

# CASE DISCUSSION

# Patient details

- Mrs. R
- 48/F
- House Wife
- Mumbai
- Married

# History

- Hypertension
- Ayurvedic medications for weight loss ( ~ 30 kgs ) → 18 months → 2020-2021  
→ Stopped in May 2021
- Anemia → June 2021 → menorrhagia → Mirena inserted  
LFT deranged → Bilirubin – 5/3.5 mg/dl → normal
- Covid in 1st week of January 2022
- Jaundice → 12/1/2022 → 11.7 mg/dl
- 25/1/2022 → Abdominal distension → USG → Moderate hepatomegaly ,  
Mild splenomegaly with minimal ascites
- 10/3/2022 → jaundice ↑ → 13.1 mg /dl → USG → liver nodular with  
moderate ascites

# Investigations

- HCV , Hbs Ag , HAV and HEV → Neg
- Ferritin – 269, Iron – 17, TSI - 9.4
- Peripheral smear – Thrombocytopenia .no evidence of hemolysis
- Reticulocyte count – 2
- ANA – weakly positive ( 1:100)
- Coomb's test – negative
- Autoimmune profile – Neg

# PHYSICAL EXAMINATION

- Conscious oriented
- Height : 153.3cm . Weight : 73.4 kg . BMI – 31.2 kg/m<sup>2</sup>
- Icteric, Pale, Pedal edema +
- No Flaps
- P/A – Hepatosplenomegaly , Flank dullness +
- Chest – B/L Air entry equal
- CVS – S1 S2 present

# INVESTIGATIONS

## CBC

Hb – 8.1 g/dl

TC – 11.4 / mm<sup>3</sup>

Plt – 90000 /mm<sup>3</sup>

## RFT

Urea – 69.9 mg/dl

Creatinine – 1.78 mg/dl

Na – 117 meq/dl

K – 3.39 meq/dl

MELD Na – 32 AARC -7

## • LFT

Bilirubin – 12.3 – 9.9/2.4

AST/ALT - 97 / 30

Protein - 7.6 g/dl

Alb - 3.18g/dl

SAP - 139.2 U/l

INR - 1.64 (21.7/13.4)

# INVESTIGATIONS

- Ceruloplasmin – 16
- Transferrin Saturation – 80
- ASMA – Negative
- Anti LKM – Negative

OGD scopy - Congestive Gastropathy – S/P APC – Jan 2022

# INVESTIGATIONS

Parameters \ Day	Day 0	Day 3	Day 5
Total Leucocyte Count	11.4	10.54	13.07
Bilirubin	10.7	12.3	11.2
INR	1.77	1.64	1.78
Sodium	117	126	135
Creatinine	1.78	1.27	0.93



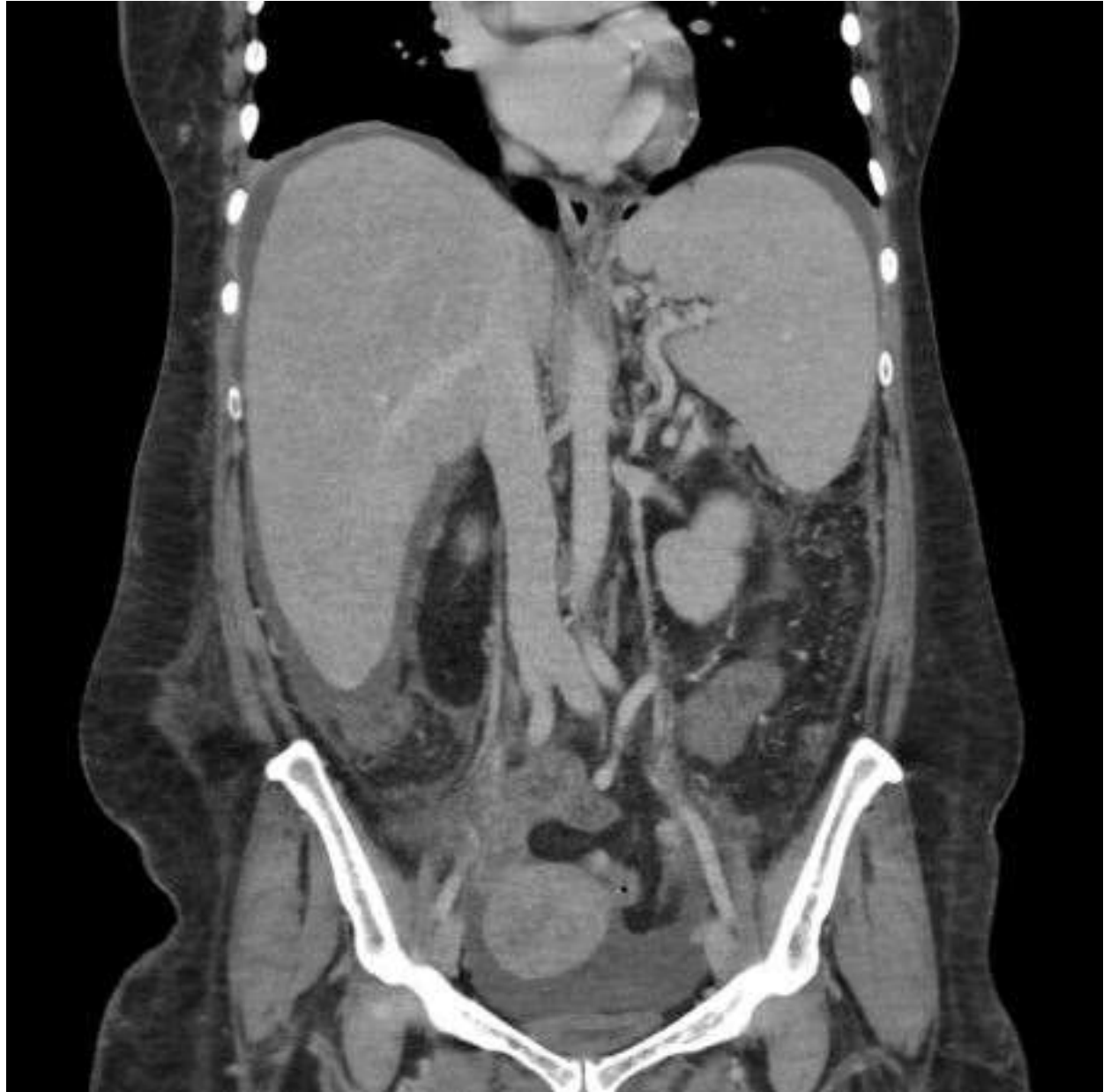
# INVESTIGATIONS

- Blood Culture – Negative
- Urine Culture – Negative

# IMAGING

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- USG Abdomen – Chronic Parenchymal Liver Disease with patent portal vein . No Lesions. Moderate Ascites. Splenomegaly
- CECT Abdomen – Hepatomegaly – 22cm . Surface nodularity + Spleen enlarged – 13.5 cm Mild ascites + .Portal vein – patent



# DIAGNOSIS

- Acute on chronic liver failure, AARC ACLF score – 5, Grade - I
- Chronic liver disease – ? NASH / ?Autoimmune , CTP – C(10/15) , MELD – Na - 23
- Acute insult - ? COVID / ? DILI
- Pre renal - AKI

# TREATMENT

- Inj Piptaz
- Inj Albumin 20 % IV daily
- Tab. Tolvaptan 15 mg