

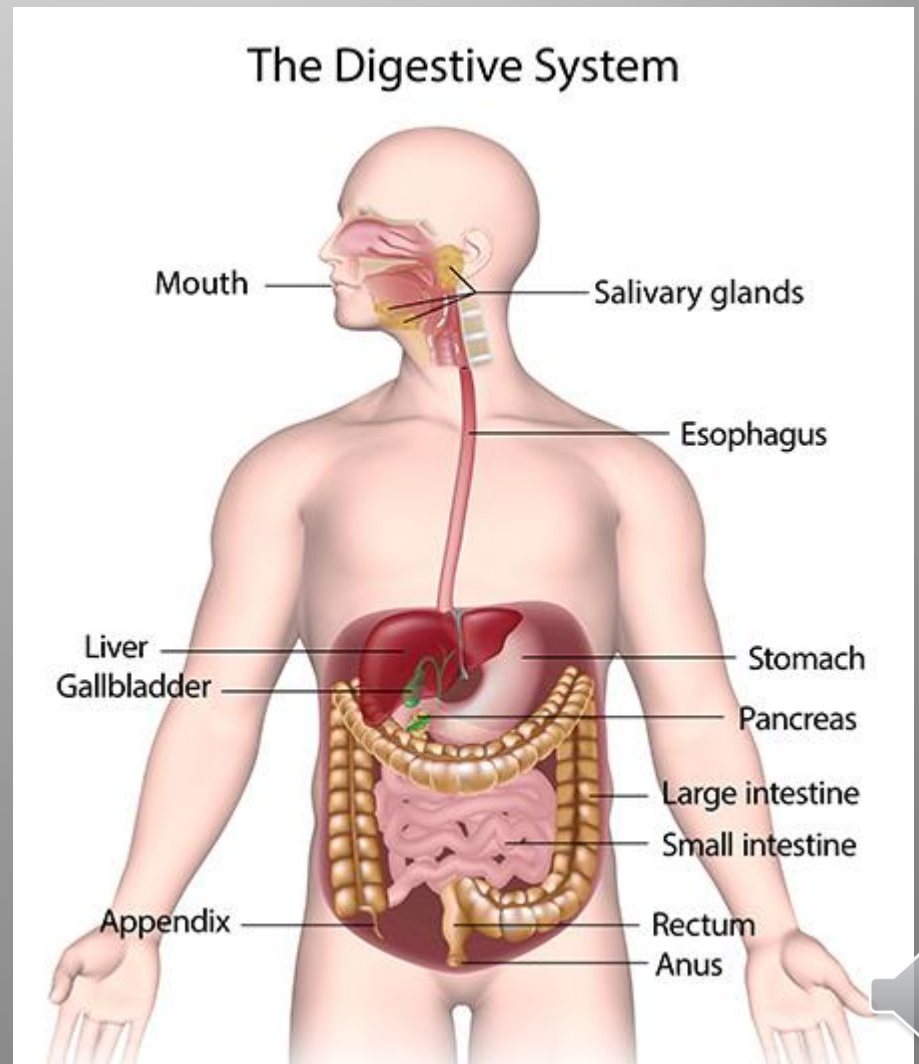
STP in GI Physiology

Dr Emma Bowers
Deputy Training Coordinator for the
Northern Training Consortium



Structure

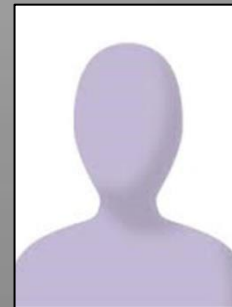
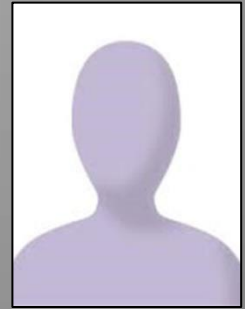
- Clinical Service
 - Staffing
 - Services
- University Course
- Rotations
- Specialism





Clinical Service - Staff

- Service Lead
 - Dr Helen Parker (AGIP registered)
- Full time Clinical Scientists
 - Catherine Sykes (Completed STP)
 - Newly appointed (Completed STP)
- Part time Clinical Scientists
 - Adrian Davidson
 - Dr EMma Bowers

