

GREEN ENDOSCOPY PRACTICE SURVEY OF THE FRENCH SOCIETY OF DIGESTIVE ENDOSCOPY (SFED)

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Poster

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A French national survey of 707 gastroenterologists and nurses found moderate adoption of sustainable practices in endoscopy units, with high environmental awareness but gaps in knowledge about the carbon impact of biomedical waste incineration.

KEY POINTS

- 88.4% of respondents use reusable valves and 49.5% use reusable bite blocks, but 94.3% still use single-use hemostatic clips
- While 96.5% knew biomedical waste should be incinerated, only 5.4% were aware that each ton of incinerated biomedical waste produces approximately 1 ton of CO₂
- Recycling infrastructure varied widely across endoscopy rooms, with glass recycling available in 73.1%, plastic in 59.3%, and paper in only 38.3% of units
- Most clothing items in endoscopy rooms were reusable (71.2% fabric scrubs, 88.7% theatre clogs), though 87.6% of surgical caps and 63.4% of over-shirts were single-use
- The survey provides baseline data to guide efforts to reduce the carbon footprint of digestive endoscopy in France, supported by recent ESGE recommendations and the reduce-reuse-recycle framework

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