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Schweizerische Gesellschaft für Sterilgutversorgung Société Suisse de Stérilisation Hospitalière Società Svizzera di Sterilizzazione Ospedaliera



Improvements to sterile processing - an essential part of any global surgery initiative

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## Introduction



 Schwarkenheims Geseillericht Wei Geseilgentwerversjong Konthik Kohnen im Klast bestämt Kongeheitigen Konteile Schwarze die Schröfingsscharte Gegeschliere



- Disparities in surgical care are a significant contributor to global health inequities.
- Studies conducted in low-income economies indicate surgical site infections range from 10.9% to 70%.
- Studies link infections to improperly sterilized instruments.





## Introduction





Schwerbenkerne Geserlandenfe Vie Georikanstearenengung Kontrek Kolone der Könttbachner Hongebaldien Kontrek Schwarze of Scherbizzanstone Gepachtiken



- Sterile processing plays an essential role in the success of any global safe surgery initiative, yet it is often overlooked.
- SPECT developed a comprehensive training program to support continuous improvements in sterile processing practices.



## **Methods**



Schwarfendische Gesellschaft Vin Straffigstreamangeng Kochten Kahaan der Köstlichten Heusphältlere Sochets Schwarze di Starfitzunstans Gepachtigen



- Aggregate data was compiled between 2011-2021, using a quality improvement design<sup>(1-5).</sup>
- A retrospective approach to data analysis was taken to summarize findings from assessments across <u>14 countries</u> in Sub-Saharan Africa, South East Asia, and Central America.







Schwerkenleiche Gesellscheiß VII: Versitzusteursengung Socialifi Kolone die Michaelier Hongeleilden Socialifi Schwere of Starfdamatione Organiziene



#### Analysis identified:

- a common lack of knowledge related to sterile processing,
- need for access to equipment and resources,
- absense of national guidelines,
- no standard operating procedures for workers to reference, and
- no policies in place to protect workers.







Schweisenberten Geserlanden? Vie Speifigertenenengung Sonitten Kolmen die Mitchinekten Hongehaltiken Soniteite Schmenz of Starithmenistene Gepachikaan



Continuous education, training, and mentoring, as well as advocacy, demonstrated visible improvements.





- Schweizenbeite Gesellechnik Vie Steafigerbesteurgeng Kontolik Kalaan de Vielst bestere Konschaliken Kontolik Schweize di Schriftmanische Conselliken

SGSV SSSH SSSO







Schweisenkerber Geserlichterfeit? Wir Streifertreareurg ang Steitift Kalene de Richtlachten Heusphaltiken Steitifte Schweise als Steitifzunstene Gesetliken

SGSV SSSH SSS0





## **Recommendations**



- Schwarbenhalms Gereikashulli Vite Vereikashearoorgang Kashilali Kalenas da Kitali bashire Hanyeladden Kashilali Sekaran di Stari Kasasinaa Cepadakiwa



Areas where support and improvement is needed:

- Training and education
- Supplies and equipment
- Maintenance
- Data collection

Collaboration with larger global initiatives (such as Safe Surgery 2020<sup>6</sup>), Ministries of Health, and local surgical teams increases the likelihood of sustaining improvements.



## Conclusion



Schwerkenberg Geschedenik VerBensteinerung Konisten Kohene der Michtlastiver Hongeleitigen Sachete Schwere of Schwitzenstone (repeatelisen



- Common barriers related to sterile processing practices exist in resource constrained countries globally.
- Some of these challenges can be addressed with education and training.
- Increased attention to international standards as well as supporting local health care workers and administrators with adequate resources must occur to see continued improvements.









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- 6. Safe Surgery 2020. <u>https://www.safesurgery2020.org</u>







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# Thank you!