Thrive by Five Collaborative

Hopple Street Neighborhood Health Center

Improving Lead Screening

Team Hopple

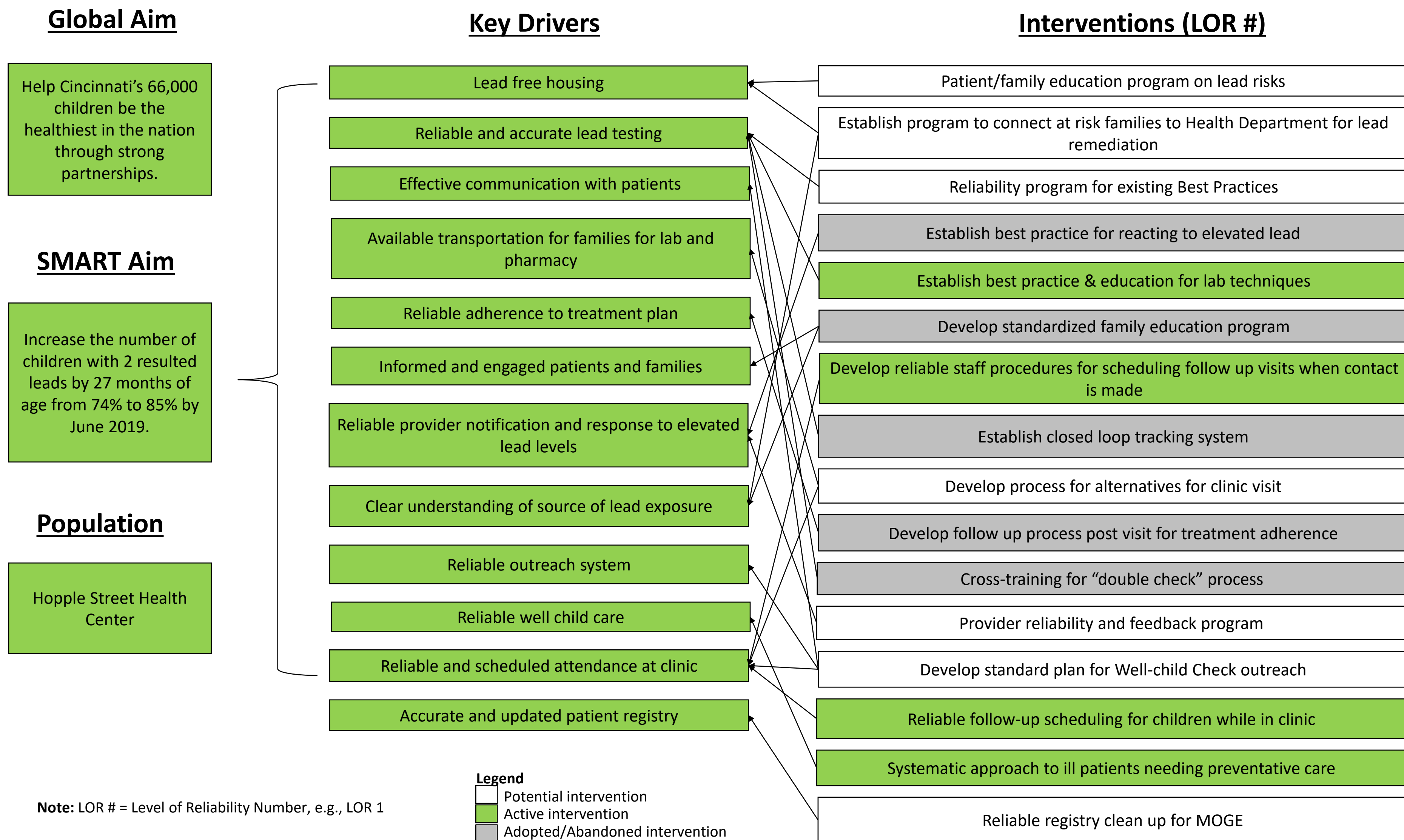| TEAM MEMBERS		
Last Name	**First Name**	**Role**
Burkhardt*	Mary Carol	MD
Mescher*	Anne	RN

*Team Leaders

SMART AIM
Increase the number of children with 2 resulted leads by 27 months of age from 74% to 85% by June 2019.

