

The National Pediatric Cardiology Quality Improvement Collaborative

KEY DRIVER DIAGRAM

Revised August 31st

Change Strategies

Key Drivers

Aim

Improve survival and optimize quality of life in infants between discharge after Stage 1 Norwood and admission for Bidirectional Glenn

Care Transition:
Discharge Protocol &
communications

Optimize nutritional status
during interstage period

Care Coordination with
parents and medical home:
including interstage
surveillance for changes in
cardiovascular status

- Assign staff to coordinate discharge for each patient
- Utilize a checklist to prompt and document standard discharge process
- Provide parents/caregiver with written action plan including:
 - Medications
 - Nutrition /Feeding plan
 - Home monitoring plan (O2 sat, intake, weight)
 - Red Flag plan - when to call cardiology team and who to call
- Send written action plan to medical home, and outpatient cardiologists (Include immunization issues).
- Discharge and monitoring materials are culturally and language appropriate
- Talk-back methods used for teaching at discharge and clinic visits for medications, feeding plan, cardiac status.
- Document family ability to obtain medications and refer for additional resources as needed
- Follow-up appointments (cardiology, CT surgery) made and given to parents

- Assess nutritional status at every clinic visit
- Adjust target goals for infant nutrition at each clinic visit (daily Kcal; weight targets)
- Provide nutritional plan to families and medical home as part of overall management plan (see above)
- Discuss feeding/intake at each visit with parents to assess progress towards goals
- Involve nutritionist (at every clinic visit vs as needed)
- Home monitoring of intake and weight. Include Red flag indicators

- Home Monitoring (daily O2 sat, daily wt, intake)
- Red Flag action plan
- System for rapid medical response to Home Monitoring data and/or to Red Flag events
 - Parents know when to call, and whom to call
 - Cardiology program is prepared to act on calls
- Review action plan and update red flags with family at every visit
- Provide updated medical home action plans after every visit