QI Project: Increasing Rates of Developmental Screenings for NeoMed Patients

NeoMed QI: Improving Developmental Screening Rates

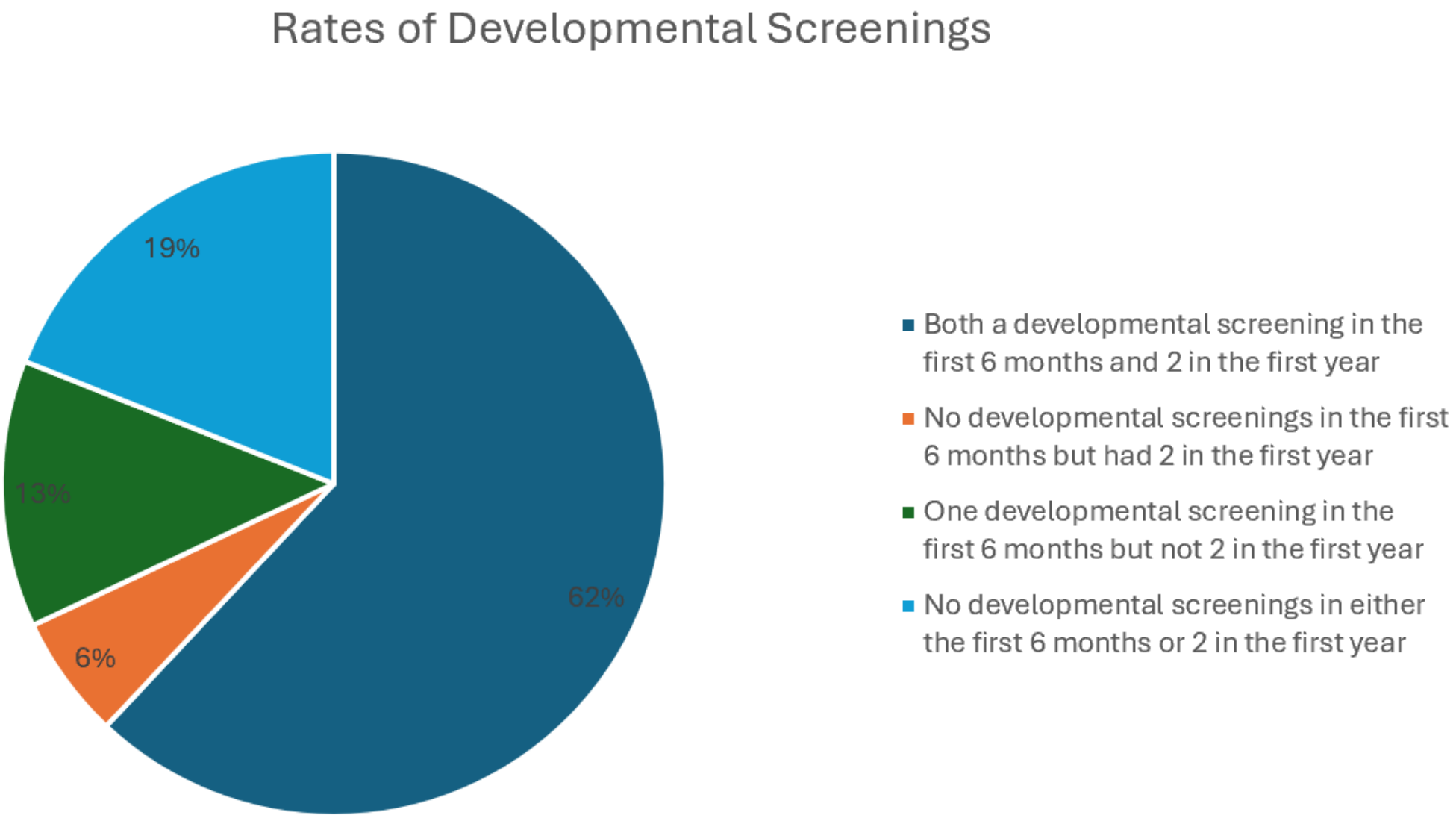
NeoMed Patients

- Increased risk of developmental delays
- Selective developmental screenings at
  - ~ 4 months (one before 6 months of age)
  - 7-9 months (two within first year of life)
  - In addition to standard screens at 9,18 and 30 months (by PCP)

My Approach

- Identify drivers of missed screening
  - Chart review
  - Interviews of NeoMed and NICU staff and PCPs
- Discuss potential interventions with NeoMed and NICU staff and PCPs to assess for the likelihood of their success

