

Minimal Attire Requirement for Procedures in Interventional Radiology, in the Absence of Semi Restricted Hallway

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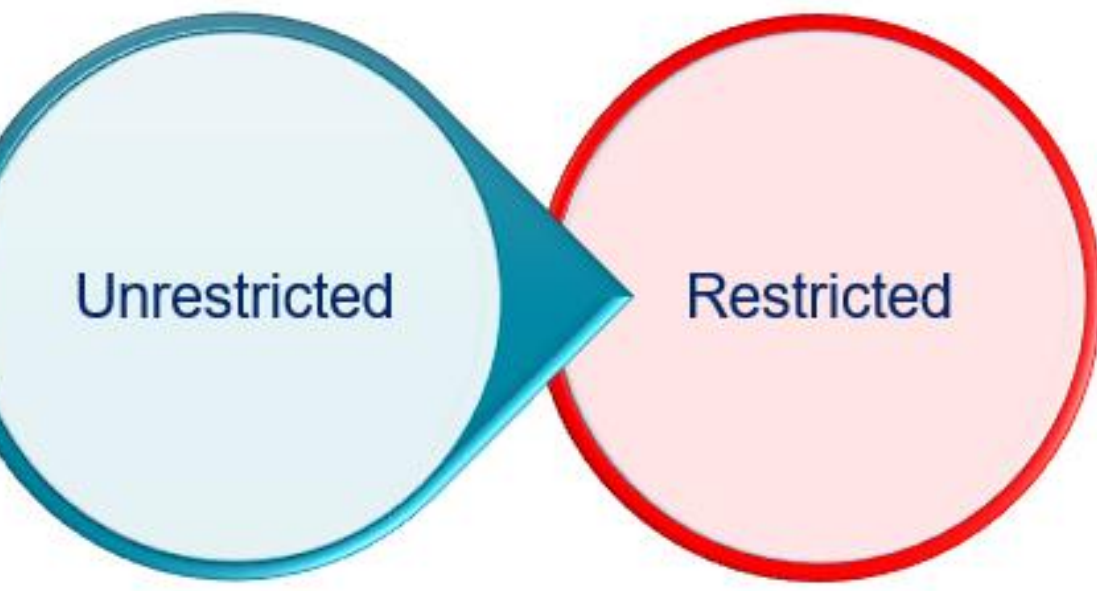
PURPOSE

Interventional Radiology (IR) staff lacked clear guidance on appropriate attire for the Procedure Suite, Procedure Room, and Control Room/Alcove during procedures. Infection Control conducted observations in a fast-paced IR clinic at an urban tertiary cancer center, assessed infection risks in the uncontrolled environment, and developed evidence-based attire guidance to enhance safety.