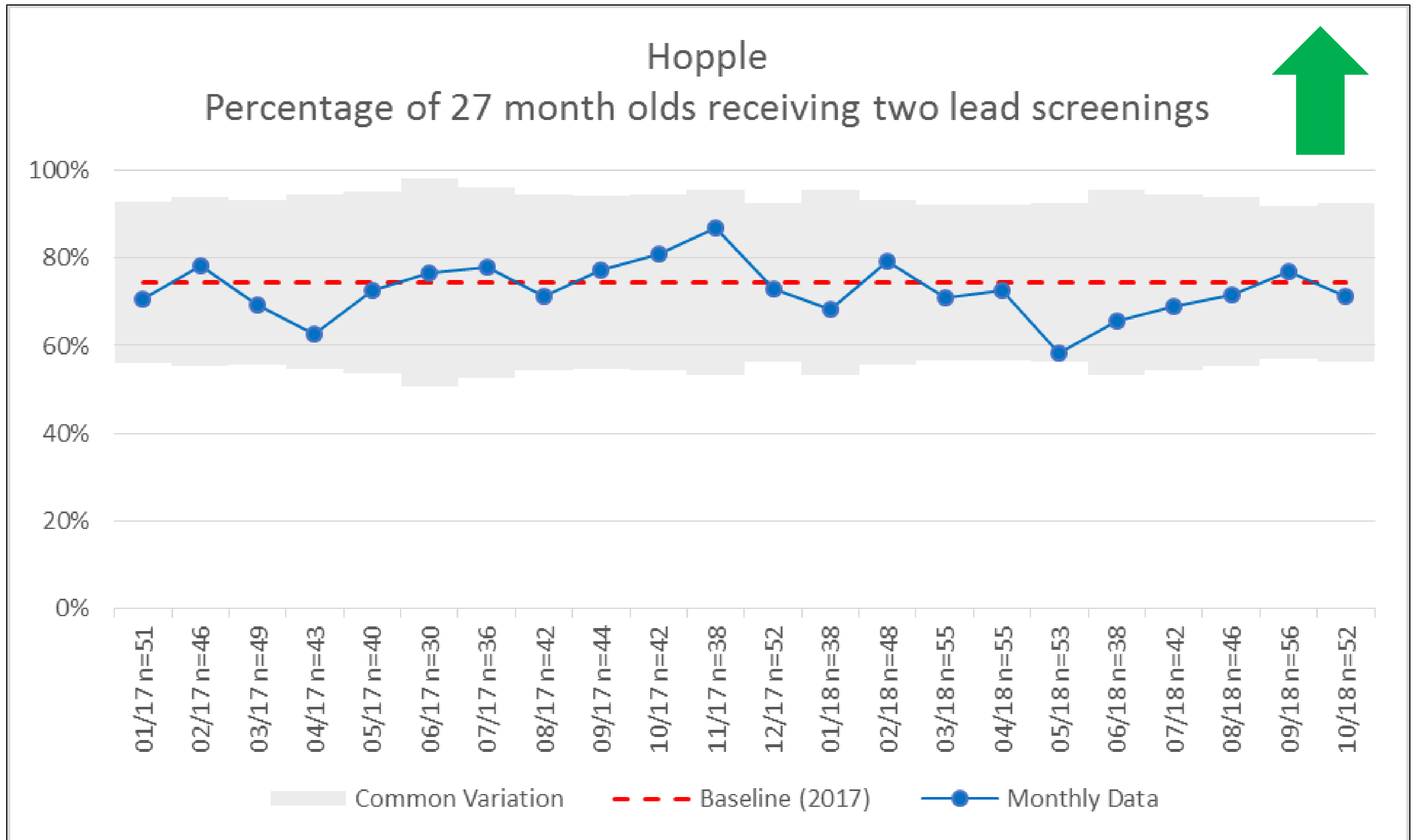# Reducing Lead Levels at Hopple Street Health Center
Key Driver Diagram (KDD)

Cincinnati Children's — changing the outcome together

Project Leader(s): Anne Mescher, RN, Mary Carol Burkhardt, MD

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Global Aim

Help Cincinnati's 66,000 children be the healthiest in the nation through strong partnerships.

SMART Aim

Increase the number of children with 2 resulted leads by 27 months of age from 74% to 85% by June 2019.

Population

Hopple Street Health Center

Key Drivers

- Lead free housing
- Reliable and accurate lead testing
- Effective communication with patients
- Available transportation for families for lab and pharmacy
- Reliable adherence to treatment plan
- Informed and engaged patients and families
- Reliable provider notification and response to elevated lead levels
- Clear understanding of source of lead exposure
- Reliable outreach system
- Reliable well child care
- Reliable and scheduled attendance at clinic
- Accurate and updated patient registry

Interventions (LOR #)

- Patient/family education program on lead risks
- Establish program to connect at risk families to Health Department for lead remediation
- Reliability program for existing Best Practices
- Establish best practice for reacting to elevated lead
- Establish best practice & education for lab techniques
- Develop standardized family education program
- Develop reliable staff procedures for scheduling follow up visits when contact is made
- Establish closed loop tracking system
- Develop process for alternatives for clinic visit
- Develop follow up process post visit for treatment adherence
- Cross-training for "double check" process
- Provider reliability and feedback program
- Develop standard plan for Well-child Check outreach
- Reliable follow-up scheduling for children while in clinic
- Systematic approach to ill patients needing preventative care
- Reliable registry clean up for MOGE

Legend
- ☐ Potential intervention
- 🟩 Active intervention
- ⬜ Adopted/Abandoned intervention

Note: LOR # = Level of Reliability Number, e.g., LOR 1

Team Hopple: Run Chart

Hopple
Percentage of 27 month olds receiving two lead screenings

Collaborative average: 62%

Team Hopple

- Closed loop communication for abnormal leads

- Capturing overdue patients in clinic at any visit

- New electronic alert for previous elevated lead