

Optimizing Documentation for Golden Hour Interventions in Neonatal Care

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BACKGROUND

Documentation on the golden hour flowsheet was not part of routine workflow and was also not easily accessible in the EHR at ECU Health regional hospitals. Use of the golden hour flowsheet will allow for identification of gaps and trends in care and improve patient outcomes.

PROJECT AIM

Within 12 months, we aim to achieve 60% documentation rate on the Golden Hour flowsheet in EPIC for all infants less than 32 weeks gestation delivered at all ECU Health regional hospitals.

PROJECT DESIGN/STRATEGY

Outcome measure:

- Rate of Golden Hour flowsheet utilization

Process measure:

- Golden Hour Module completion
- Representation of interdisciplinary participation at simulation sessions

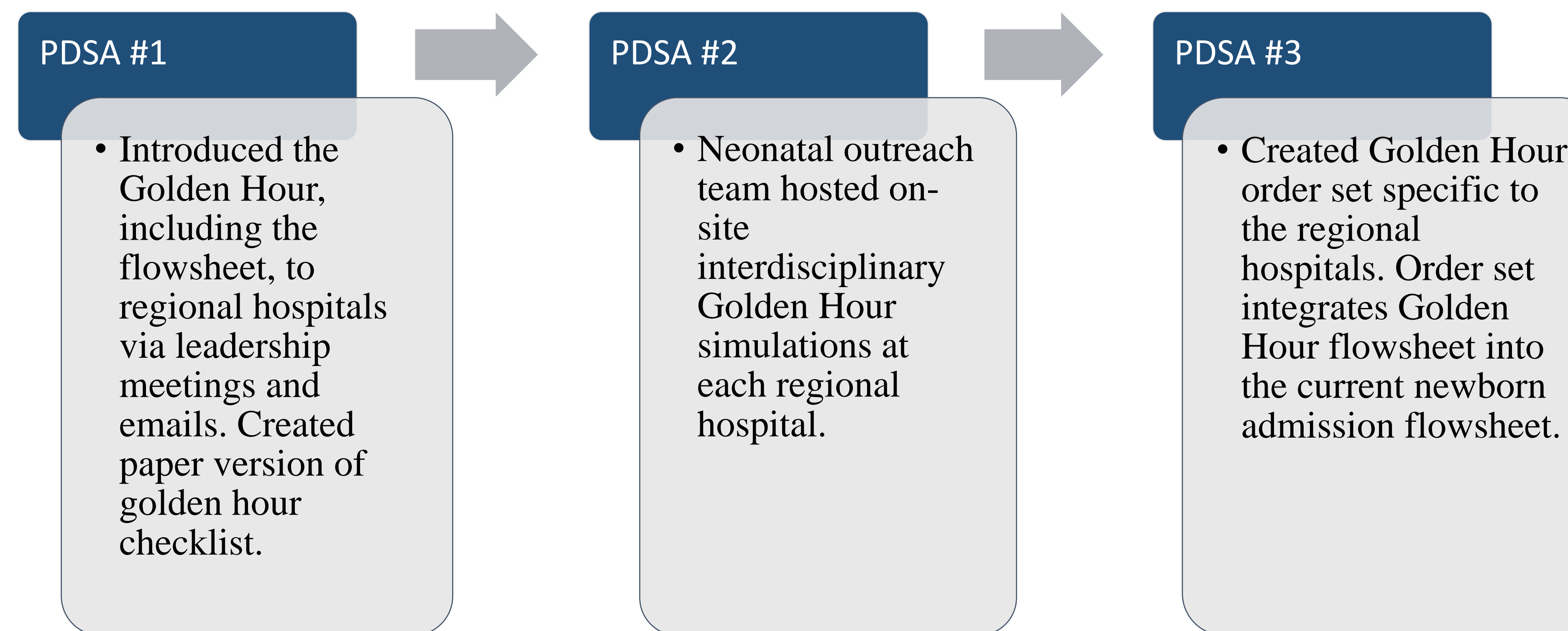
Balancing measure:

- Barriers/burden feedback

Data collection:

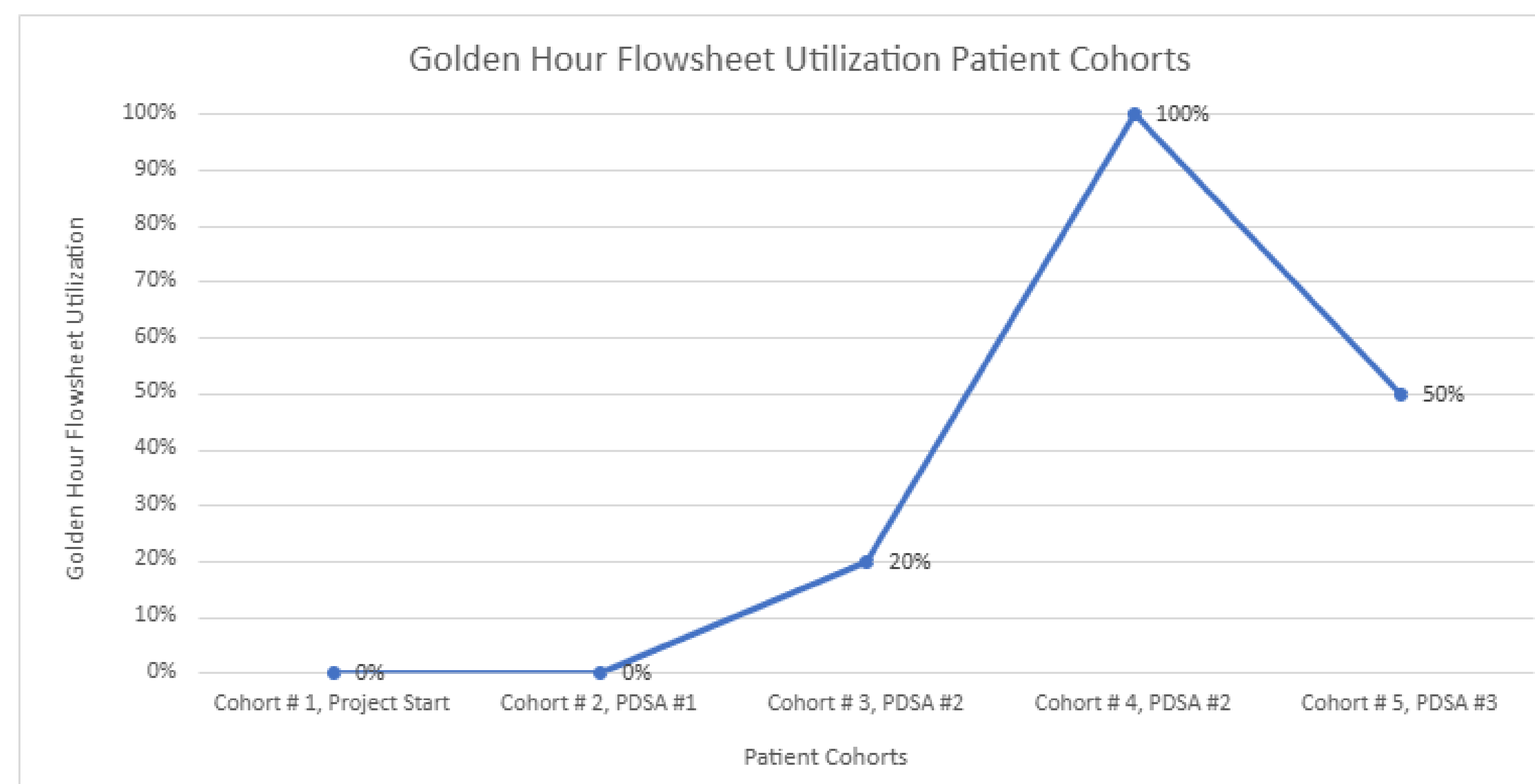
- Data was collected via chart review of infant's less than 32 weeks gestational age who were transferred from an ECU Health regional hospital to ECU Health Medical Center NICU.

CHANGES MADE (PDSA CYCLES)



RESULTS/OUTCOMES

Golden Hour Simulations				
Hospitals Completed	RN Participants	RT Participants	Provider Participants	Total Participants
7	71	15	12	98



LESSONS LEARNED

- PDSA 1 resulted in very little improvement.
- PDSA 2 resulted in the greatest improvement in Golden Hour documentation rates.
- We attribute this increase to the face-to-face communication and education that was completed during the on-site simulations.
- Due to the low number of infants born at less than 32 weeks at regional hospitals, we have not been able to monitor data with large cohorts.

NEXT STEPS

We will continue to monitor compliance with golden hour care and its impact on the outcomes of premature infants born at regional hospitals prior to transport. Having appropriate documentation of relevant clinical measures will allow the neonatal outreach team to strategically target education needs. Over time, this could have positive impacts on the health of premature infants born in our region.

ACKNOWLEDGEMENTS

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