

APOLLO MEDICAL CENTRE, OMR



CATEGORY: TALENT DEVELOPMENT

Project KEN-Revisiting physiological CTGthe unseen spectrum of the PRISM!!!

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BACKGROUND

The Labour room is an essential division of any maternal hospital. The Quality of care to the women are guided to a large extent by the competency of the staff in Labour room. The frequently ordered test in the labour room is CTG, as it is an important screening tool to predict fetal hypoxia. Based on the CTG findings and the diagnosis of fetal distress emergency LSCS is offered which accounts for 48% of the total LSCS. This scenario called for a quick action plan.

MEASUREMENT

Phase 1 – Revisiting the existing knowledge & skills
Target : To achieve more than 80 % training goals
Duration : 6 months (Oct 2018 – Mar 2019)
Mode of Training: In-house, on-the-job training.
Total Cost: Nil

Target Status: Completed

Phase 2 – Engagement in research activities
Target: To research, publish or present at least 3 scientific projects in national and international forums
Duration: 12 Months (Apr 2019– Mar 2020)

Target Status: Ongoing

ACTIVITY



Live case Discussion

Assingment

Comparative group exercises

The Project was carried out in a sequential manner through a period of 6 months.

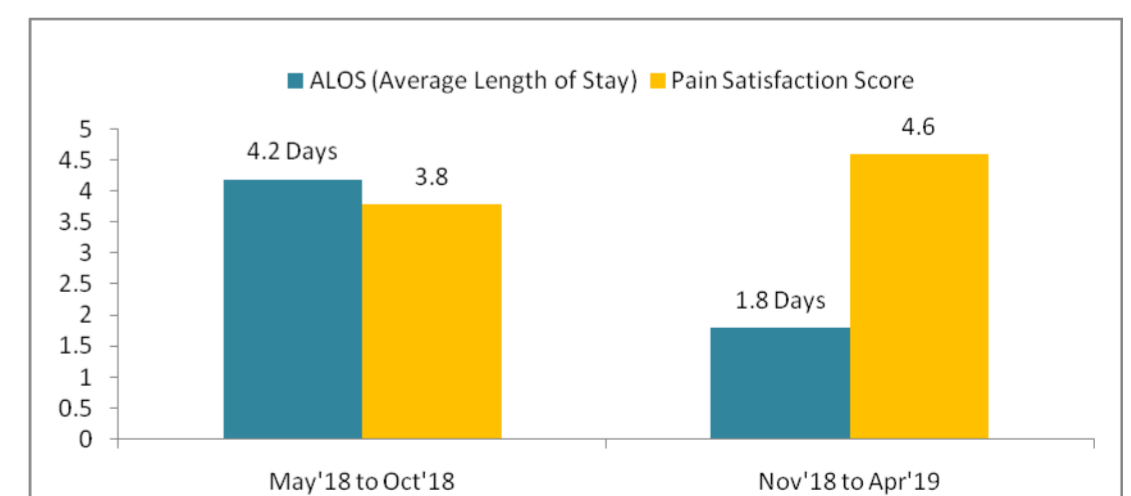
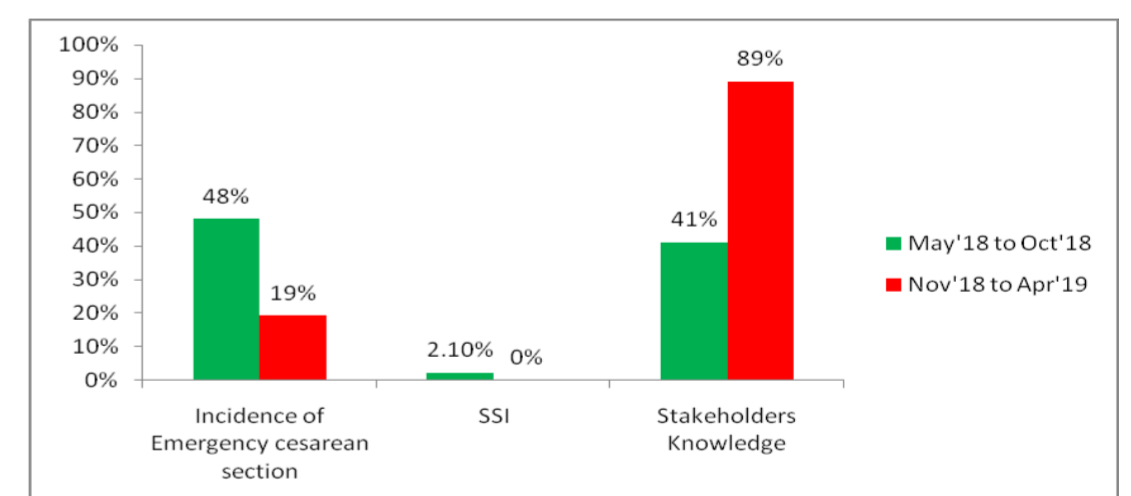
Training Goal:

Empower through Knowledge and performance

1. CTG Features
2. Fetal behavioural states
3. Hypoxia

RESULT

1. Knowledge , skills of the midwives and the junior Doctors showed an improvement (41% to 89 %- post induction) .
2. Performance levels improved from 43% to 90%
3. Incidence of emergency cesarean section for fetal distress had fallen from 48% to 19%.
4. Post natal maternal morbidity reduced.
 - a. SSI had fallen from 2.1% to 0%
 - b. Average Length of stay reduced from 4.2 days to 1.8 Days
 - c. Pain satisfaction score improved . (3.8 to 4.6 – Internal Apollo Measures)
5. Early initiation of Breastfeeding (94% in Normal Vaginal Deliveries Vs 71% for LSCS)
6. Neonatal Morbidity shown significant reduction



CONCLUSION

The prime motto for initiating this project is to address the burning issue of increase in cesarean sections rates world wide. "KEN" is Scottish word which means "to know, understand, take cognizance of, The labor room staff are now well oriented in knowing the physiology of CTG, understanding the state of the fetus being monitored and to efficiently discrete on when to take the right decision.