

“Something is wrong and I know it”

Decreasing Time From Abnormal Ultrasound Result To Maternal Fetal Medicine Consult in FHA

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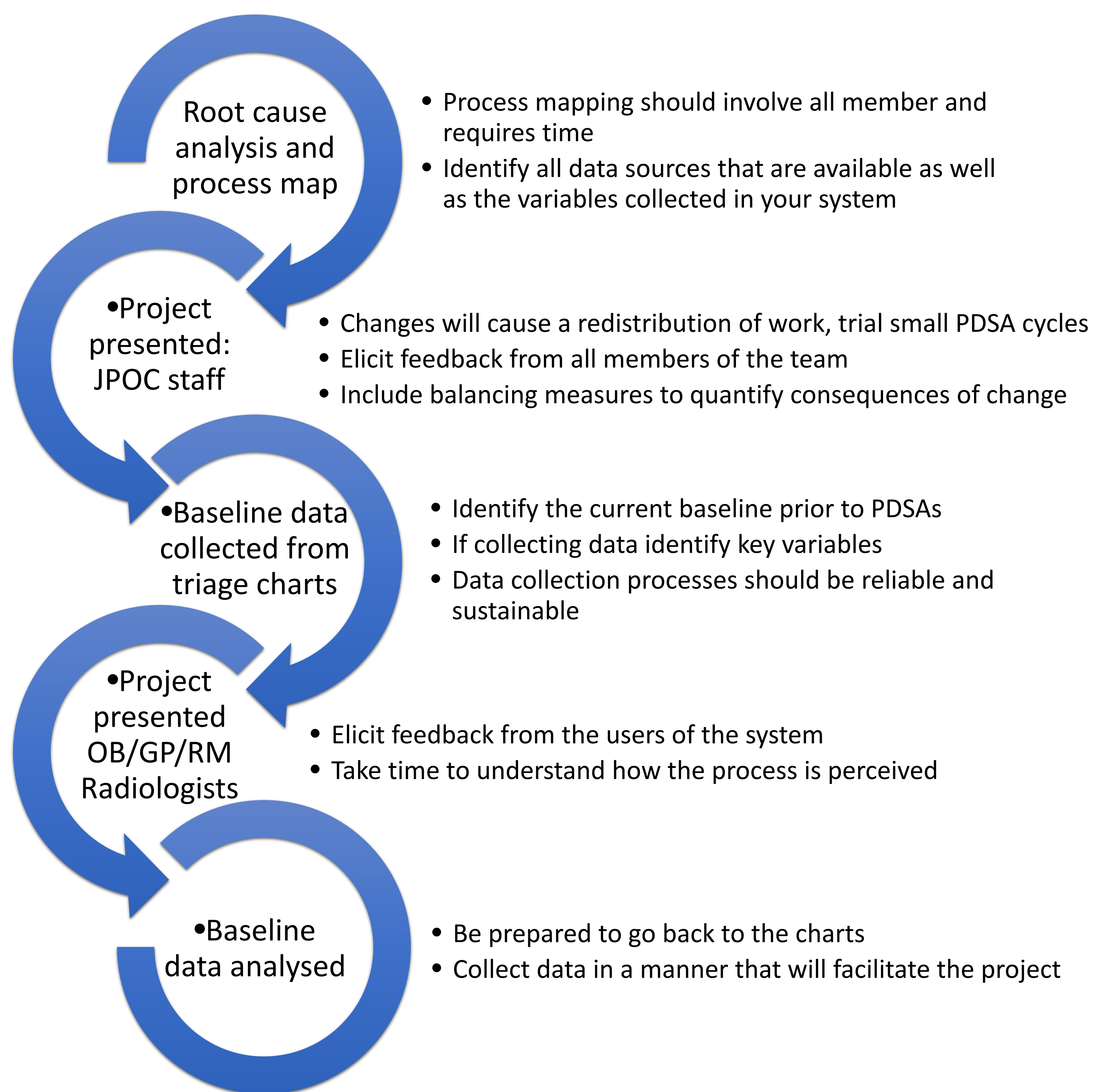
Aim

Decrease time from a new abnormal ultrasound result to Maternal Fetal Medicine (MFM) consult in the Fraser Health Authority (FHA) to < 1 week by June 2019

Background

- Each year **over 15,000 babies** are born within FHA
- The MFM team at Jim Pattison Outpatient Clinic is the **sole referral** center for abnormal pregnancies in FHA
- There is currently **no official target time** from abnormal result to consult, ideally the referral is instant