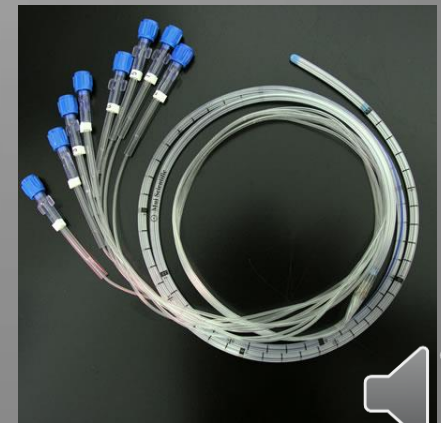
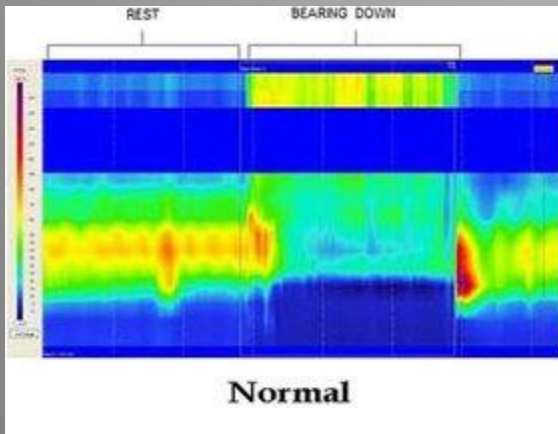


- Breath Tests – Non invasive
- Patient expired air is analysed:
 - Lactulose Hydrogen / Methane Breath Test
 - to detect small bowel bacterial overgrowth in patients with diabetes who have poor blood sugar control
 - Glucose Hydrogen / Methane Breath Test
 - to detect small bowel bacterial overgrowth in non-diabetic patients
 - Lactose Hydrogen / Methane Breath Test
 - to detect lactose malabsorption
 - Fructose Hydrogen / Methane Breath Test
 - to detect fructose malabsorption.

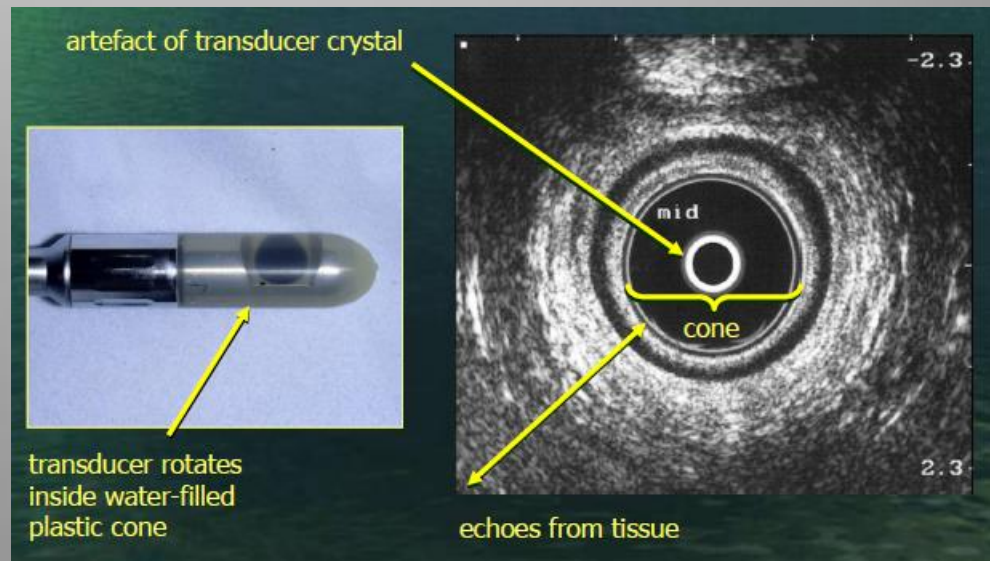


Clinical Services

- High resolution anorectal manometry



- Endoanal Ultrasound



Clinical Services

- Oesophageal Impedance and pH
 - Gastro Oesophageal Reflux Disease (GORD/GERD)
 - Non-erosive reflux disease (NERD)
 - Heartburn



University Course

- Run by Newcastle University



- 1st year module lead – Catherine Sykes
- 2nd & 3rd year module lead – Elisa Skinner
- Blended learning
- Coursework – designed to fulfil competencies



Rotations

- GI physiology
 - Main rotation
 - Service Development
 - Equipment commissioning
 - Clinic Support – Breath Tests
- Urodynamics
 - Flows
 - Bladder pressures



Rotations

- Respiratory Science
 - Lung function service
 - Flows
 - Volume
- Clinical Assessment
 - Design around your specialism
 - Radiology
 - Lab sciences
 - Genetic service



Specialism

- Supernumerary
 - Understand Clinical Services
 - Best way is to do and support
- Work within a Quality Management System environment
- Opportunity to complete additional service development projects
- Opportunity to complete audits
- Alongside workplace Master's project



Summary

- Looking for:
 - Someone patient centred
 - Empathetic
 - Curious
 - Why? Why? Why?

