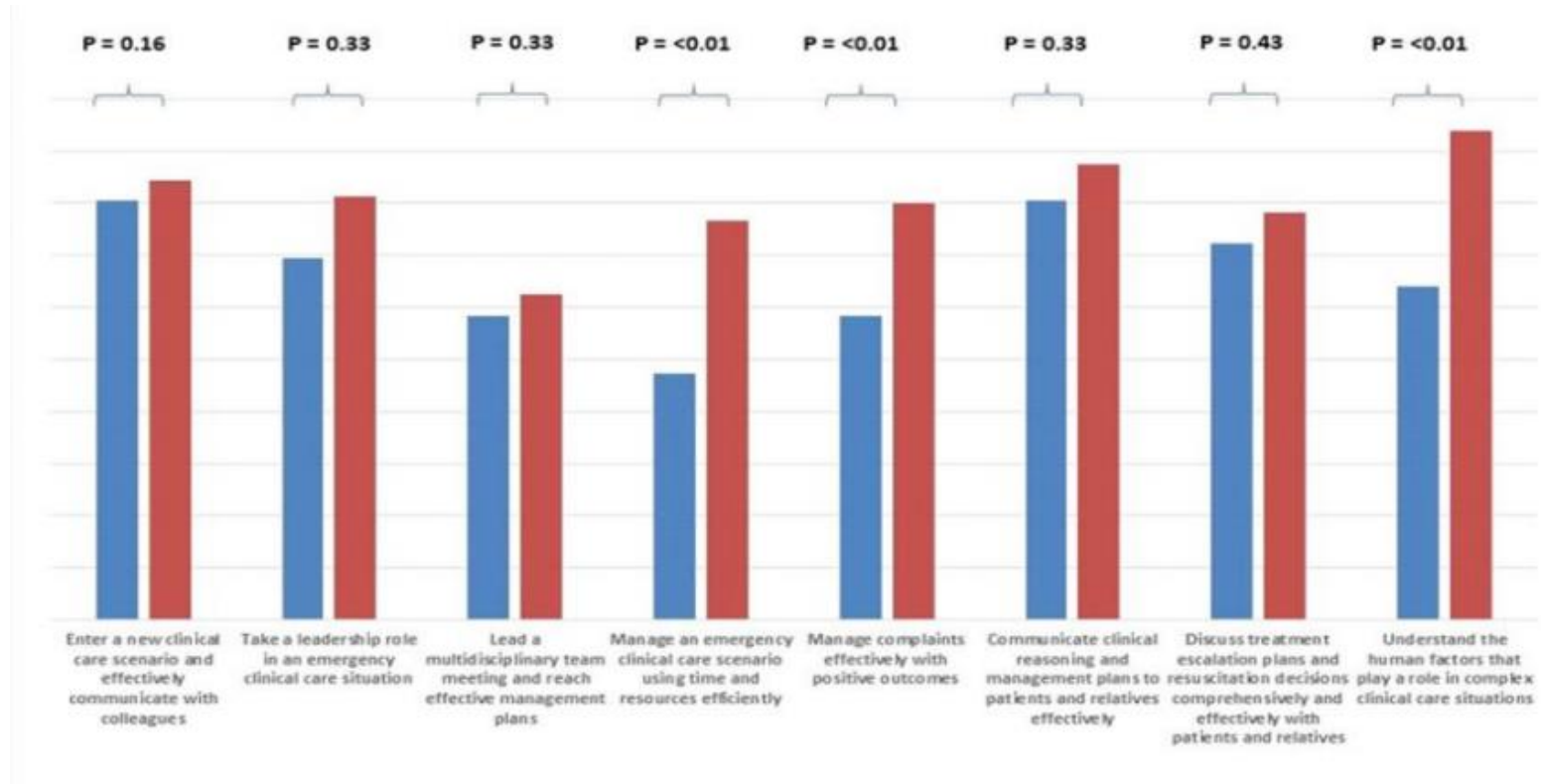


Snippet from the HiFIVE course





Feedback



Menabawey TE, Dimmock V, Gadock R, et al/PTH-133 Five years of HIFIVE (human factors in virtual endoscopy): an endoscopic non-technical skills simulation programme *Gut* 2018;67:A272.



Sustainability and Next Steps



HiFIVE course for clinical endoscopists



Nurse only HiFIVE course



Train the trainer opportunities for both courses



Use similar format for surgical courses...?