



A 40-Year-Old Woman with Chronic Diarrhoea and Generalized Swelling

Dr. Ismat Ara Islam
Resident, Phase-A
BSMMU

Patient Profile

A 40-year-old woman

Address : Rajshahi

Occupation : housewife

Marital Status: married

Chief complaints

- Diarrhoea for 6 months
- Generalized swelling for 4 months
- Shortness of breath for 2 months

History of presenting illness

Diarrhoea

- Duration 6 months
- 6 to 7 times per day
- Semisolid
- Contains mucus
- Associated with anorexia, abdominal cramp

NO

- Diurnal variation
- Vomiting
- Blood mixed with stool
- Steatorrhoea
- Contact with TB patient

Swelling

- Generalized
- Duration 4 months
- First appeared on face
- Gradually progressive
- No oliguria

Shortness of breath

- Duration 2 months
- Can't perform daily activities (NYHA III)
- Orthopnea
- Paroxysmal nocturnal dyspnea

NO

Cough

Fever

Chest pain

Hemoptysis

Negative History

- Skin rash, alopecia
- Photosensitivity
- Joint pain
- Weight loss
- Hospital admission or surgery
- Blood transfusion

Personal History

Nothing significant

Family History

- Parents are alive and healthy
- 5 siblings (3 sisters 2 brothers)
- None are suffering from similar type of illness

Menstrual and Obstetric history

Menstrual History

Amenorrhoeic for 6 months

Obstetric History

Para 2 + 0

ALC 8 years

No contraception for last 5 years



Evaluation in Tertiary Care Hospital

Course of Illness (22.10.2016)

Investigation	Result
CBC	Hb-13.1 gm/dl, ESR-55 mm TC-8,700/cumm (normal differentials) TPC-2,65,000/cumm
PBF	RBC- normocytic normochromic WBC-normal Platelet- normal

Investigations

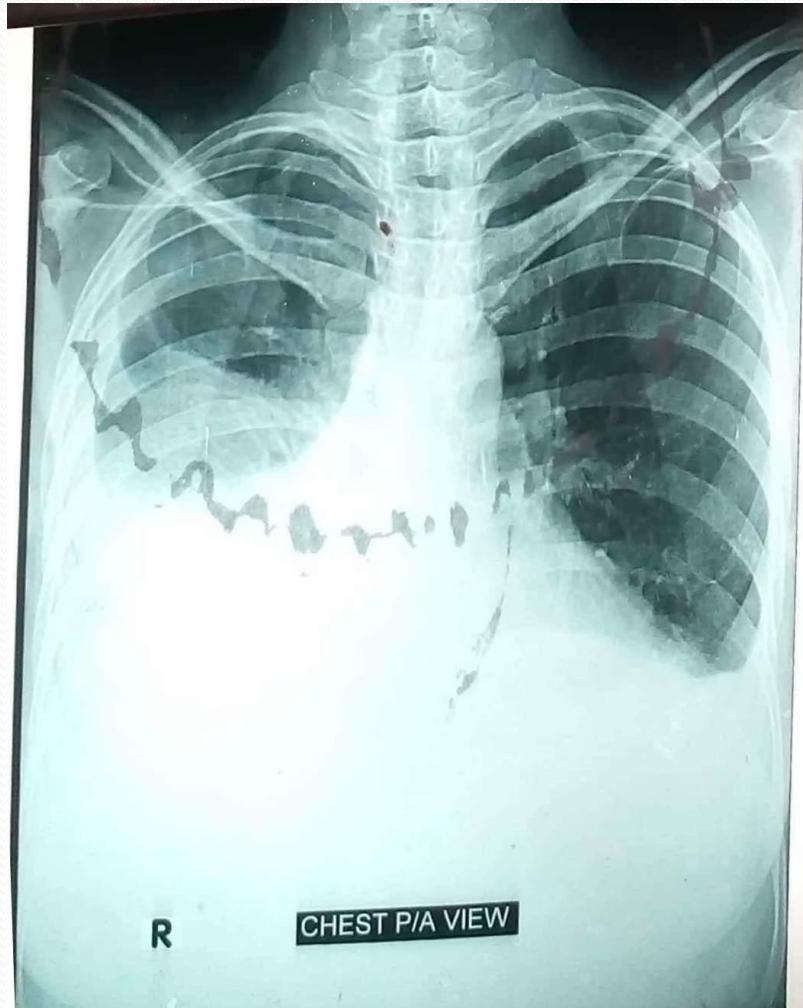
Results

S. Bilirubin	0.5 mg/dl
S. ALT	13 U/L
S. creatinine	0.72 mg/dl
Urine R/E	Normal
RBS	5.4 mmol/L
S. electrolyte	Na-131 mmol/L K-3.9 mmol/L Cl-98 mmol/L
S. Albumin	20 g / L

Chest X- Ray

Consolidation (Rt)

