

Transforming patient experience through technology



Shorter
hospital stays
for patients





Partners involved in project
NHS Highland
Highland and Islands Enterprise
Scottish Government
Digital Health & Care Institute

A **‘smart’** pill has been revolutionising the treatment of bowel disorders, in a pilot programme in the Highlands. NSS staff have been working to further the progress of the programme, providing expertise in a number of different areas and working in partnership with health boards and other organisations.

The colon capsule endoscopy (CCE) is used to investigate bowel problems in patients. The capsule camera is swallowed by the patient and the images are then reviewed. This type of investigation is more **convenient for patients**, as it eliminates the need for more invasive procedures such as a traditional colonoscopy.

The success of the pill has now led to programmes which will further evaluate the colon capsule technology to determine whether it can become routinely available across the country.

David (pictured) became seriously unwell and was airlifted off his oil rig in the North Sea with unexplained internal bleeding. He underwent a procedure using similar technology to the CCE, which ultimately **helped save his life** and get David home to his wife and two young daughters.

“ **The camera identified where blood started to appear in my bowel. This gave the surgeons a starting point to perform my surgery, minimising my time in theatre.** ”

Interested in finding out more? Contact nss.communications@nhs.net

