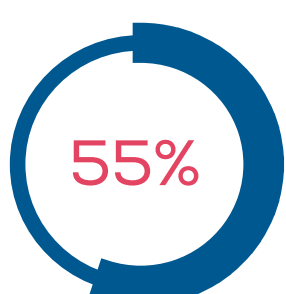


Taking a Holistic Approach to Infection Prevention

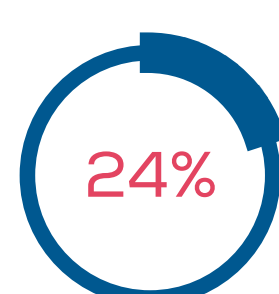
Taking a holistic approach to infection prevention can assist healthcare providers in determining (often overlooked) threats and identifying successful solutions.



55% of state-certified Ambulatory Surgery Centers (ASC) were cited for infection control deficiencies from 2013 to 2017¹



Infection risks from instrument processing errors was the #3 health technology hazard in 2020²



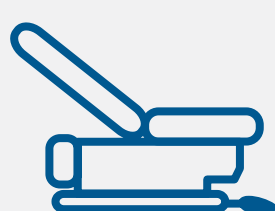
From 2013 to 2017, infection prevention ranked as the second most common category of patient complaints at 24%¹

Five Key Components of a Broad, Holistic Approach to Infection Prevention at the Point of Care



DESIGN

- A 2015 study showed, 95% of patients prefer bypassing the waiting room³
- Patient-centered facility and workflow designs enhance infection prevention programs
- Collaborative Care, Self-Rooming, and On-Stage/Off-Stage models reduce exposure and transmission



EQUIPMENT

- 12% of healthcare-associated infections from 1966 to 2002 originated from equipment or medical devices⁴
- Equipment designed for clinical environments and can be easily moved to clean underneath
- Antimicrobial pulls and non-porous surfaces, seamless upholstery and hands-free faucet options can reduce vulnerabilities
- Diagnostic instruments designed with features that simplify cleaning and disinfection



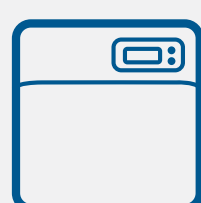
DATA ANALYTICS

- Digitization of patient and staff interactions offers greater visibility into infection prevention
- In a 2020 case study, one community hospital underestimated staff contact with patients by an average of 58%⁵
- Real-time locating system (RTLS) technology automates and improves contact tracing



INSTRUMENT PROCESSING AREA

- A 2015 study showed that 35% of infection control breaches in Los Angeles County outpatient facilities from 2000 to 2012 were the result of improper instrument processing⁶
- A smooth, dirty-to-clean workflow helps contain contamination and maximize efficiency
- Five critical steps to instrument processing: Receiving, Cleaning + Decontamination, Preparation + Packaging, Sterilization, Monitoring/Sterility Assurance + Storage



STERILIZERS

- Sterilizers are a front-line defense in keeping patients safe from contaminants
- Sterilizers should be FDA-approved, ASME-certified, easy to use and offer audit-ready recordkeeping capabilities

Healthcare providers that adopt a holistic approach are better positioned to **keep patients and staff safe**, and further improve the quality of care delivered.

Sources:

1 <https://oig.hhs.gov/oei/reports/oei-01-15-00400.pdf>

2 <https://www.ecri.org/landing-2020-top-ten-health-technology-hazards>

3 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4511340/>

4 <https://pubmed.ncbi.nlm.nih.gov/15865271/>

5 https://www.midmark.com/docs/default-source/resource-library/medical/007-10325-00-midmark-rtls-infection-control-case-study-rev-a1-7-20-16.pdf?sfvrsn=9f882315_2

6 https://www.cdc.gov/eid/article/21/8/14-1251_article

