demonstrated through organisation and administration of the channel. We are on Plan-Do-Study-Act (PDSA) cycle 1 and will shortly commence evaluation of our intervention.

Conclusions We anticipate our intervention will gradually improve wound photography compliance in open fracture patients following continued PDSA cycles. Our devised photography process can be applied for other clinical indications within various specialities.

Testing, implementation, spread and scale up of high quality and innovative healthcare improvement approach for patient safety

172 QUALITY IMPROVEMENT OF IV STAT ADMINISTRATION COMBINING MODEL OF IMPROVEMENT WITH LEAN METHODOLOGY

Gautam Sharma. Hamad Healthcare Quality Institute – Hamad Medical Corporation, Qatar

10.1136/leader-2020-FMLM.172

Background One of the innovative approaches implemented at Hamad General Hospital (HGH) for effective healthcare quality improvement was combining different quality improvement methodologies and tools for improving the care process and achieving patient safety. To test this approach, Lean and Model of Improvement with PDSA methodologies were combined for reducing the delay in IV stat administration.

Approach Tested an innovative idea for a 6- month intervention with a 6 - month data collection period in a pilot- test site of inpatient medical ward. Intervention was implemented by a multidisciplinary team and involved study of existing process, removing superfluous tasks through lean technique, using fish bone and Pareto analysis for decision making, testing and implementing change ideas using Model of Improvement and PDSA methodology. Appropriate and need based training was provided to staff involved in the process for sustenance of the improvement. The lessons learnt were spread to other medical units and scaled-up to other Hospitals across Qatar.

Results The outcome measures in terms of total mean delay in stat delivery time was well within target time of 30 minutes as set by the hospital guidelines. The previous mean time was 2 hours 20 minutes. The results were sustained in the pilot unit for 12 weeks before they were spread to other units.

Conclusion Combining Lean and model of improvement methodology can significantly contribute to better safety outcome measures for a patient- cent red care.

Leading innovation and improvement

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174 SPARSH – A NOVEL APPROACH TO HEALTH EDUCATION. BY THE MEDICAL STUDENTS, FOR THE COMMUNITY: REACHING OUT, BEYOND THE CLASSROOM

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10.1136/leader-2020-FMLM.174

SPARSH (Students of Pinnamaneni to Achieve Awareness and reach out Social and Sustainable Health) is a non-profit voluntary organization started by medical students of Dr.PSIMS &RF, Andhra Pradesh, India. Started by four students who wanted to raise health awareness in the community, nurtured by Dr PSN Murthy, it rose into a dynamic medical student body dedicated to raise awareness on basic health issues through outreach campaigns for the past four years.

Objectives

1. Raising awareness on specific health issues rampant but generally ignored.
2. Fanning the spark of leadership qualities and communication skills in medic students.

Themes

1. Menstrual hygiene (2016): Menstrual hygiene; Raising awareness on taboos and issues regarding menstruation.
2. Breast Cancer (2017): Busting the myths on breast cancer and raising awareness about self breast examination; Mobilised mass hair donation for cancer survivors.
3. Depression (2018–19): Aim to create a stigma-free society for people with mental illness. On caring for loved ones and seeking help.