

Implementation of Surgical Safety Checklist at Hamad Medical Corporation (HMC)

Dr. Moza Alishaq¹, Dr. Neelam Zafar², Dr. Omar Ali, Ms. Maha Jumah¹, Sister Mona Farhan¹, Sister Amal Jobran¹, Dr. Nick Scott¹, Dr. John Kelly², Dr. Husham Abdulrahman¹, Dr. Sabah Alkadhi¹, Dr. Abdulla Al Ansari¹

BACKGROUND:

- Safety of surgical care is of significant public health importance
- 7 million patients suffer post surgical complications of which 50% are preventable
- The use of the WHO surgical safety was found to reduce the rate of postoperative complications and death by more than one-third

OBJECTIVE:

To Improve patient safety and enhance communication between surgical team members by implementing Surgical Safety Checklist at HMC

Department of Surgery, Hamad Medical Corporation¹, Partners Healthcare International²



RESULTS:

As a result of the pilot study we found an increase awareness on the importance of the use of Surgical safety checklist

- As a result of the HMC wide training and continuous education training video the Surgical safety checklist was implemented successfully with 100% compliance in all HMC hospitals

REPLICATION POTENTIAL:

- Customizable to local setting and needs
- Supported by evidence
- Evaluated in diverse setting around the world
- Minimal resources required to implement

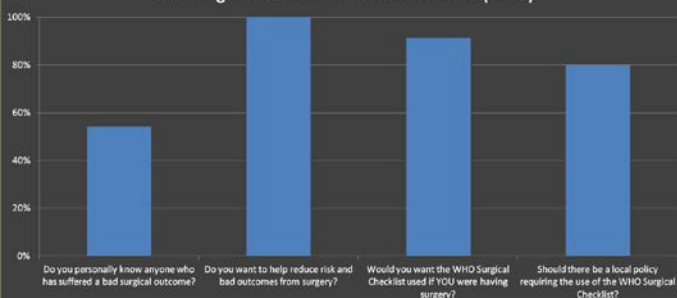
CRITICAL SUCCESS FACTORS:

- HMC administrations focus on corporate wide Quality and Patient safety
- Continuous support of HMC Surgical, Nursing, Anaesthesia and corporate leadership
- Multidisciplinary staff involvement and support

CONCLUSION:

- WHO surgical safety checklist is an evidence based powerful quality tool for assuring safe surgical practice and reduce surgical complications
- Improves patient outcomes and staff satisfaction
- It is a simple (takes 2 minutes) yet efficient method of improving patient safety

% of Surgical Team Members Who Said YES (N=35)



METHOD:

- PDSA cycle for the pilot and final implementation
- Awareness and Pilot study, Training workshop and educational video, final Implementation

REFERENCES:

- World Alliance for Patient Safety. WHO guidelines for safe surgery. Geneva: World Health Organization, 2008
- The New England Journal of Medicine. A Surgical Safety Checklist to Reduce Morbidity and Mortality in a Global Population. N Engl J Med 2009;360:491-9. 2009 Massachusetts Medical

Pre and Post Implementation Data for Surgical Safety Checklist project

