
The Productive Operating Theatre

Initiative Type

Redesign

Status

Close

Added

11 August 2017

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06 November 2023

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<https://cnxp3cuvtvrn68yjaibaht5ywrxspj7m.clinicalexcellence.qld.gov.au/improvement-exchange/tpot>

Summary

The Productive Operating Theatre (TPOT) offers a systematic way of delivering high quality, safe and consistent care to patients. It builds on learnings from best practice within healthcare and other industries and is a program of work that gives frontline staff the practical tools and knowledge they need to transform the operating department across the four key areas of the program. Key principles The success of TPOT is attributable to implementation of lean principles, specifically related to

clinical service redesign. This involves stakeholders at every step in the process to ensure high level clinical engagement.

- Planning- each module is planned individually and tools are provided to assist with planning
- Diagnostics – baseline performance is identified to provide a benchmark and enable identification of improvement. Tools are provided to assist with diagnostics
- Solution Design – developed by the stakeholders to enable ownership and maintain sustainability
- Implementation- changes can be implemented in a showcase theatre or throughout the department
- Sustainability – stakeholders sustain changes as they helped to create the solutions, this leads to ownership and empowerment

Key dates

Jul 2015

Nov 2016

Implementation sites

Queensland Health

Key Contacts

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Aim

- Improve patient experience and outcomes
- Increase safety and reliability of care
- Increase team performance and staff wellbeing
- Improve efficiency and add value within the operating room

Benefits

- Increased productivity due to improved utilisation of theatre lists, reduced delays within scheduled sessions, less overruns and late starts
- Financial savings attributed to better management of stock, reduced amounts of stock held and better rotation and ordering practices
- Increased staff morale and lower sick leave levels
- Improved patient experience
- Improved team performance
- Increased surgical activity

Background

The TPOT is a theatre improvement programme designed by the UK National Health Service. The aim of this study was to evaluate the implementation of TPOT in urology operating theatres and identify obstacles to running an ideal operating list.