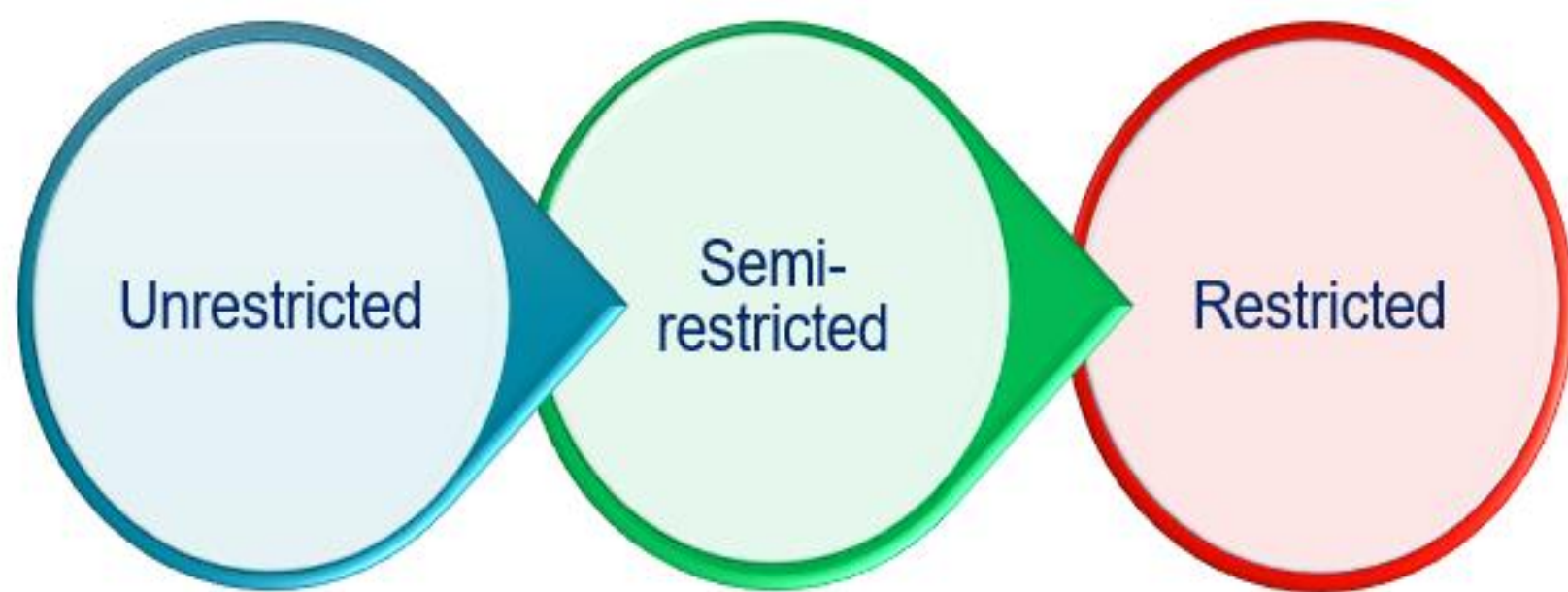
GOAL

Design a standardized, best practices strategies that will help reduce risk of infections, improves efficiency, safety for patients and compliance with standard of care across periop and non-peri-op IR setting.