Chart Review

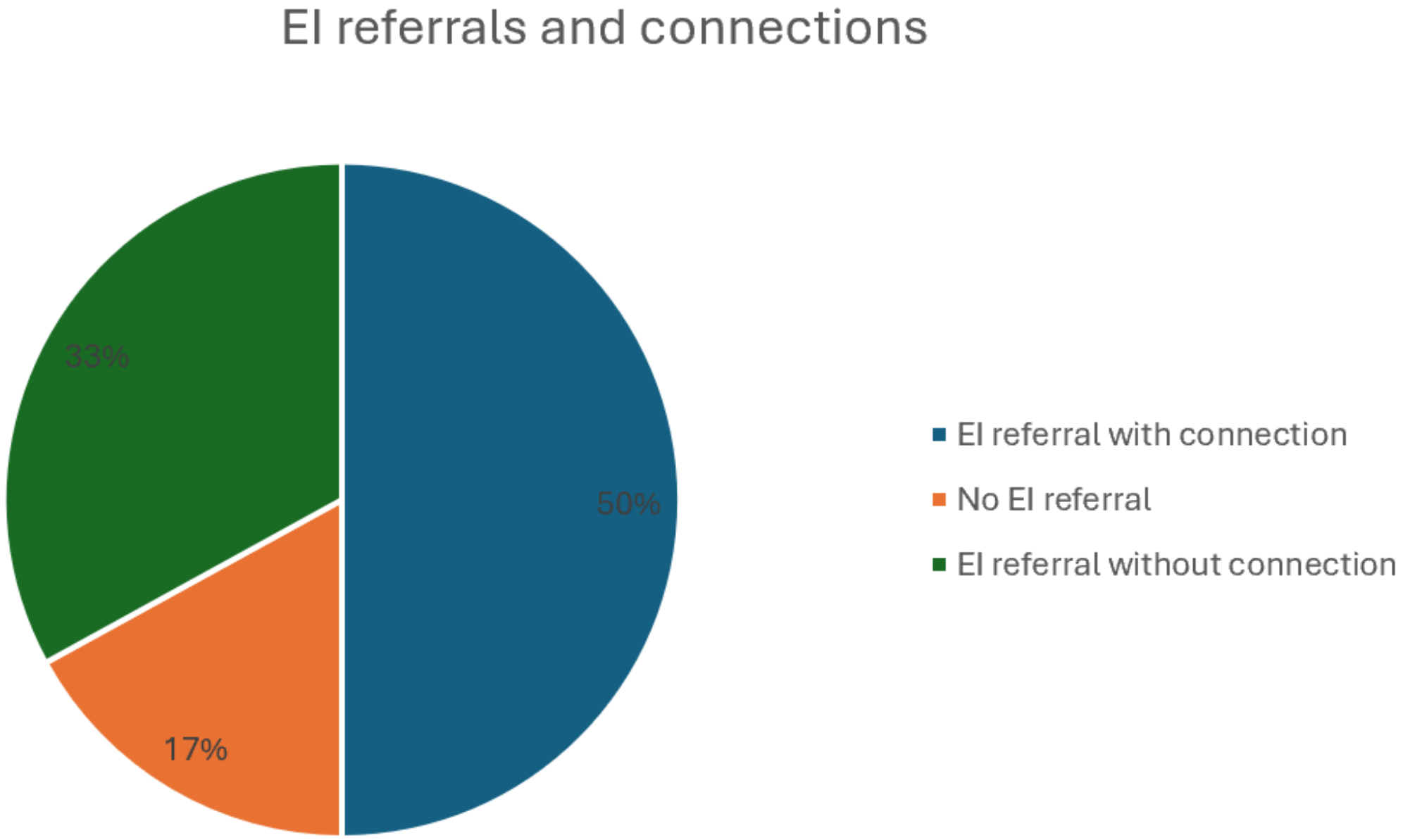


EI referral/connection rates

among those that missed proper follow up

- 15/30 (50%) had EI referrals with connection, received services.
- 5/30 (17%) had no EI referrals.
- 10/30 (33%) had EI referrals with no connections documented.
- 7/30 (23%) were from New York (in comparison to the general pool of patient where 15/79 (18%) were from New York).

Chart Review



Drivers Identified – Chart review and interviews

- Attended NeoMed visit:
  - ASQ's occurring just after 6 or 12 months (37%)
  - Missed ASQ at NeoMed visit (20%)
- Missed NeoMed appointment:
  - Parents believing patient does not need NeoMed follow up
  - Complex medical history with multiple subspecialties involved
  - Social determinants of health (transportation, phone availability, other life demands)

