



Our Vision

To provide every patient
with the care we want
for those we love the most

Norfolk and Norwich University Hospitals



NHS Foundation Trust

ERCP Service & Therapeutic Endoscopy

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Endoscopy numbers in NNUH

- Total Endoscopy procedures – 28000
- ERCP – 560
- EUS – 321
- EMR > 500 cases
- Oesophageal stent– 154
- Duodenal stent – 26
- Colonic stent – 18

Endoscopy annual numbers NNUH

- Total Endoscopy procedures – 28000
- ERCP – 560 **JPUH approx 250 – 2 lists/52**
- EUS – 321 **JPUH no EUS**
- EMR > 500 cases **JPUH was >150**
- Oesophageal stent– 154 **JPUH approx 50**
- Duodenal stent – 26
- Colonic stent – 18



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New Procedures at NNUH

- Cholangioscopy since November 2016
- 120 Cholangioscopy cases performed so far
- 82% ductal clearance for refractory stones.
Remaining patients waiting for a 2nd attempt.
- EUS guided cystgastrostomy using Hot AXIOS stent from 2016
- EUS guided biliary drainage (Currently in process of writing New procedure guidelines)
- EUS guided GB drainage if percutaneous or surgical approach not feasible



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Spyglass™ single operator cholangioscope (SOC)



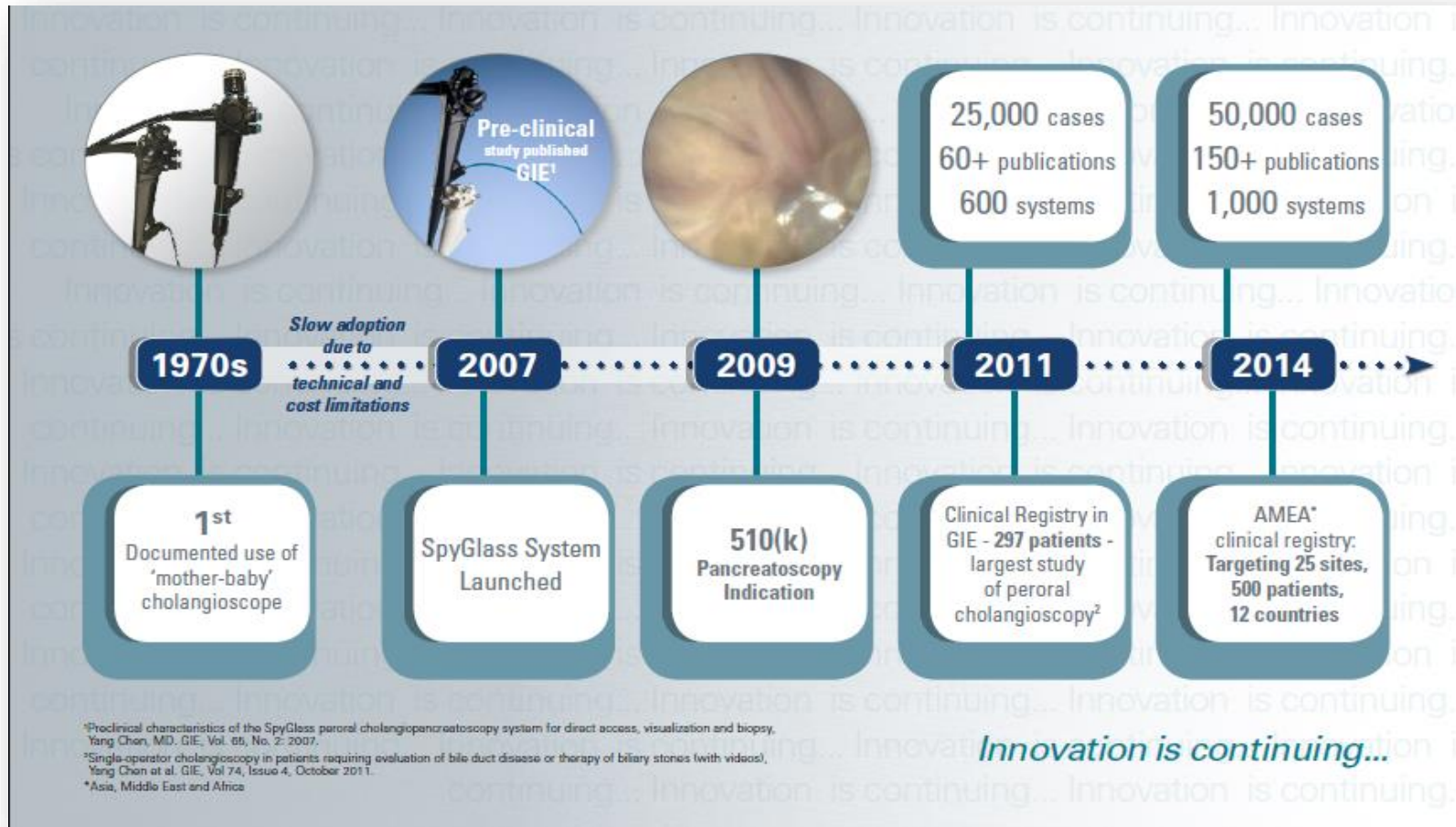
- 10F SpyScope
- 1.2mm working channel
- 4 way steering
- 0.77mm reusable optical probe
- 6000 pixel fibre-optic



