KEY DRIVER DIAGRAM

Revision Date:
12/7/2016

Project Name:
Improved screening for 22q11 deletion in patients with Tetralogy of Fallot (ToF)

Project Leader:
S. Saleeb, T. Saarel, R. Komarlu.

SMART AIM

Increase screening for 22q11 deletion in patients with ToF to 100% at all QNet participating pediatric heart centers by December 31, 2017

GLOBAL AIM

To provide appropriate counseling, multi-disciplinary care, and early intervention services for patients with 22q11 deletion. To improve neurodevelopmental outcomes.

KEY DRIVERS

- Identification of patients with ToF who require 22q11 screening
- Increase knowledge of providers and patients about importance and benefit of genetic screening for 22q11 in patients with ToF
- Appropriate testing and referral of patient requiring screening
- Documentation of ToF and genetic testing results with results to carry through in problem list / patient history

INTERVENTIONS

- Identify patients with ToF and determine if 22q11 testing has been performed prenatally or postnatally.
- Implement site specific means of ***flagging/testing*** 22q11 in patient
- Develop educational program for parents to increase awareness of importance of genetic screening for 22q11 deletion in patients with ToF and to increase knowledge of available resources
- Develop educational program for pediatric cardiologist regarding need for 22q11 testing
- Establish and implement clinical pathway tool and order set for patients with ToF to include genetic screening for 22q11 deletion and genetics consult