

# **Rationale / Background**

Audit of golden hour (GH) practices identified the following problems:

- Increased rate of hypothermia in the DR (26%)
- Inconsistent and/or missing documentation
- Minimal or inconsistent family engagement

### **Pre-existing Admission Checklist**

- Outdated and not comprehensive
- Missing detail on family interactions
- Follow up debriefs not effectively prompted

# **Hierarchy of Aims**

#### **Global Aim:**

• Effective Transition from pre-delivery through to NICU admission

#### Improvement Project Aim:

 GH Admission Checklist completed for 90% of inborn infants <30 weeks gestation admitted to the NICU by December 2022.

#### Interim Aims:

- Create a draft GH Checklist with broad input from interprofessional team by January 2022
- Finalize GH Checklist by March 2022
- Educate minimum of 75% of admission staff by April 2022

# **Tests of Change**

#### PDSA Cycle 1 – Creating the Checklist

- Created tool inspired by other admission checklists • Tested with one admission.
- Feedback: duplication in charting, too cumbersome to document, too onerous for the nurse
- Checklist revised

#### PDSA Cycle 2 – Golden Hour Checklist Final

- Tested revised checklist with 3 admissions
- Determined most appropriate team member for
- completion, sign-off, and submission.
- Process for completion was not yet standardized.

#### PDSA Cycle 3 – Checklist Process Map

- Assembled team members to identify key steps in completion of checklist
- Developed Process Map to be used for orientation/education
- Need for extension of the process to include a routine debrief was appreciated

#### PDSA Cycle 4 – **Incorporate a Debrief**

- Created an abridged debrief template based on
- validated debriefing tools in the literature
- Currently developing education sessions for teams
- Goal-Launch by January 2023

