



# The Effectiveness of an Enhanced Surgical Time-out in Preventing Adverse Events in Surgical Patients

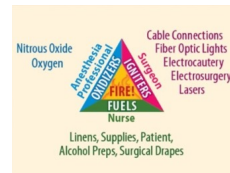
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## BACKGROUND

- An enhanced surgical time-out checklist lowers the incidence of adverse events perioperatively.
- Gaps in the JCAHO time-out protocol fail to address all major safety issues, including fire risk assessment like fire safety..
- The purpose of this work is to present the implementation of an effective enhanced structured time out process in clinical practice setting..

## IMPLEMENTATION OF PRACTICE CHANGE



SURGICAL TIME OUT PROCESS	
1. PATIENT NAME	6. ANTIBIOTIC/PRE-MEDS
2. DATE OF BIRTH	7. LOCAL PULLED BLOCK COMPLETED
3. ALLERGIES	8. LABS
4. PHYSICIAN/PROCEDURE	9. FIRE SCORE & PRECAUTIONS
5. SITE/SIDE MARKED	10. ADDITIONAL CONCERNS OR SAFETY ISSUES

## SYNTHESIS OF THE EVIDENCE

- Surgical patients who received a comprehensive, multi-disciplinary surgical time-out checklist resulted in a decrease in complications from 27.3% to 16.7%.
- Implementing a multi-disciplinary time-out resulted in 57% reduction in surgical complications and increased cooperation and communication among operating room staff.

May 2023



**Identified a Practice Change Need**

Gaps in Time-out process resulted in OR fire

June 2023



**Picot**

Formulated PICOT question

July 2023



**Synthesis of Evidence**

Evidence Presented to UNF NAP

October 2023



**Pre-Implementation Data gathering & IRB approval**

Evaluated attitudes towards practice change

November 2023



**Revised Implementation Plan**

Used feedback from staff to edit and revise surgical time-out checklist

January 2024



**Implementation**

Project implemented

February 2024



**Evidence of Implementation of practice change**

100% adoption of practice change



Powerpoint Presentation



Manuscript



References

EVIDENCE-BASED PRACTICE