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Introduction :

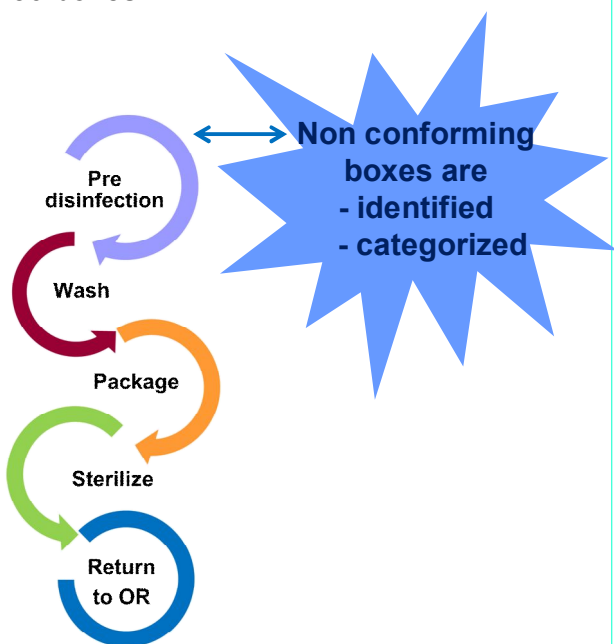
The quality of the sterilization process depends -in part- of the surgical instrument state upon receipt. A comparison of two internal audits -5 years apart- showed an increase of 145% of non-conforming boxes (NC).

Objectives :

NC analysis is needed to optimize the coordination between the operating room (OR) and sterilization

Materials & Methods :

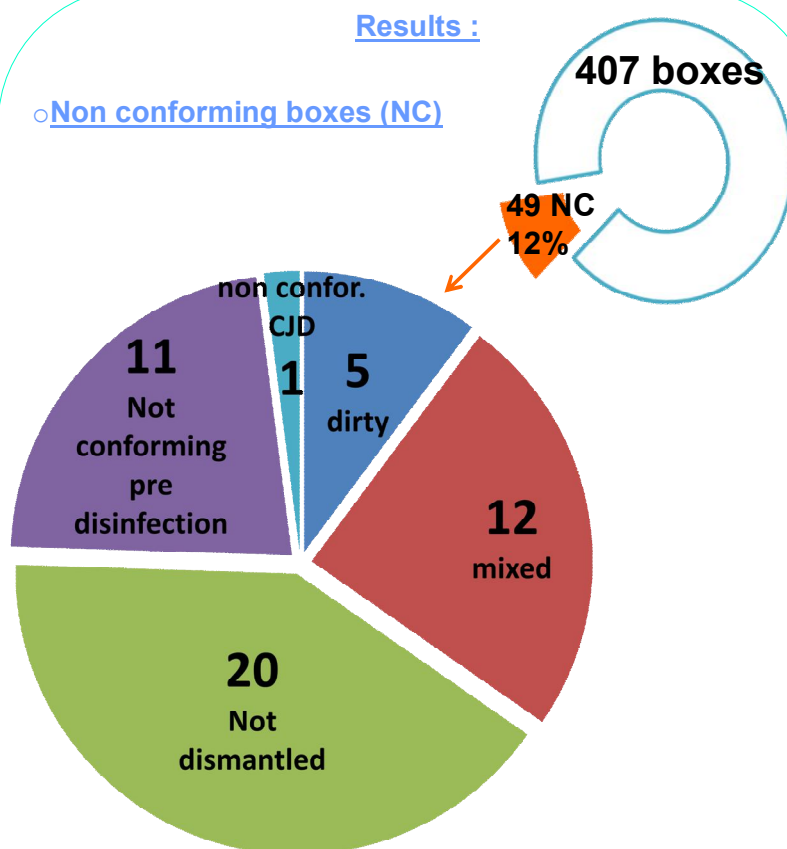
- Audit conducted during 1 week (2015)
- **456 boxes**



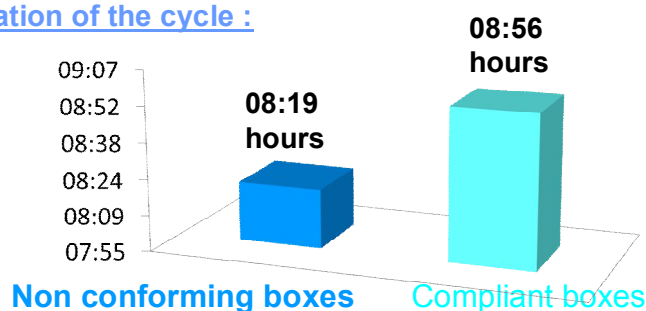
- Schedules are notified at each step for NC boxes and compliant boxes
- Non conforming boxes are analysed by sterilizing agents :
 - ✓ Dirty boxes
 - ✓ Mixed boxes
 - ✓ Not dismantled
 - ✓ Non conforming pre disinfection
 - ✓ Non conforming information about CJD's risk

Results :

- Non conforming boxes (NC)



- Duration of the cycle :



Discussion:

Non conforming boxes are processed quickly because prioritized by the agents (anticipatory measures). Each non-compliance detected will be reported by the agents using a data collection form (date of the incident, description of the event, corrective measure applied). The reliability of traceability CJD risk will be enhanced by the establishment of a computerized entry form during the pre operative consultation of the anesthesiologist.

Conclusion:

Managing non-conforming boxes is an essential part of the quality system, solutions can be made through better communication between the operating room and the sterilization.