

A hero's toolbox: The power of single-use accessories

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UEG Week Vienna 2024

Presentation

Nurses

October 12, 2024

This presentation advocates for switching from reusable to single-use accessories in endoscopy, highlighting contamination risks with reusable water bottles and tubing and presenting Olympus single-use product solutions.

KEY POINTS

- The speaker stated that reusable water bottles require daily reprocessing with complete disassembly and sterilisation, and replacement after 200 reprocessing cycles, procedures the speaker suggested are often not followed in practice.
- Reusable accessories can show contamination after reprocessing if cleaning, drying, storage, and hand hygiene are inadequate, and water bottles can contaminate endoscopes if tap water is used instead of sterile water or if cleaning and sterilisation are inadequate.
- Single-use accessories offer three main benefits according to the speaker: safety by ensuring sterile and fully functioning accessories each time and preventing staff injuries during reprocessing, efficiency by saving time and eliminating reprocessing steps, and potential cost reduction related to reprocessing and maintenance.
- The speaker presented Olympus flexible tubing that can be used for 24 hours without changing between patients, requiring only a small auxiliary channel adaptor change per patient that acts as a barrier between the contaminated scope and clean tube.
- A hybrid single-use tubing solution supplies irrigation, insufflation, and lens flushing through one tube connected to one bottle, which the speaker described as requiring less setup time and being more economical than separate reusable tubes.
- The speaker disclosed that Olympus offers an extensive collection of single-use supporting products for endoscopy and presented this as the speaker's recommended solution.

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