120%

100%

80%

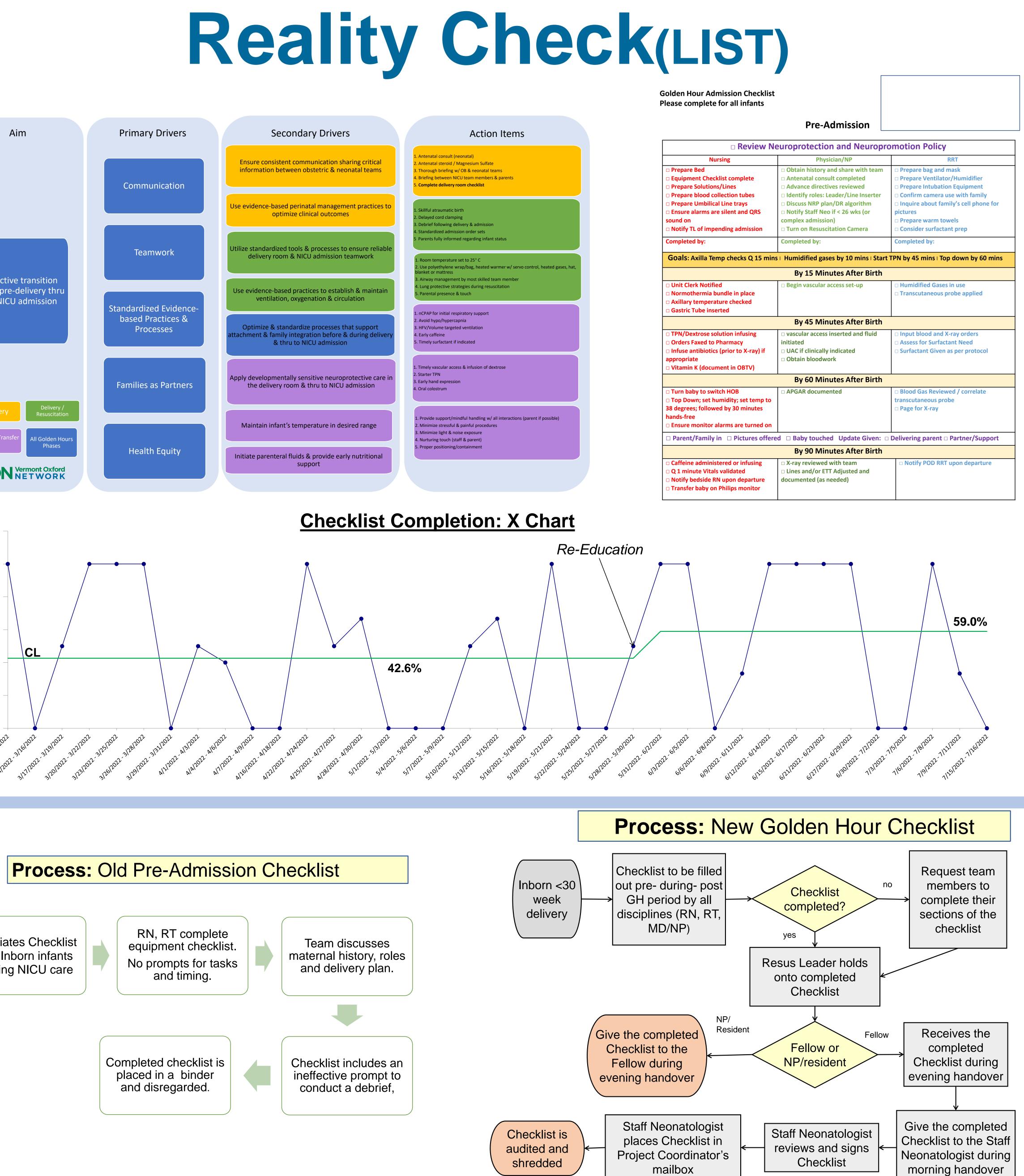
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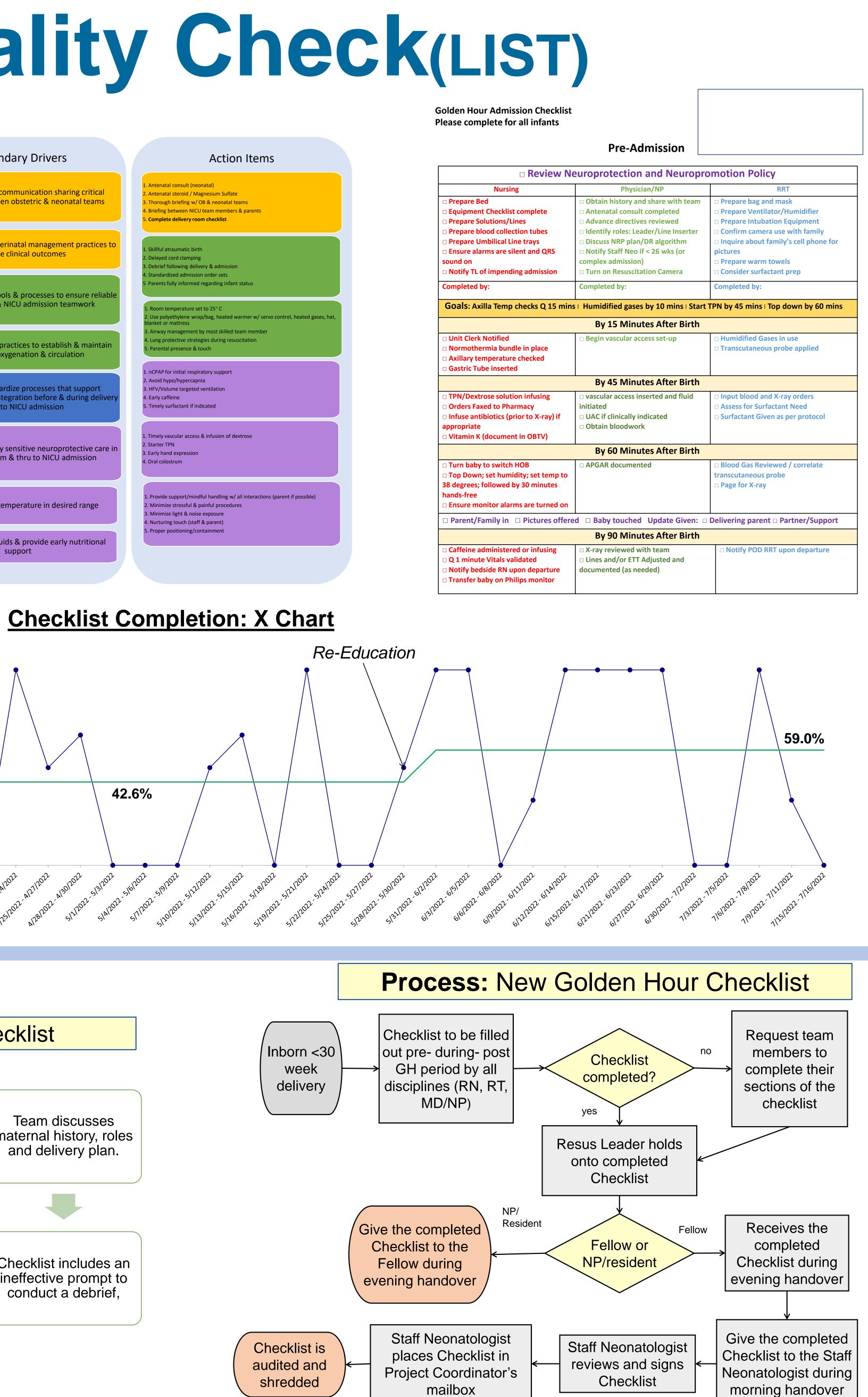
