**Background Context & Problem Statement**

Initiation of emergency treatment of sick newborn within 30 minutes will reduce mortality and provide timely treatment. Early treatment will reduce complications (like organ damage) thus reduces hospital stay of neonate. It reduces the financial burden of the family and as a whole cost of therapy.

**Statement**

- Early treatment will reduce complications (like organ damage) thus reduces hospital stay of neonate.
- It also reduces morbidity and long-term sequelae in neonate.
- It reduces the financial burden of the family and as a whole cost of therapy.

**Problem Identified**

- Delay in receiving the sick neonate in triage by Sisters.
- No Dedicated person posted in triage.
- Delay in processing of admission ticket.
- No Separate Emergency tray in triage hence delay.

**Aim**

To initiate emergency management of all Sick Newborn admitted in our SNCU before 30 minutes (from two hours now) within 8 weeks from current of 20% to 80% (within 30/04/2017)

**Baseline Data Collection**

To evaluate the incidence of hypothermia in current scenario and how to overcome this problem.

**Root cause analysis (Fish bone)**

- **Fish Bone Analysis**
  - **MEASURES**
  - **PEOPLE**
  - **PROCESS**

**Materials**

- **Referral to Triage and Initiate Treatment**
  - **Staff**
  - **Equipment**

**Driver Diagram**

**PDSA Cycle 3**

- **PDSA-I**
- **PDSA-II**
- **PDSA-III**

**PDSA Cycle 1**

**PDSA Cycle 2**

**PDSA Cycle 1** assigning responsibility in each shift of Doctors and Nurses

**Corrected Process flow Chart**

**Run Charts on base line data**

**Monthly comparison of outcome (Discharge Vs Death)**

Our observations...

1. On duty Doctors and Nurses of Evening and night shift are inspired.
2. Implement these change ideas to other shifts (Evening & Night) soon by sharing the success story among other health professionals and leadership of Hospital.

**Key Message**

- Sustainability is a big challenge.
- Needs continuous supervision.
- Needs motivation of Nursing Staffs and Doctors.