

A TALE OF TWO FACILITIES

HYPERTENSIVE DISORDERS OF PREGNANCY AND BREASTFEEDING



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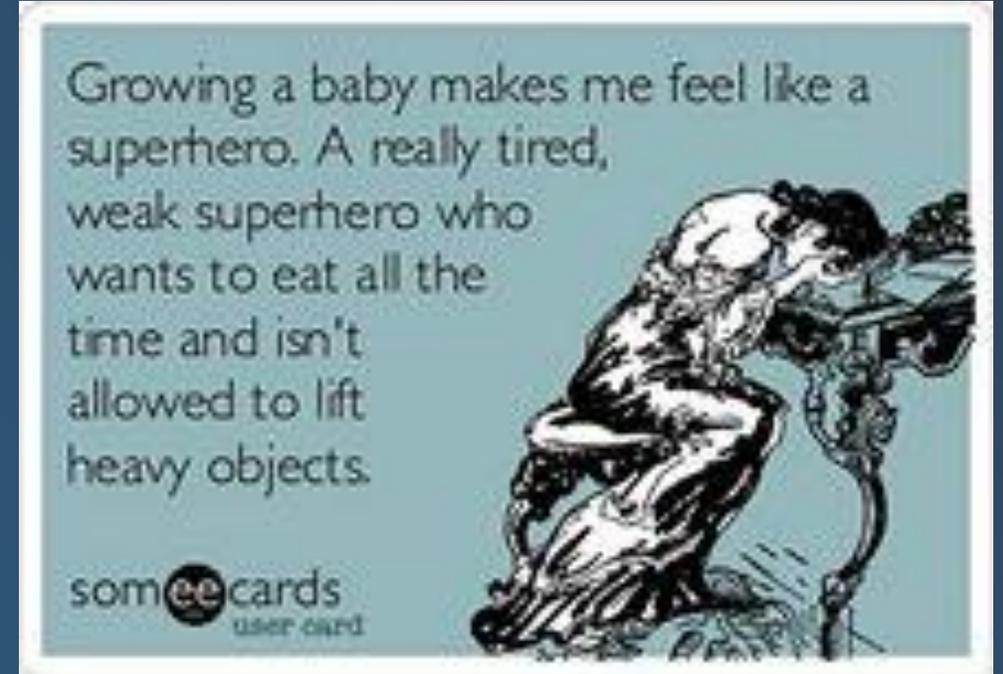
Disclaimer

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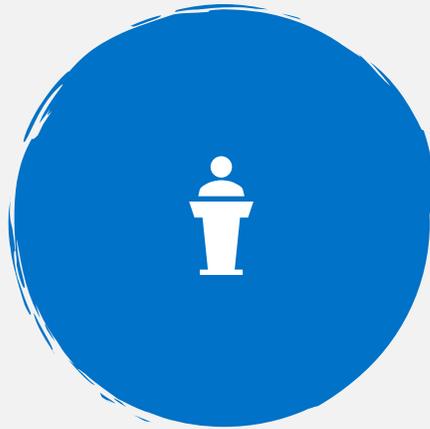
Introduction

- Hypertension Disorders of Pregnancy (HDP)
 - Chronic Hypertension (CH)
 - Gestational Hypertension (GH)
 - Preeclampsia/Eclampsia (PREE)
- Increases maternal and neonatal health risks
- Differences in care and outcomes between mother-baby units not well assessed





Base Military
Hospital



HDP Postpartum
Care



Private Civilian
Hospital

Objective

Evaluate breastfeeding intention associated with breastfeeding at hospital discharge in relation to HDP at two regionally and functionally different facilities.

Methods



Medical Chart
Review – Case
Control Study

Co-Investigators:

Dr. Karla Waller,
Ob/Gyn

Amber Wilson, DNP

714 participants
diagnosed with
hypertension



Methods

HDP

Diagnosis



CH: <20 weeks

GH: >20 weeks

PREE: HDP + end organ damage



Breastfeeding

Intention upon admission

Rates at discharge

Joint commission: BF is milk ONLY



Hospital Facilities

Data collected over 12 months

Military: Virginia

Private: East Texas

Results

Age

- Range
 - 16-43 years of age
- Average
 - 24.6 years of age



Weight Gain

- Range
 - 0-36 kilograms
- Average
 - 12.25 kilograms



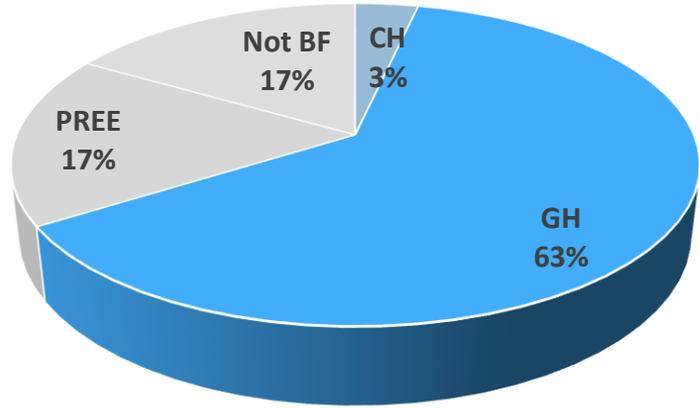
Days Gestation

- Range
 - 202-288
- Average
 - 268 (38 weeks)