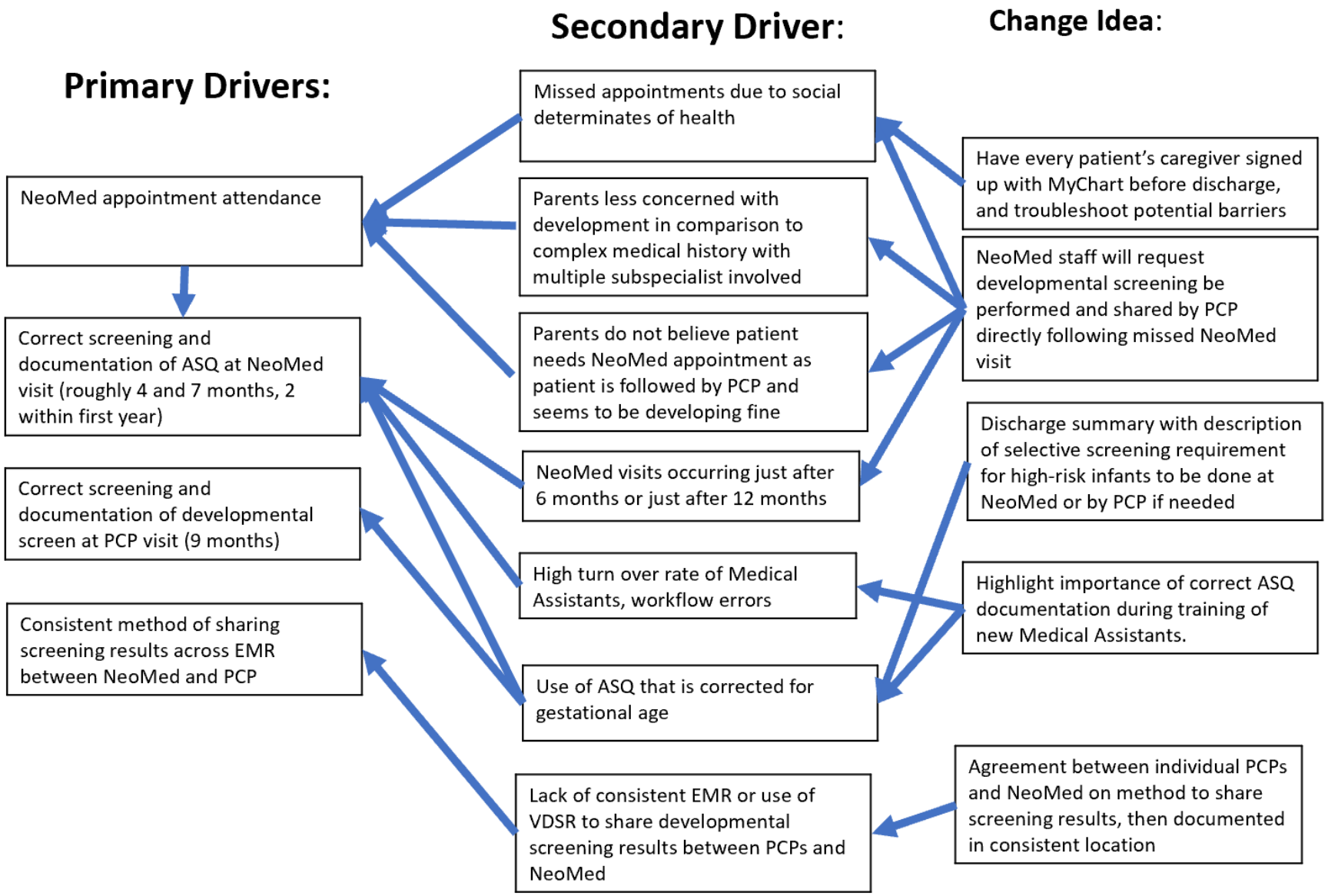
Drivers Identified – Chart review and interviews

- Attended PCP visits:
  - PCP workflow/documentation error (7%)
  - Communication between NeoMed and PCP (20%)

Driver Diagram

Strategic Aim:

We will increase the rate of completion of 2 developmental screenings performed during the first year of life and 1 developmental screening screening within first 6 months of life for infants followed by NeoMed from 62% to 10% greater than current rates by May 2025 by improving communication with and recruiting additional help from primary care pediatricians in the follow up screening process.



Change Ideas – Group Discussion

1) Ensure all caregivers are signed up with MyChart prior to discharge
2) Automated inbox message to RN's if caregiver cancels NeoMed appointment through text, email or phone

3) As soon as patient misses NeoMed clinic, reach out to PCP with a standardized message and request they perform developmental screen at next visit and share result with NeoMed Clinic
4) NeoMed will document these results in patient's next NeoMed visit note
5) Establish best method for documenting developmental screening results with each PCP

6) Incorporate in discharge summaries patients' selective developmental screening requirements

Next Steps – Group Discussion/Feedback

- Reach out to Epic team for inbox adjustment
- Finalize standardized communication with PCPs for missed NeoMed visits
- Review Discharge Summary template with PCPs
- Discussion with EI coordinators in January

Template for communication with PCP

- Our shared patient met criteria for NeoMed follow up given ***. Please see their NICU discharge summary for more information. Given their history, they are at higher risk of a developmental delay and are therefore indicated to receive a developmental screening at 4 months of age and another at 7-9 months. They have missed their appointment with our office, and their developmental screening. Given the time sensitive nature of detecting any developmental delay, we ask if your office can perform a developmental screening (ASQ-3 preferably) at their next visit. Please communicate with our office the best method for sharing results and confirm that they have been received by our team.