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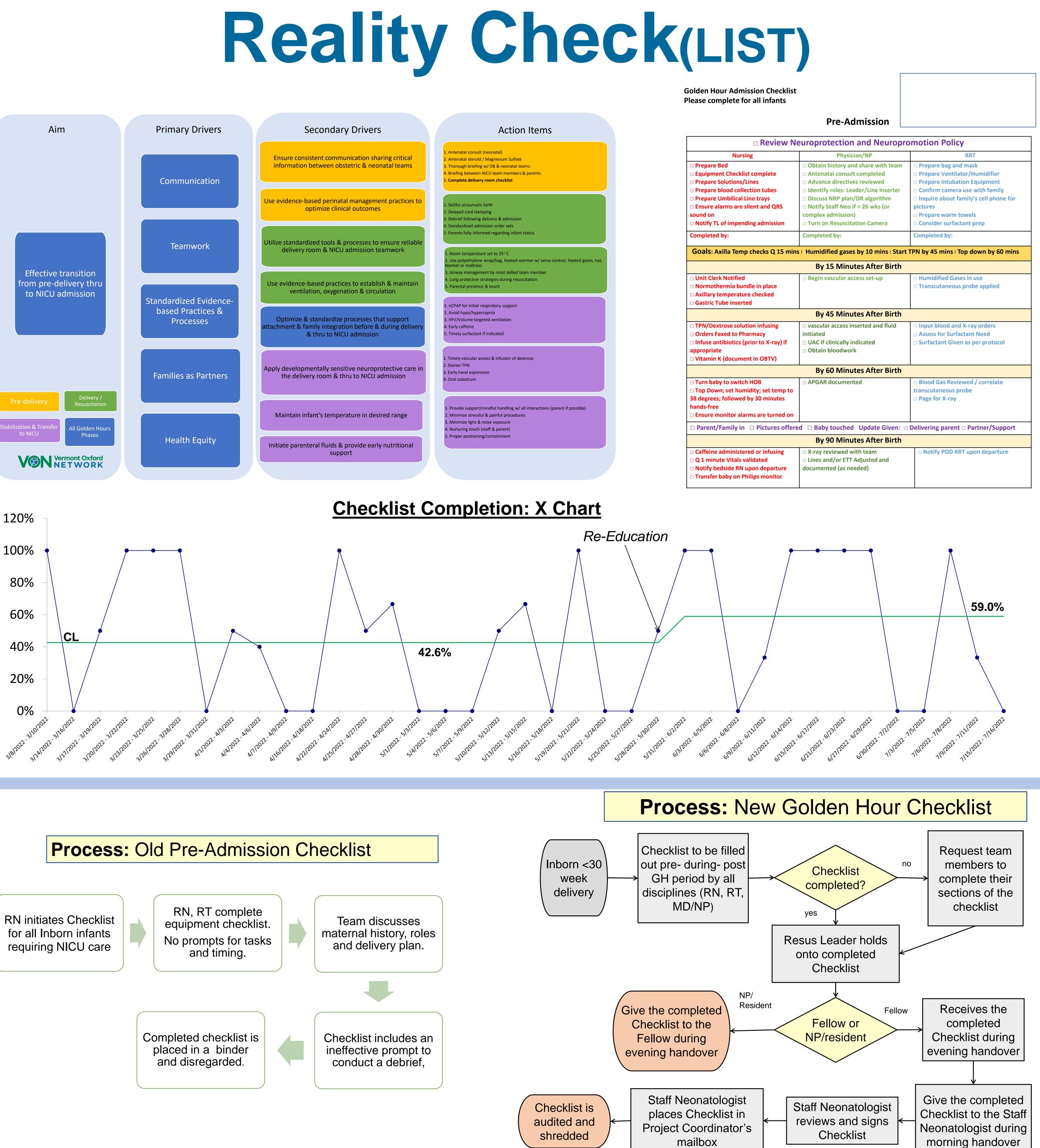
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