Reducing Scope 3 Carbon Emissions in Gastrointestinal Endoscopy
Results of the Prospective Study of the “Green Endoscopy Project Würzburg”

**Scope 3**
Indirect emissions caused “outside”, e.g.:
- Manufacturing, packaging & transportation of goods
- Waste disposal

**Prospective trial**
Interventions:
1. Separate waste
2. Reduce number of examinations/instruments
3. Avoid manufactures with long delivery routes and missing ecological consciousness

**Results**
Carbon emissions: 2/22 – 5/22 vs. 2/23 – 5/23
- 41.25 tCO2e
- 33.64 tCO2e
↓ 18.4%

**Approach to action**
Reducing emissions without impairing the endoscopic work-flow is possible
- Train staff on effective measures
- Avoid long delivery routes of consumables
- Limit use of single-use protection gowns