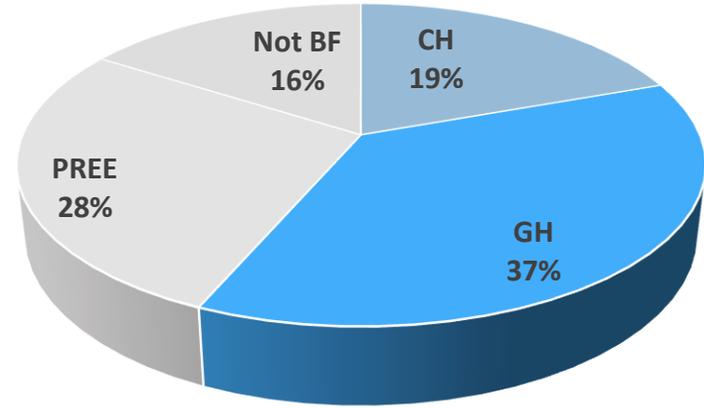
Results

Diagnosis		Intend to BF		BF on Discharge	
		No	Yes	No	Yes
Chronic Hypertension	Private	18%	82%	45%	55%
	Military	8%	92%	23%	77%
	Total	10%	90%	28%	72%
Gestational Hypertension	Private	19%	81%	48%	52%
	Military	17%	83%	39%	61%
	Total	19%	81%	47%	53%
Preeclampsia/eclampsia	Private	9%	91%	27%	73%
	Military	20%	80%	41%	59%
	Total	13%	87%	33%	67%
Breastfeeding Status	Private	17%	83%	44%	56%
	Military	16%	84%	36%	64%
	Total	17%	83%	42%	58%

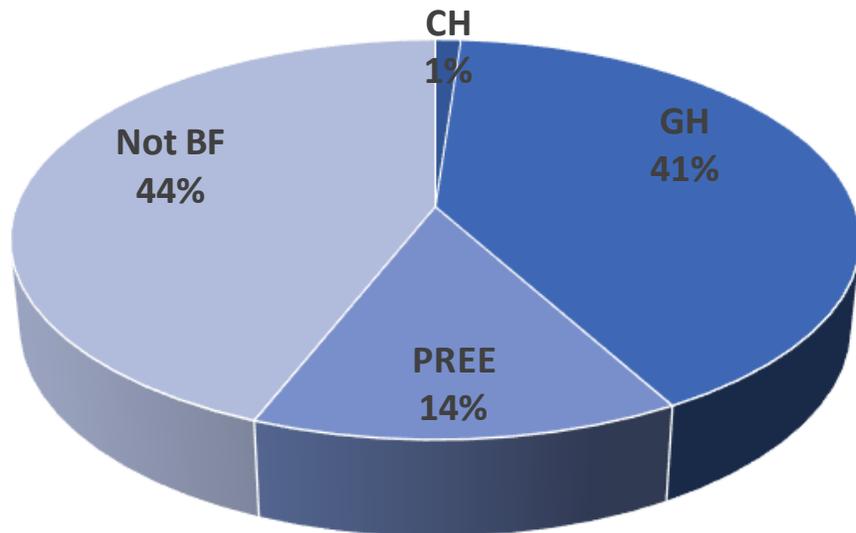
Private Hospital - Intention to Breastfeed



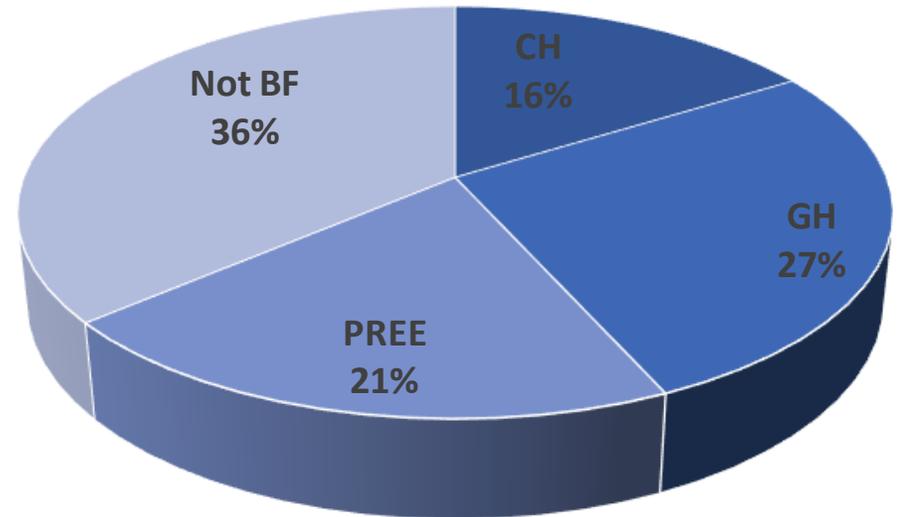
Military Hospital - Intention to Breastfeed



Private Hospital - Breastfeeding at Discharge



Military Hospital - Breastfeeding at Discharge



Discussion

Don't cry over spilled milk.
Unless it's
breastmilk, in
which case,
cry a lot.



someecards
user card

Intention to breastfeed was not different between the facilities

8% more women from military hospital breastfeeding -> more successful at supporting intention despite adversity

Supporting breastfeeding can improve outcomes



- Military hospitals are showing better breastfeeding outcomes
- What more can be done?
 - Lactation care
 - Expertise vs Referral
 - Follow up care
 - Prenatal counseling/classes/referrals

Debriefing

How can you implement change?

We can not cure risk factors but we can optimize outcomes.

When you are born in SAMMC



THANK YOU