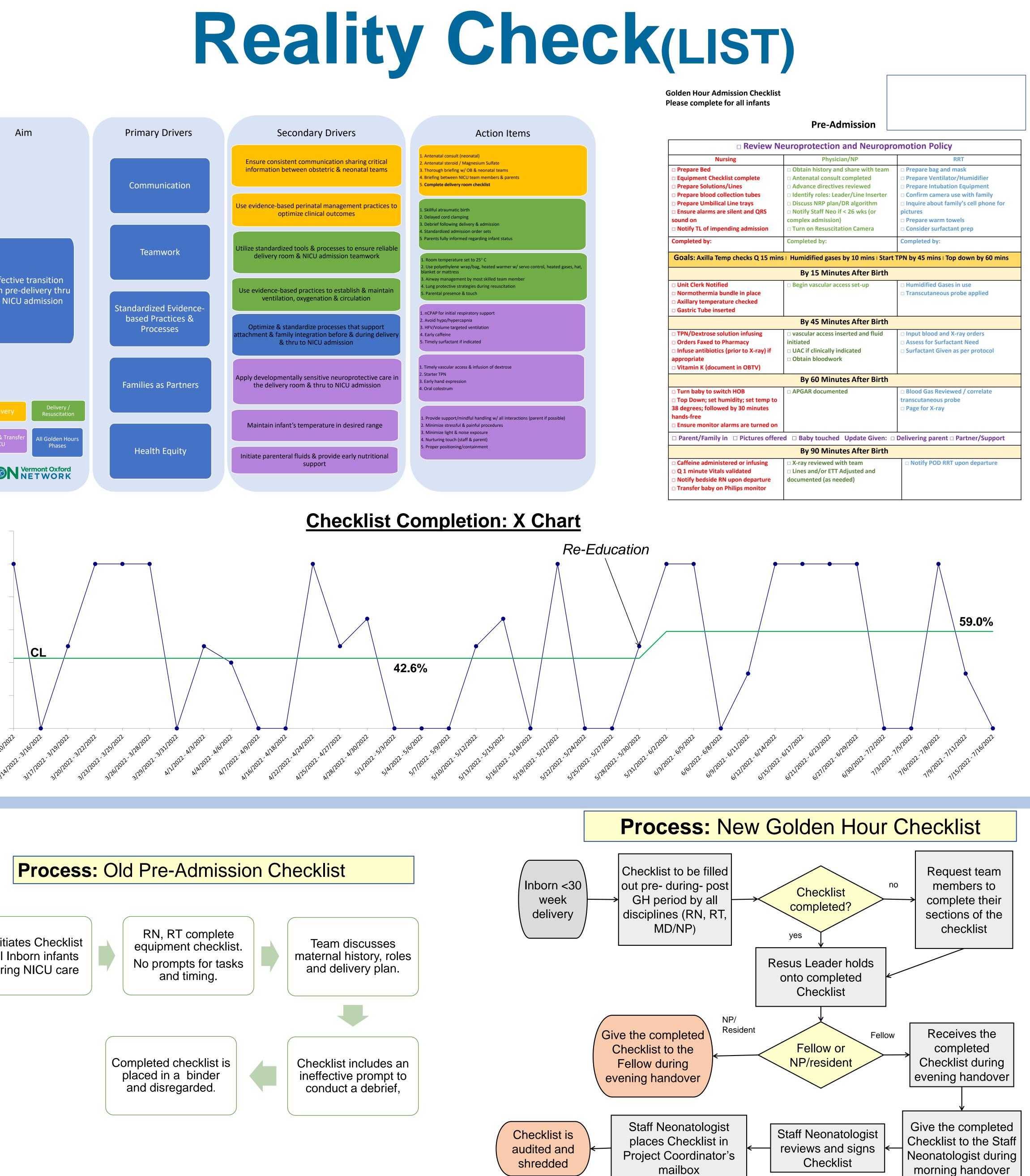
# Improving Standardization of Golden Hour Practices Through the Use of a **NEW Admission Checklist**

