Improving Transitions of Care for Newborns Requiring Home Phototherapy Through Innovation & Collaboration

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**Plan**

Improve transitions of care for newborns requiring home phototherapy by:
- Providing skilled nursing services through Home Care
- Changing the phototherapy modality from the BiliBed to the BiliSoft which provides more intense home phototherapy & is easier to administer

**Do**

- Engage SCH Home Care and CentraCare Peds in a pilot project providing skilled nursing services for newborns with home phototherapy
- Secure ~$11,000 from Employee Campaign for home BiliSoft

**Check**

Feedback from home care pilot participants:
- “Great service!”
- “It was wonderful not to have to leave the house. I hope other moms can get this in the future.”
- “So helpful not to have to leave home for this single blood draw. I have 2 other kids at home and this saved everyone.”

Cost savings due to decreased length of acute care stay for 17 newborns in the first 2 ½ months (Feb-March 2016) of home BiliSoft utilization: >$50,000

**Act**

Design standard workflows:
- Care transitions after discharge from SCH
- Roles and responsibilities
- Tracking home BiliSoft equipment

Plan for Spread:
- Include additional Peds Home Care staff
- Expand clinic involvement to include: St. Cloud Medical Group, Sartell Peds, Family Health Center & HealthPartners Clinic
- FBC Leadership approved purchase of 4 additional home BiliSoft units – April 2016

SCH 30-day readmissions for newborns with hyperbilirubinemia continue to decrease year over year

**References**


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**Team Members**

- Carla Bieniek, RN – SCH Case Manager
- Abby Boelter, LPN, IBCLC – CentraCare Plaza
- Kristy Husen, PT – Director, SCH Home Care
- Jenny Joslin, RN – SCH Home Care
- Dr. Kathy Kulus – Pediatric Hospitalist
- Dr. David Kruse – CentraCare Peds
- Kristi Patterson, RN – PIVA
- Sarah Schindler – Centracare Plaza Director, Peds & Adolescent Medicine
- Marian Seliski, RN – Coordinator, Home Care

**Timeline**

- Engage SCH Home Care
- Implement SCH Home Care & CentraCare Peds Pilot
- Implement home BiliSoft phototherapy equipment

**August 2014**
- Engage SCH Home Care

**February 2015**
- Implement SCH Home Care & CentraCare Peds Pilot

**February 2016**
- Implement home BiliSoft phototherapy equipment

SCH Home Care staff and Carla Bieniek, RN Case Manager with newly purchased home BiliSoft equipment