NON PERIOP IR SETTING

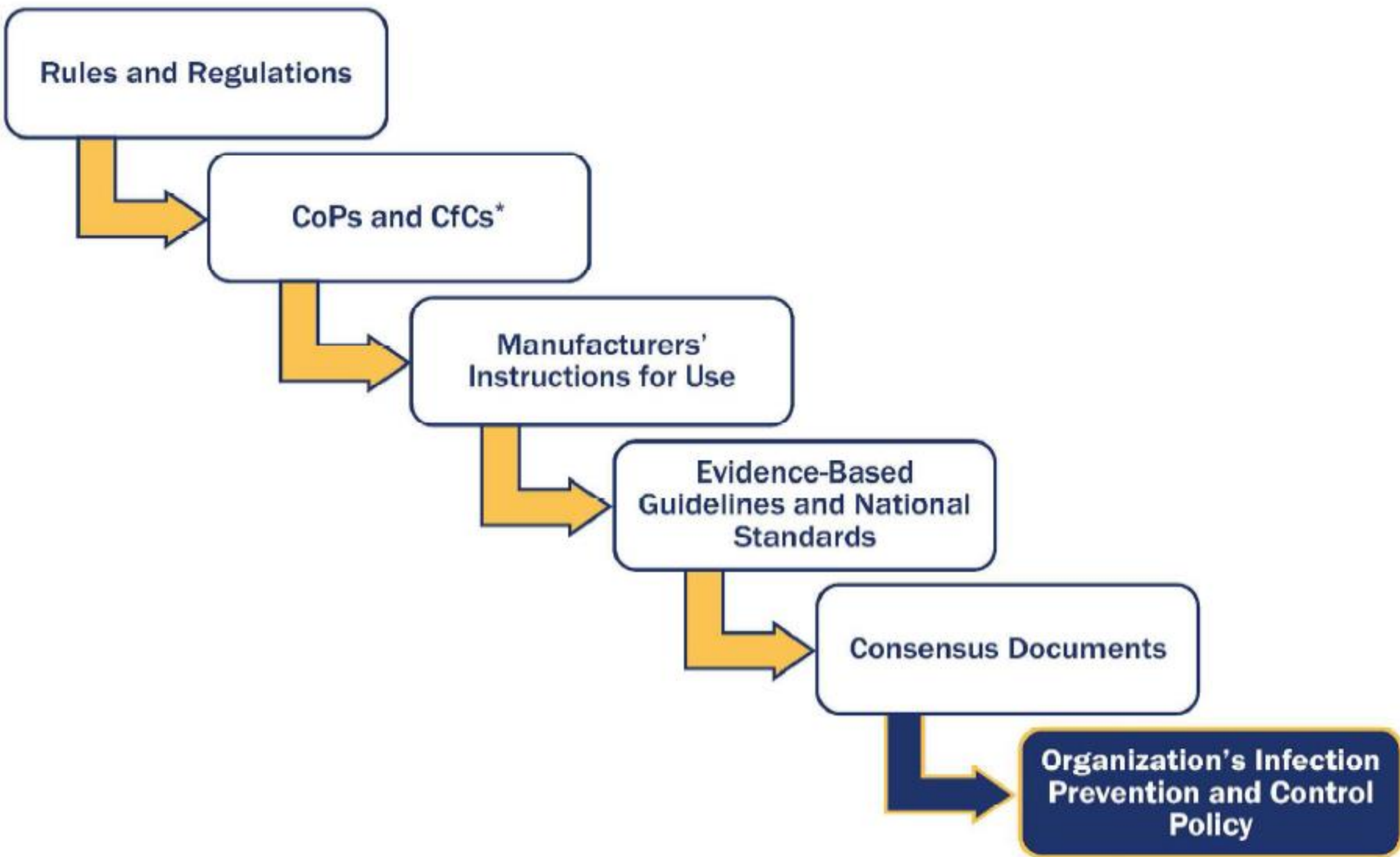


PERI OP IR SETTING

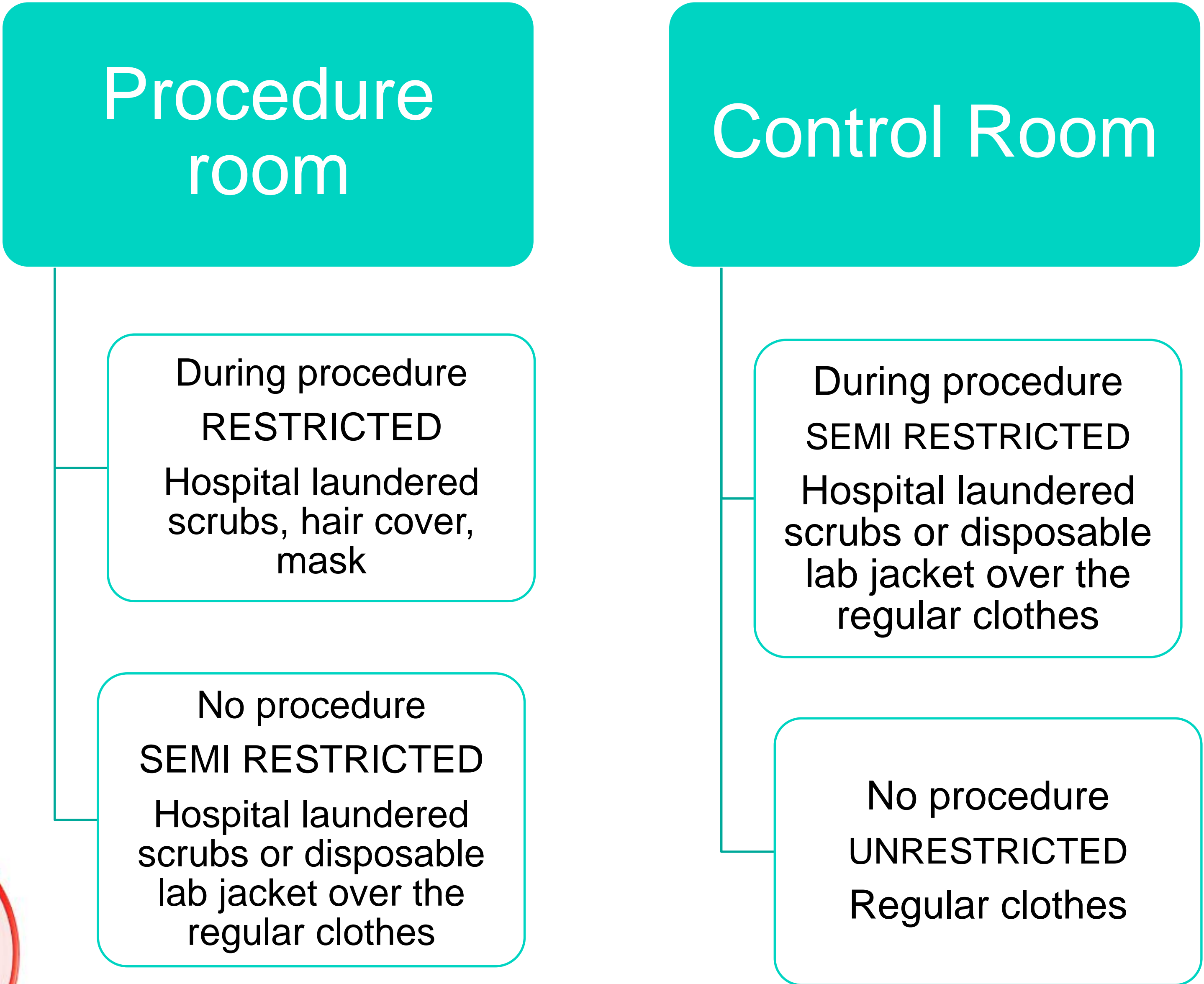


METHODS

Conducted a retrospective chart review of 2022 Interventional Radiology procedures to identify healthcare-associated infections using NHSN criteria. Procedure selection was guided by the Society of Interventional Radiology's clean and clean-contaminated procedure list. Additionally, led a national survey across medical centers and identified varying imaging room classifications and environmental control requirements based on FGI guidelines.



