

A TB Contact Investigation in a Neonatal Intensive Care Unit in Toronto, Canada

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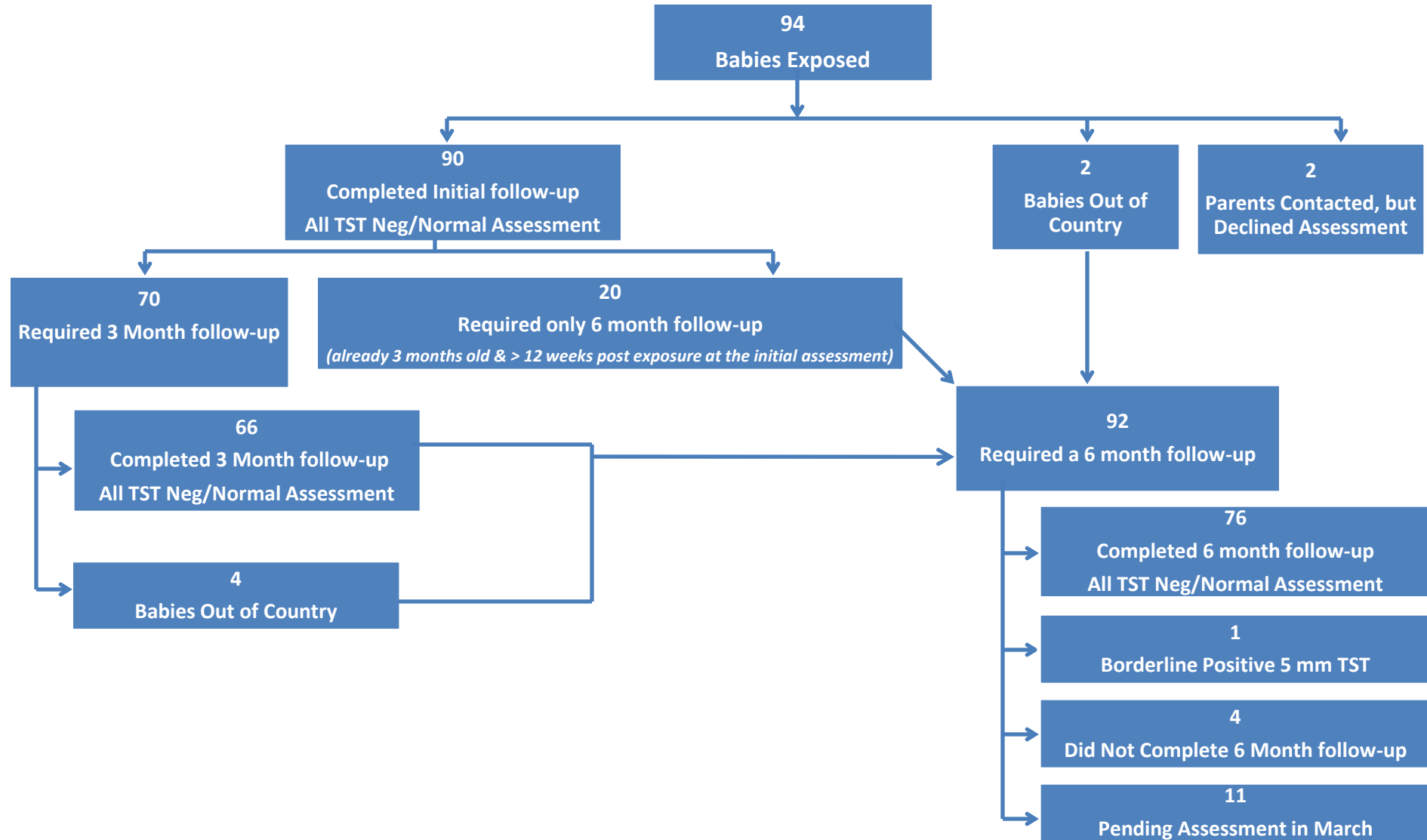