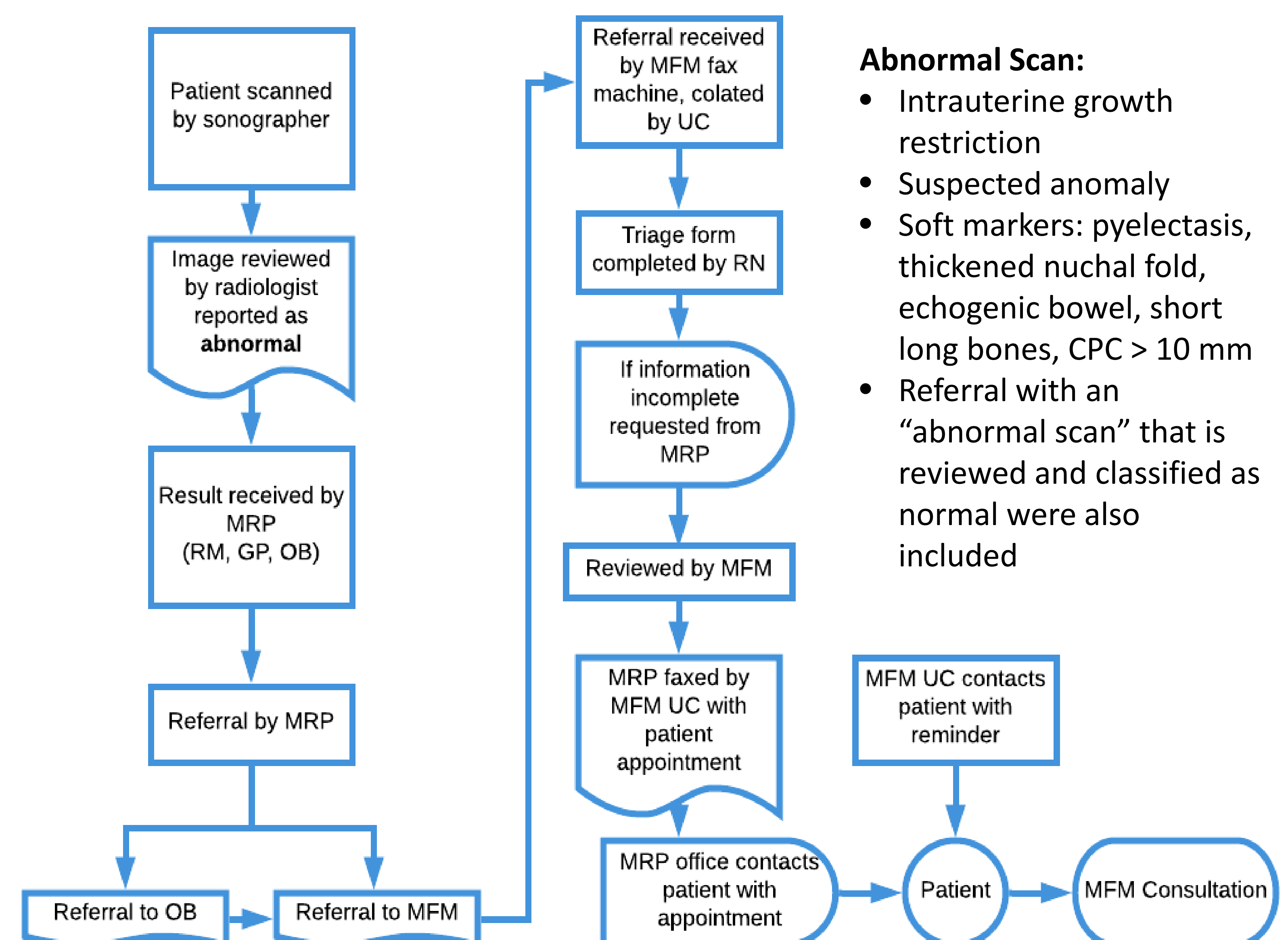
Project Design and Lessons Learned



Change Ideas

Idea	Status
Redesign referral form to include clinician education	<ul style="list-style-type: none"> • Online review of MFM forms completed • Provider survey pending
Redesign triage form	Draft one completed
Direct patient appointments	Pending team review
Increase availability of US by adding machine at RCH	✓

