

Improving the Provision of Nesting and Positioning for Babies in NICU

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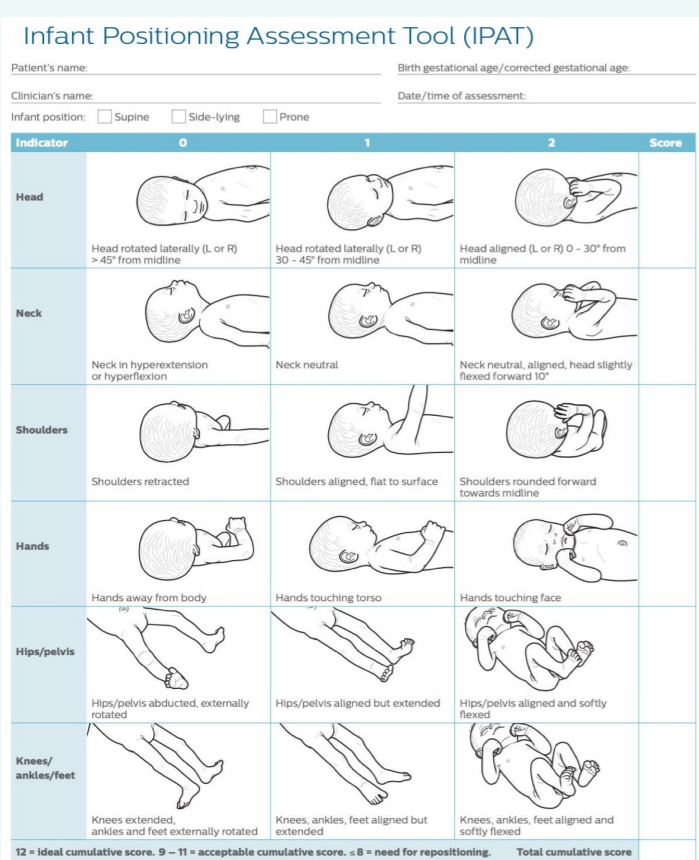
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Problem Statement

There was no ideal nor standard way of positioning babies during hospitalization in NICU. The Infant Positioning Assessment Tool (IPAT) was used, and data showed that 100% of babies (n=6) has an IPAT score of less than 8 (01 July to 15 July 2022).

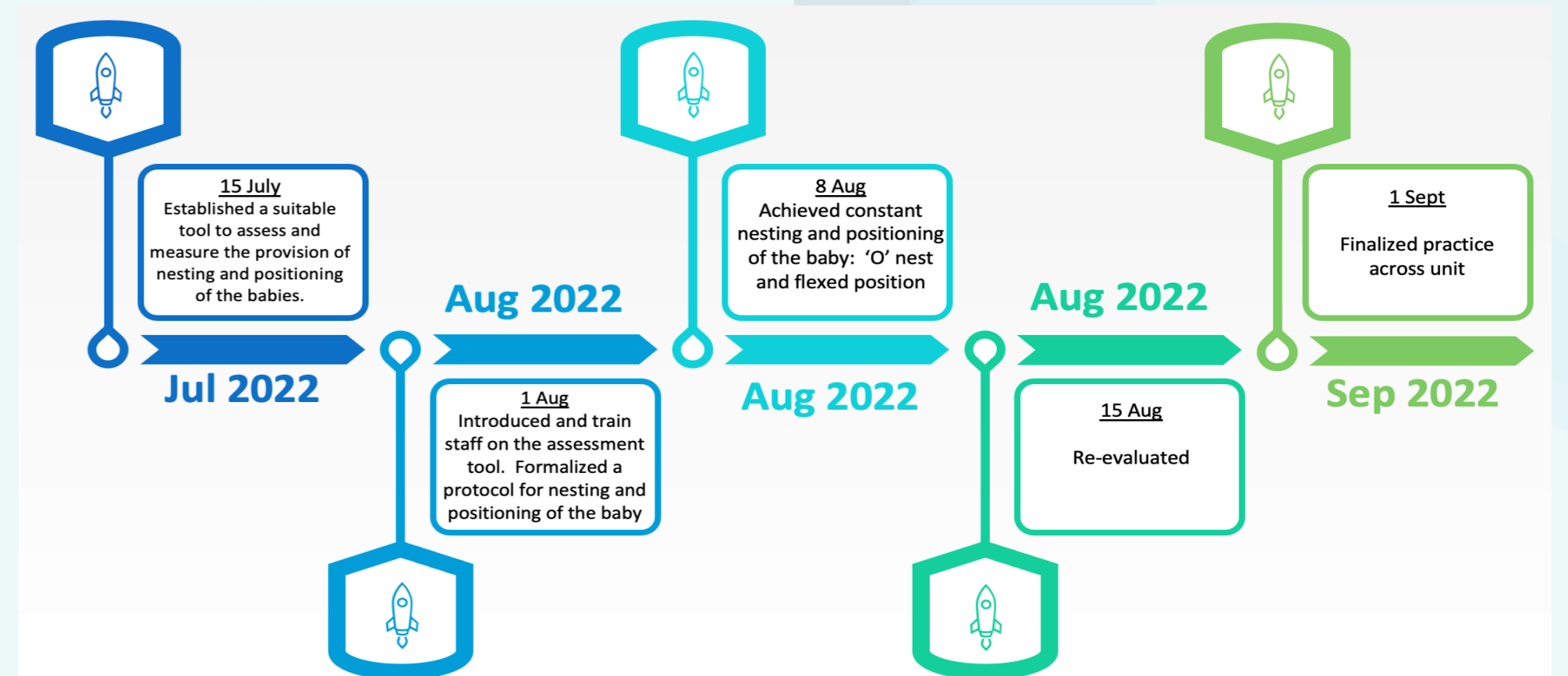


INTERPRETATION:
Legend IPAT scoring

Full score of 12:
Ideal positioning
Scores of 9 to 11:
Acceptable
Scores of 8 or lower:
A need for repositioning

Potential Solutions

PDSA Cycle 1	PDSA Cycle 2	PDSA Cycle 3	PDSA Cycle 4	PDSA Cycle 5
Adopted a suitable tool to assess and measure the provision of nesting and positioning of the babies	Introduced and train staff on the assessment tool Formalized a protocol for nesting and positioning of the baby	Achieved constant nesting and positioning of the baby : 'O' nest and flexed position	Re-evaluated	Finalized practice across unit
Enhanced accuracy of assessment	Created awareness and improve knowledge. Achieved consensus amongst nurses	All babies were in optimal position	Consistent practices Improved patients' outcome indirectly	Achieve consensus amongst nurses



Project Aim

To improve supportive positioning practices by 100% as evidenced by an IPAT score of more than 9 in all babies admitted to NICU.



Lessons Learnt

Continuously updating methods of care with evidence-based practices is essential. Adopting and standardizing an ideal position for babies as well as using a suitable tool to accurately assess and measure them, proved beneficial in effectively providing the best care for NICU babies.

To ensure staff cooperation in implementing the standard positioning of babies and adopting IPAT, it is crucial to maintain consistent awareness and facilitate knowledge sharing on current practices to ultimately enhance the quality of care provided to the babies consistently.



Outcomes & Impacts



Pre Implementation



Post Implementation

RESULT:

Pre-intervention data:
100% of babies (n=6) admitted to NICU has **IPAT score of 8 or less**

Post-intervention data:
100% (n=10) of babies admitted in NICU has **IPAT score of 9 or more**