## Green Endoscopy Network 23<sup>rd</sup> Sept

# What's New and Where do we go from here?



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### What we should be doing







Staff behaviours



Sustainable buildings



Sustainable procurement



Sustainable pathways



Sustainable equipment

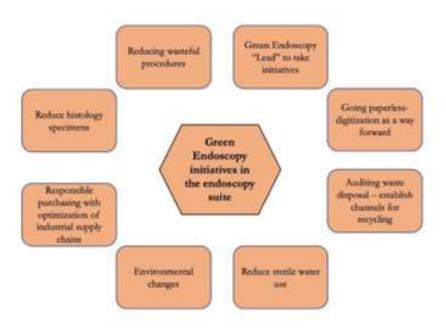


Sustianable accessories



Sandeep Siddhi

## What we should be doing



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#### **BSG**

- In 2023 issued Sustainability position Statement
- Set up a Sustainability Working Group
- Commitment to Green Conference Sustainability Symposium
- Green Endoscopy Checklist to come
- Frontline Gastroenterology has a Green Special Edition
- Working with CSH on Online education module
- US Following the BSG lead & 4 societies agreed a 5-year Plan

#### **ESGE & ESGENA**

- Green Endoscopy Position Statement
- LEAF GREEN Survey interesting results
- Green Endoscopy Working Group
- Continuing Further research across Europe
- Commitment to reduce conference carbon footprint
  - Using local suppliers
  - Recycled carpet
  - Water
  - No plastic lanyards
  - No bags or plastic Freebies
  - Vegetarian Meals



Practice the "5 Rs" to be more environmentally friendly



REDUCE

unnecessary endoscopic procedures - only when indicated (= 28 kg CO2e per procedure)
 unnecessary biopsies - only when indicated (300 g CO2e per biopsy jar).
 overall waste production and misclassification. Training endoscopy staff on waste



REUSE

 emdescopic accessories within procedures (e.g., one polypictionny snare for all small polypis).
 emdescopic accessories between procedures, when combining upper GI endoscopy followed by colonoscopy within the same patient (e.g., blopsy forcess or polypectomy snare – gowns (66% reduction of CO2e compared to single-use gowns) and other PPE elements such as crubia and hate.



RECYCLE

suring there are recycling bins in your endoscopy unit. Segregate individual



RETHINK

 your team's environmental impact by educating and raising awareness.
 Going to work on foot or using public transportation can reduce your professior carbon footprint by up to 45%.



RESEARCH



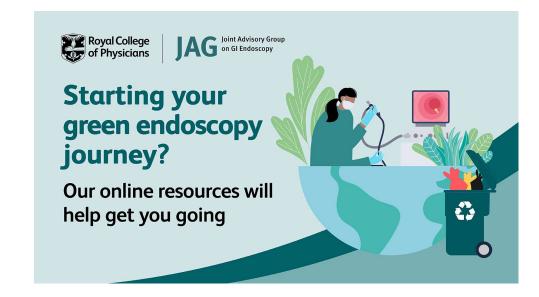






#### **JAG**

- Green Endoscopy as an exemplary standard – hope to be mandatory
- Green Endoscopy webpage and Podcasts
- Active involvement in Green Endoscopy Movement
- Greener Endoscopy Working Group



# Environmental impact of disposable duodenoscopes



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#### What we need to do now

- Momentum has slowed need to push on workforce burnout
- Try to get the discussion going
- Develop a unit Green Promise or Pledge
- Post on Social Media
- Have a Green Board on the units
- Involve patients in discussion
- Create networks and reach out
- Write about your experiences and seek Publication
- We need lots of Data Conduct Research and Audits



#### **Useful Links**

https://www.worldgastroenterology.org/UserFiles/file/e-wgn/ewgn-vol28-issue2.pdf

https://www.esge.com/esge-and-esgena-position-statement-on-reducing-environmental-footprint-of-gi-endoscopy

https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwi21ZKs 5dilAxUcXEEAHXtcOEkQFnoECAkQAQ&url=https%3A%2F%2Fgut.bmj.com%2Fcontent%2F72 %2F1%2F12&usg=AOvVaw2tjImVNgqFRRRnAy81Q6gm&opi=89978449

https://www.thejag.org.uk/green-endoscopy

https://pubmed.ncbi.nlm.nih.gov/38278158/