Gestating & Rebirthing a Community-based Maternity Program – A System-wide Partnership





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SELAM!

Background

- U.S. with rising maternal mortality rate
- Many factors contribute including decreased access
- High fixed costs & decreasing reimbursement challenge the sustainability of low volume maternity units
- Patient safety and quality affected by:
- ↓ delivery volumes preventing maintenance of competencies
- $\circ \downarrow$ access secondary to fewer maternity units
- Volume and distance are often indirectly related
- Recruiting and retaining talent to low volume institutions is a challenge
- Conversations & literature address these concerns yet guidance on how to sustain these units is limited
- The UMMHC HealthAlliance-Clinton Hospital Birthing Center was focus of a Harvard School of Public Health case that outlined related problems. Solutions to revive it are sought for medical care of the community and financial health of the clinical system.

Objective

This project aims to improve Maternal-Child Services at UMMHC HealthAlliance-Clinton, inclusive of the inpatient birthing center and the ambulatory OB/Gyn Community Medical Group, through delivery of respectful, evidence-based, high-quality care, resulting in exemplary patient and provider experiences that increase delivery volume and mitigate a top driving financial loss (\$4.7m annually) to the hospital system.

Approach

- Perform market analysis, benchmarking, and focus groups to identify strengths & opportunities
- Establish data collection approach & track relevant metrics monthly
- Hire obstetric care providers (Ob/Gyn & Family)
- Improve quality and re-initiate trial of labor offering (all pass e-module series, code drills, TeamSTEPPS, update policies/procedures)
- Improve quality and marketability by establishing on-site MFM consultation and ultrasonography
- Institute real-time discharge survey to augment Press-Ganey info on patient & provider experience
- Establish facilities plan for physical plant refresh
- Design & implement marketing/branding campaign

Results



Standards of

Respect

Daily huddles

Idea board

Town hall

Regular

meetings

Newsletters

UMMHC

Connection

System-wide

multidisciplinary

Core Group

Committee

Cross-system

orientation

Figure 2: Marketing Campaign

nursing hi-risk

Steering

integrated efforts:

Relentless Team, Team Quality **Building & Improvement &** Communication **Harm Reduction**

Code drills

EFM & PPH

TeamSTEPPS

grant funded

Physician Quality

network (PNQIN)

modules

Officer

MA quality

Tele-NICU



Access & Services



Focus Groups

Internal

Press-Ganey Pt &

Provider Surveys

discharge survey

Meet & Greets

Physical Plant & Community & Equipment Market Share

Baby warmers

Bassinettes

Maternity

Architect &

contractor for

refresh engaged

reserved parking



Branding & Marketing Excellence

• 'Oh Baby Do We

Deliver'

campaign

Focus Groups

Multi-media

stories

advertising

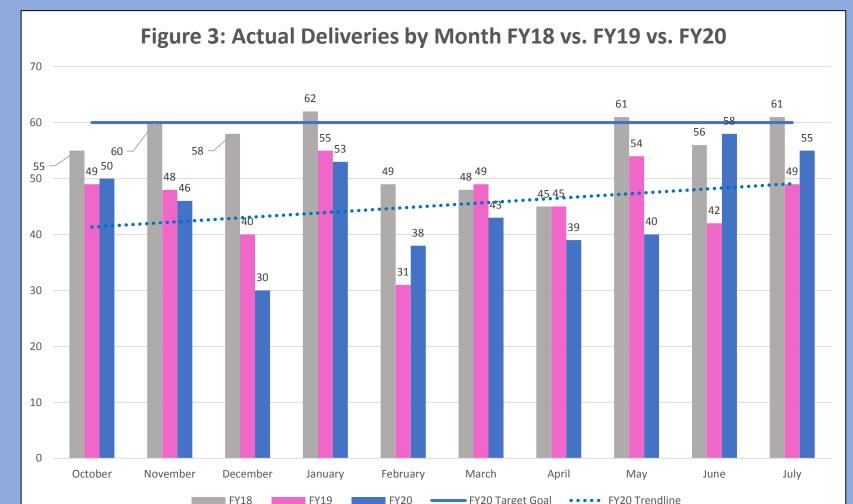
Augment positive

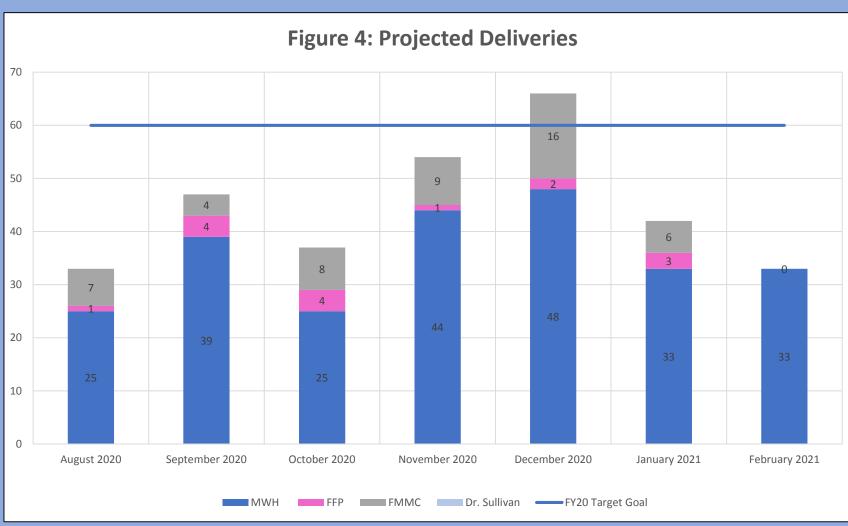
Discussion

- Significant efforts invested by system-wide core team with associated accomplishments realized
- Obstetrics associated with ~9 mos interval from initiative to realized impact (and causality difficulty to ascribe)
- Upward trendline in actual FY2020 deliveries towards goal of 60/mos with projection of achieving 60+ deliveries in Dec 2020
- Quality efforts resulted in on-site ambulatory MFM care and approval to reinitiate TOLACs but not offered yet
- Real-time surveys associated with positive feedback; increase in positive stories; both being distributed through marketing & public relations campaign
- Significant challenges encountered which have delayed initiatives & anticipated progress:
 - COVID-19 pandemic
 - Nursing union contract negotiations
 - Late start new physicians; limited nursing and surgical tech staff

Conclusion

If you're expecting, you're in the right place.





Results

- Multifaceted project launched with accomplishments achieved in all domains (Figure 1)
- Focus groups completed and analyzed with results incorporated into recovery plans
- Quality efforts actively implemented resulting in:
- Approval to reinitiate TOLAC
- Approval for on-site MFM consults and US
- Public relations, marketing and branding campaign initiated (Figure 2)
- Relevant metrics identified and tracked monthly 60 deliveries/month goal established
 - Figure 3 actual deliveries per month
 - Figure 4 projected deliveries through 2020

Significant investment of efforts and finances have resulted in the implementation of initiatives designed to revive a community maternity/birthing center. Metrics correlate with improvement in delivery volume towards initial goal. Additional improvements needed in delivery volume, quality, patient/provider experiences, and finances for sustainability.

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OH, BABY - DO WE DELIVER

Physician hires

Volume & other

data tracked

On-site MFM

services (Fall

2020)

TOLAC approval