FROM AN UNRESTRICTED IR SPACE



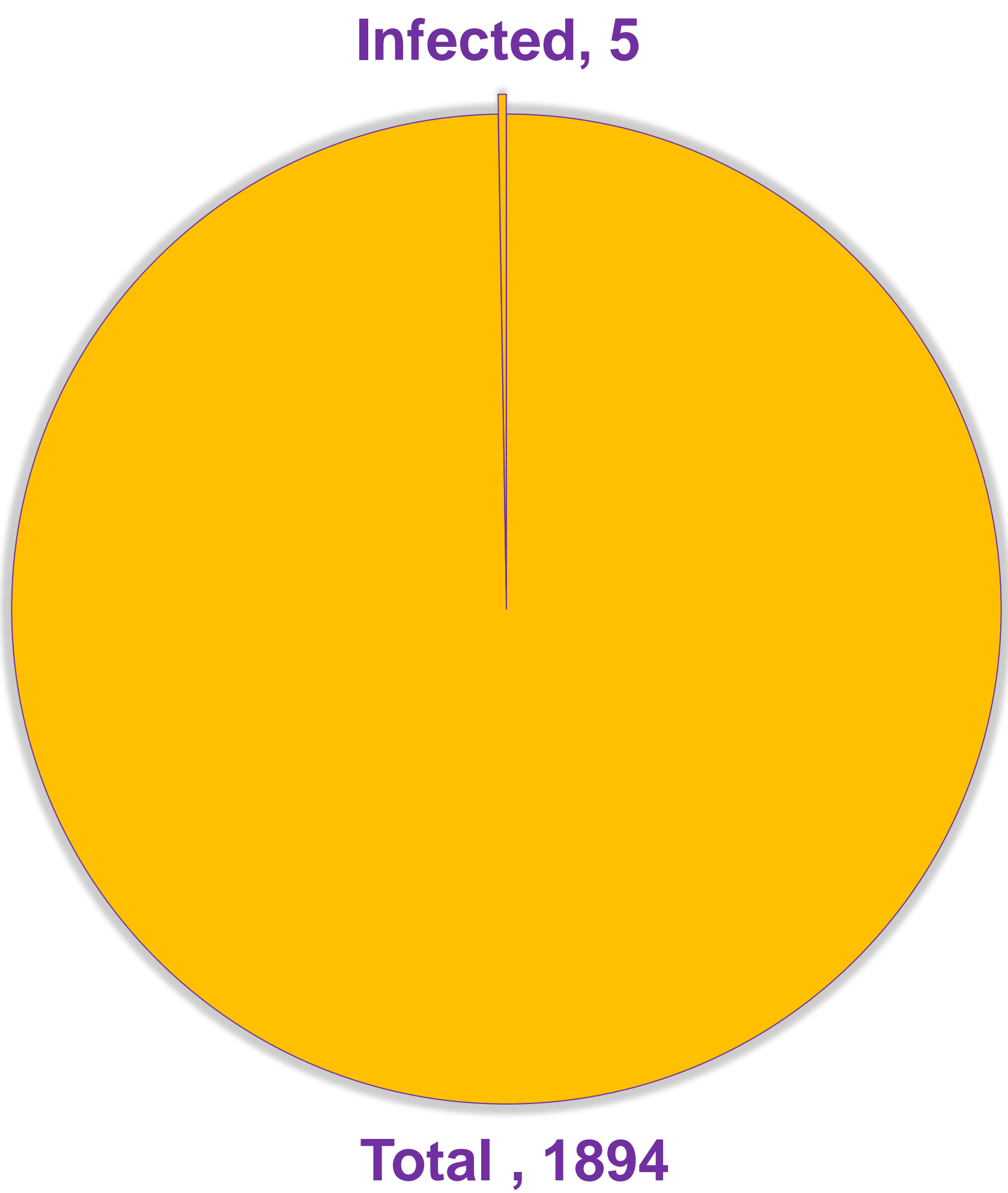
VISUAL STOP SIGN TO LET STAFF KNOW WHEN TO WEAR PROPER ATTIRE



RESULTS

5 infections were identified out of 1894 clean and clean contaminated IR procedures performed in non peri op IR settings. None of these infections were attributable to IR procedures. Workflow created to don attire from unrestricted area to the Procedure suite was done with radiology and non-radiology staff. 4 different types of scenarios attire were identified for both the control room and the procedure room during procedures and after procedures. The staff assisted in delineating and identifying areas to place attire carts. Signs posted instructing the appropriate attire to use and attire holder was placed in the Interventional Radiology areas.

TOTAL VS INFECTED



CONCLUSIONS

The interdisciplinary team was able to accomplish an organized and safe workflow to wear the appropriate attire that can be adapted by other interventional radiology settings. This improve initiative is important for staff safety in addition to compliance with regulatory standards of practice

CONTACT INFORMATION

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Financial Disclosures: Nothing to disclosed