Immediate Use Steam Sterilization (IUSS) may put patients at increased risk for hospital acquired surgical site infections. High usage of IUSS distracts the nurse from caring for the patient, compromises tracking of items to patients, increases the risk of errors in cleaning/sterilizing instrumentation, increases production pressure, and creates unnecessary work. Having previously developed tools and a methodology to reduce IUSS for Ophthalmology from 61% to 5%, in this project we start spreading the learning, cleaning/sterilizing instrumentation, increases production pressure, and creates.

Problem/Opportunity
• High IUSS of Ortho Trauma kits
• 9% of OTs have IUSS of 10% or higher outside of scope of our team
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Suggested Approach
1. Apply previously developed methodology and tools to this project
2. Recommend instrument acquisition to reduce IUSS in Ortho/Neuro spine
3. Standardize targeted workflows that affect delivery of care to Orthopaedic and Neuro patients

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Methodology to Determine Number of Kits Needed

Making visible instruments not used

Process Flow Before & After

Results
• Service by Service Review of IUSS to determine next areas of concentration
• Apply the metrics to justify additional instrument purchases

Next Steps
• Apply the metrics for projected service line growth
• Submit recommendations for approval

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IUSS REDUCTION – ORTHO & NEURO SPINE
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