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Background





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Indications

- Evaluating Indeterminate strictures
- Diagnosis & staging of bile duct cancer if CT/MRCP staging inadequate
- Removing large stones
- Finding cause of recurrent bile duct stones
- Selective stenting of intrahepatic ducts



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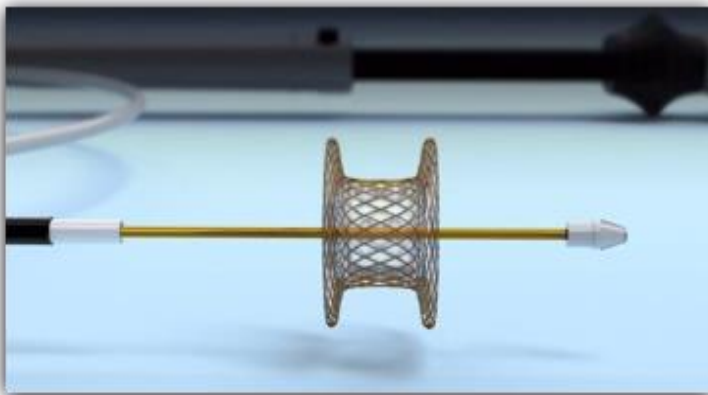
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Hot AXIOS Stent/LAMS (Lumen apposing metal stents)

- Hot Axios Stent and Delivery System are indicated for use to facilitate transgastric or transduodenal endoscopic drainage of a pancreatic pseudocyst or the biliary tract.





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Changes and Challenges

- Two endoscopists from JPUH to NNUH
- How to maintain services?
- How to ensure patients get optimal care?
- Desire to keep services local
- Opportunities



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Endoscopy Unit at NNUH – Quadrum Institute



- 10 room endoscopy unit
- State-of-the-art facilities.
- Partnership with Quadrum Institute Bioscience and UEA.
- 3 x further therapeutic endoscopy rooms inside the Hospital



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Opportunities

- 3 rooms at NNUH – inpatient and high risk outpatient endoscopies
- Screening room
- GA endoscopies
- Recovery space



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Future Service at NNUH

- Access to EUS and Spyglass
- EUS guided Biliary drainage
- Intraoperative ERCP for failed LBDE
- EUS guided choledochoduodenostomy and EUS guided GB drainage if clinically indicated where Percutaneous approach was deemed not safe.



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The Future?

- 5 to 6 to 7 day ERCP and Stenting service
- STP/System wide referral system
- STP/System wide radiological review
- Same day transfer, treat, recover & return
- Aim for enhanced patient service
- ?wider system partners for 7 day service



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ERCP network

- Gareth Corbett