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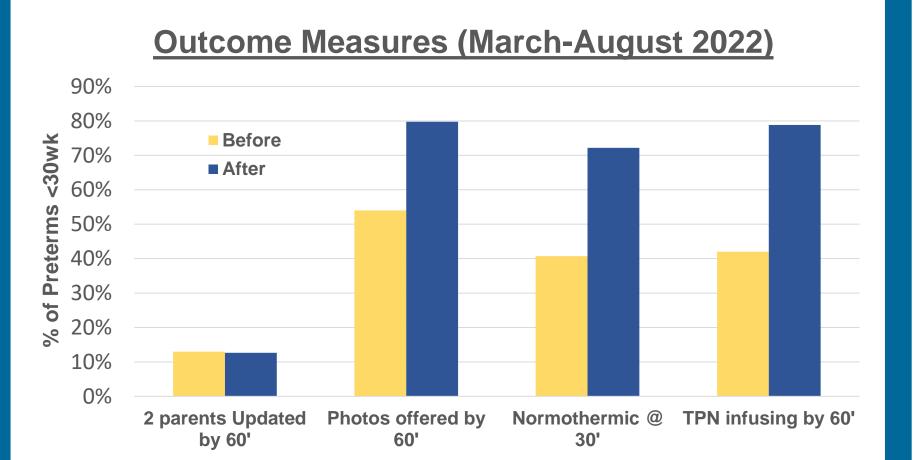






## **Outcome Measures**

- Rate of normothermia at 30 minutes
- 2. Rate of intravenous fluids initiated by 60 minutes
- 3. Percent of delivering parent receiving update within 60 minutes
- 4. Percent of families receiving photo record during the golden hour



# **Key Lessons Learned**

- Appreciation of the value of checklists to help standardize key clinical processes is essential for team buy-in
- The perception of workload associated with completing the checklist has affected the rate of acceptance of this tool by admission team members of all disciplines
- Rotational changes of neonatal fellows have negatively affected the consistency of checklist completion
- We have work to do regarding updating/documenting conversations with the delivering parent

# **Surprises and Challenges**

- We had thought that offering birth photos was inconsistent. To our surprise, our team is actually quite consistent with offering photo opportunities. It is important to remember that not all baseline data is good data.
- Lack of buy-in from more experienced team members. The addition of the debrief may increase the value-add
- Consistency and compliance are difficult to sustain.

#### **Team Acknowledgements**

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