



BAPEN NG Special Interest Group

Mia Small

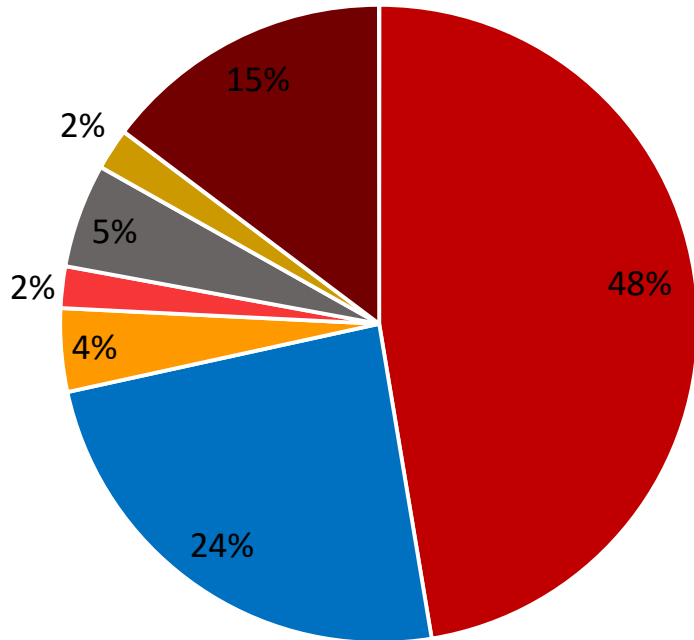
Nurse Consultant Nutrition & Intestinal Failure

St Mark's Hospital

Co Chair NG Special Interest Group

mia.small@nhs.net

NG related serious incidents



- Xray
- pH
- Electromagnetic devices
- Whoosh
- Not checked
- Subsequent displacement
- Unclear

- 95 incidents Sep 2011 – Mar 2016
 - 45 relating to Xray
 - 23 relating to pH testing
 - 4 electromagnetic devices
 - 2 whoosh test
 - 5 not checked
 - 2 dislodgement after initial correct placement
 - 14 unclear

■ 32 deaths

BAPEN NG Special Interest Group

- Multidisciplinary forum
- Sharing & disseminating best practice
- Raise awareness of safety issues
- Debate complex issues
- Advance clinical practice
 - Collaborative working
 - Research
 - Audit
 - Engagement with industry



Further guidelines



- Subsequent checking
- Need for discard volume?
- Acceptable surrogate markers of tip assessment
 - Drinking recognisable fluid
 - External length of tubing
- Measuring length of tube to be inserted
 - Is NEX accurate?
- Patients with altered anatomy
- Stand alone use of placement devices
- Need for standardization

Future developments

- Aspirate n Go device
 - Assists in getting an aspirate & gives a yes/no colour change
- NGPOD fiberoptic device
 - Disposable fiberoptic device reads pH by photometry
- IRIS (integrated real time imaging system) technology
 - Camera on distal tip of tube
- Measuring human gastric lipase (HGL) as a stomach specific biomarker

