

CRY OF THE VEINS- SEVERE ABDOMINAL PAIN IN FIRST TRIMESTER-CASE REPORT

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INTRODUCTION

Porto –Mesentric veins are a rare site of unprovoked thromboses, more so in pregnancy causing pain abdomen.

HISTORY

35yr old, G3A2, BMI 22

4th FET/HRT protocol/Single Blastocyst

HYPOTHYROID-T4- 25 mcg

GA- 7 weeks –SLIUG,FH-good

Severe pain abdomen/vomiting/constipation

Pain starts 5-10min after meals

Admitted with abdominal distension and dehydration

INVESTIGATIONS

urine ketones 4 +

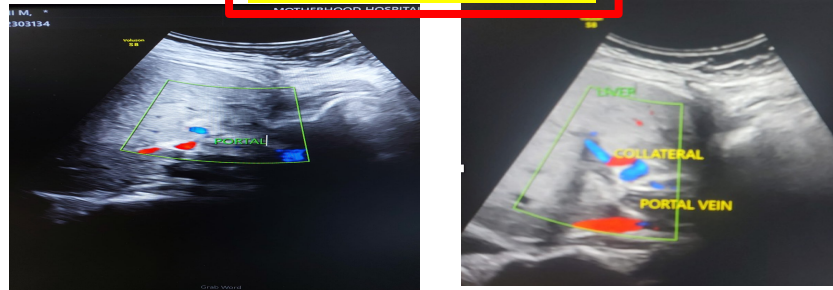
LFT/RFT/Amylase/Lipase-normal

USG abdomen-Normal

ABDOMINAL VENOUS DOPPLER

- Portal vein/ splenic vein/ superior mesentric vein Thrombi
- **PERIORTAL COLLATERALS** noted
- Portal vein -13mm, mildly dilated with no flow
- Splenic Vein and SMV- normal in calibre with no flow
- Mild to moderate ascites
- Mildly altered Liver echotexture/ Gall bladder sludge

PRE THROMBOLYSIS

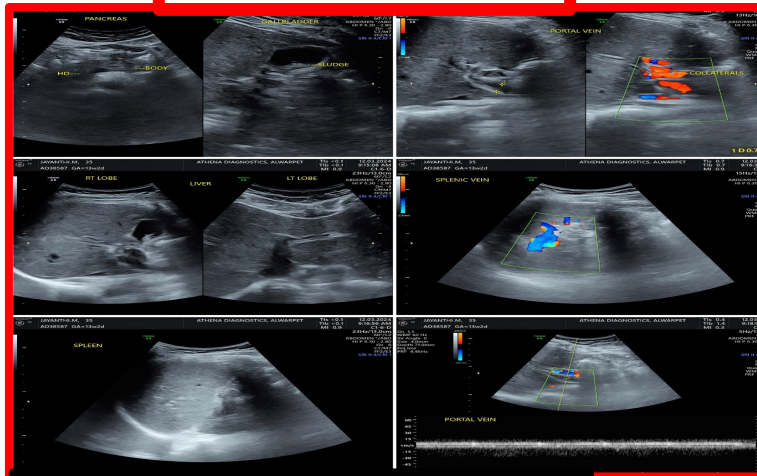


MANAGEMENT

Medical GastroEnterologist and Vascular Surgeon opinion sought

Started On Therapeutic LMWH 5000U sc BD

POST THROMBOLYSIS



❖ APLA and THROMBOPHILIA-neg

❖ **AN period and delivery**

❖ FTS- Low Papp-A,

❖ Started on T aspirin 150mg od

❖ **Resolution of Thrombus by 12 weeks on doppler**

LOW PROFILE GROWTH

At 34 weeks FGR with abnormal Doppler-

AN steroids/MgSO4

LSCS –Girl 1.6 Kg

Postnatally- BRIDGING OF LMWH AND WARFARIN

Now On WARFARIN 4 mg maintaining PT INR 2-3

Discussion

- 1.High index of suspicion
- 2.**CLINCHING THE DIAGNOSIS** by prompt doppler study of abdominal veins
- 3.MultidisciplinaryTeam
- 4.VERY Slow enteral therapy to give time for clot resolution-**BOWEL REST**
- 5.Prevention of segmental ischemia/ bowel gangrene/resection/Colostomy/Sepsis/ Morbidity/Mortality
- 6.At risk of portal HT and cirrhosis later MGE and Vascular surgeon follow up
- 7.Majority of case reports in literature- **LAPAROTOMY** and bowel resection with **Termination of pregnancy**

Reference

Mesenteric venous thrombosis in a pregnant woman at first trimester gestation: a case report

Rodrigo Piltcher-da-Silva¹, Vivian Laís Sasaki¹, João Francisco Petry¹, Guilherme Viegas Rhoden¹, Matheus Antonio Chiconelli Zangari¹, Mariana Piltcher-Recuero¹, Gabriela de Melo Rocha¹, Paulo Cesar Andriguetto¹, Yan Sacha Aguilera¹ and Júlio Cesar Uili Coelho¹

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Conflict of interest-none