Results



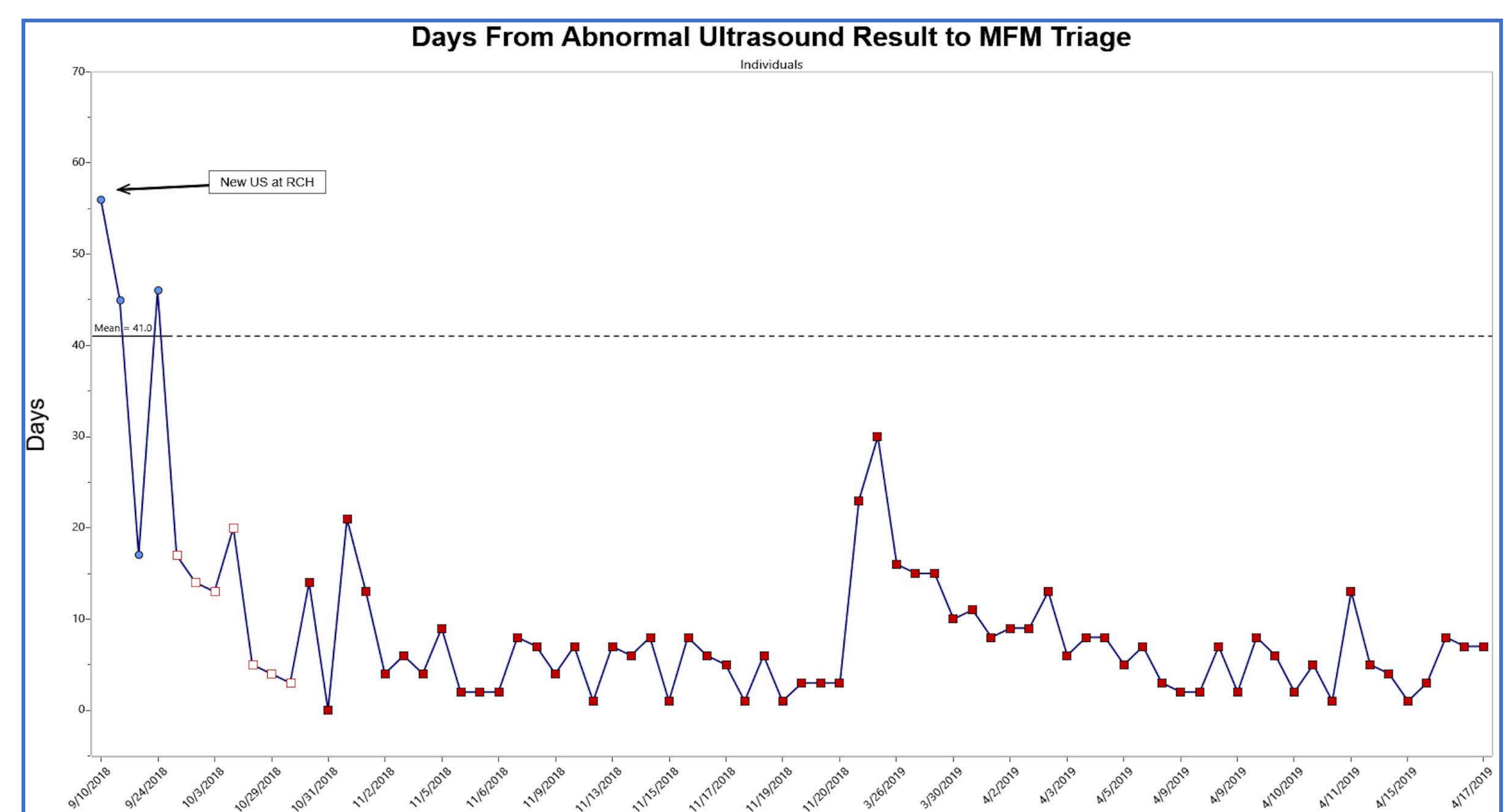
- Abnormal Scan:**
- Intrauterine growth restriction
 - Suspected anomaly
 - Soft markers: pyelectasis, thickened nuchal fold, echogenic bowel, short long bones, CPC > 10 mm
 - Referral with an “abnormal scan” that is reviewed and classified as normal were also included

Baseline Data

Total referrals (Oct – Nov 2018) (#/week)	110 (18/week)
Referrals for abnormal US (#/week)	49 (8/week)
Baseline median time from abnormal US to MFM triage	6 days

Post Implementation of US at RCH

Number of referrals (Apr 8 – 24 2019)	97 (32/week)
Number of referrals for abnormal US	33 (11/week)
Mean time from abnormal US to MFM referral	7.4 days



This control chart demonstrates the implementation of the first change idea (implementing a new US machine in RCH) and its effects on time to MFM consultation.

Team Members:

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 Medical Sponsor: Dr. Kirsten Grabowska
 Administrative Sponsor: Dr. Jason Burrows
 Nurse Lead: Ms. Lisa Mitchell
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