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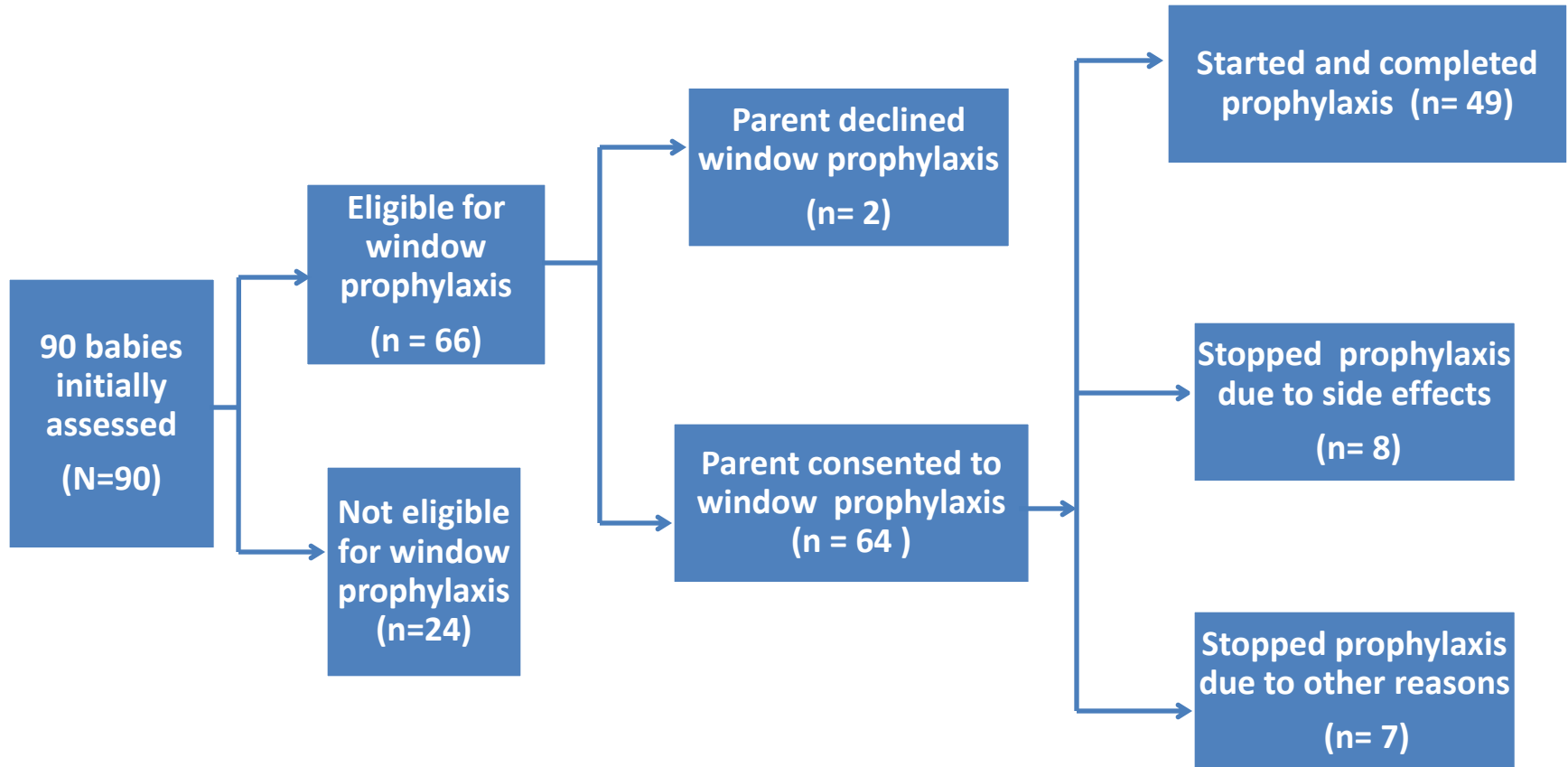
Background

- NICU nurse diagnosed with pulmonary TB (smear -, culture+, fully sensitive, opacities on radiology, hemoptysis)
- Hospital where she was employed, TPH and SickKids TB clinic collaborated over the last 6 months
- 94 babies were exposed between April – July 2012
- On site clinics were held at the hospital: physical assessments, TST, CXR, LFTs, window prophylaxis
- TSTs done at initial, 3 month & 6 month assessment

Results: NICU Screening



Results: Window Prophylaxis



- Low risk of transmission in this situation, but highly vulnerable population
- No clear evidence of transmission
- Keys to successful follow-up were:
 - Collaboration between all key stakeholders
 - Hospital took ownership – support from senior administration
 - Clear and consistent lines of communication
 - Agreed upon clinical pathways
 - Flexibility to accommodate the many diverse needs of the families
 - Use of interpreters
 - Enablers to facilitate attendance at follow-up appointments
 - Evening clinics and home visits