Bilateral pleural effusion



ECG

- Sinus Tachycardia
- Low voltage ECG
- Poor progression of R wave

Echocardiography

- Moderate pericardial Effusion
- No LV dysfunction

USG of W/A

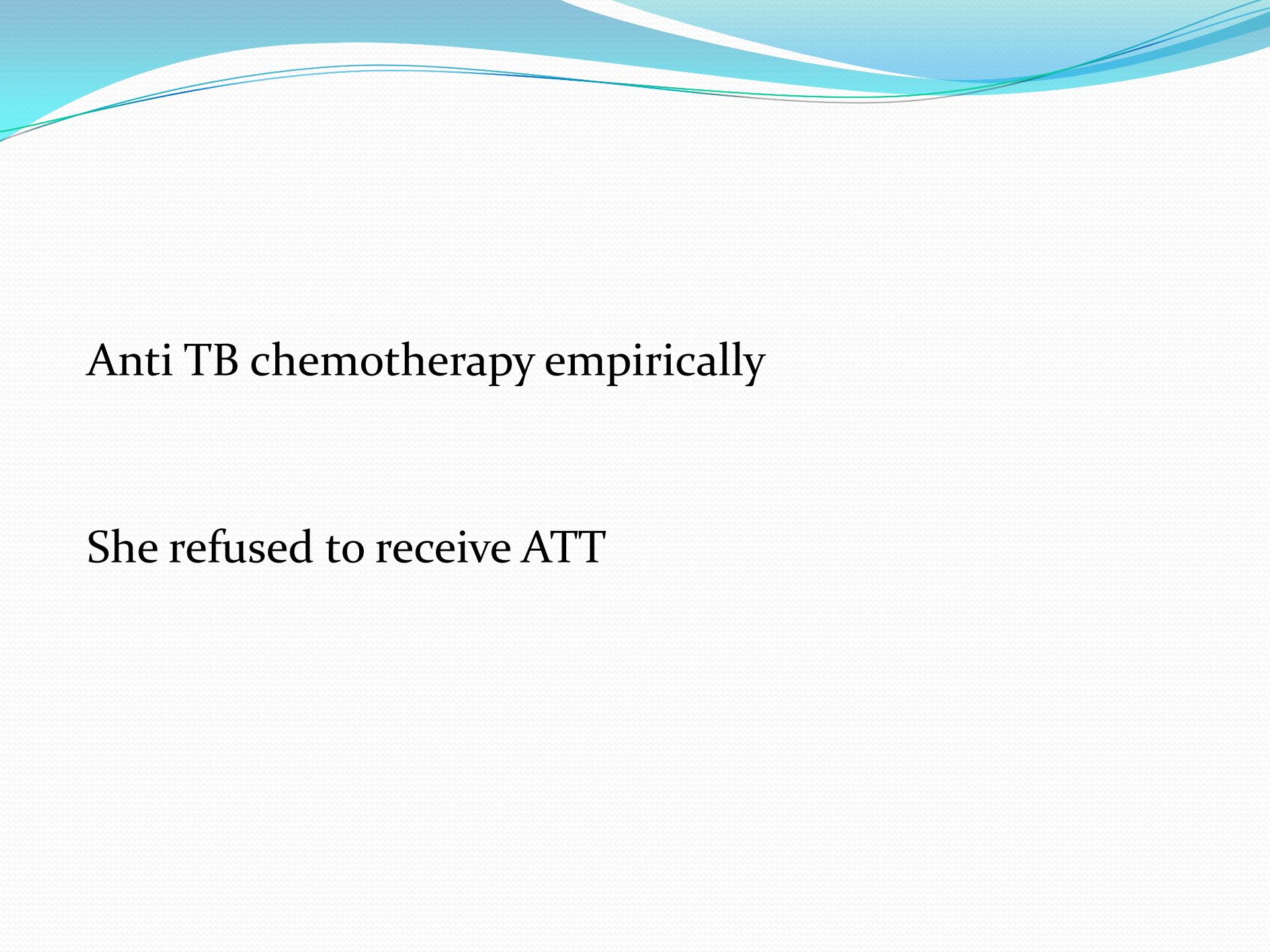
Huge ascites

Bilateral pleural effusion



Ascitic Fluid Study

Protein	24 g/L
Albumin	12 g /L
SAAg	8 g/L
Glucose	6.8mmol/L
ADA	7.6 U/L
Gm & AFB Stain	Negative



Anti TB chemotherapy empirically

She refused to receive ATT

Evaluation in BSMMU

General Examination

Anemia : Mild

Face : Puffy

Edema : Pedal (bilateral)

JVP: Raised and pulsatile

Thyroid gland: Not enlarged

Lymph Node: Not Palpable

Bed side urine for protein : (-) ve

No stigmata of CLD

Vitals

Pulse : 98 b/min

BP : 90/60 mmHg

R/R : 18 br /min

Temperature : 98.4 °F

Abdomen

Huge ascites

No organomegaly



Respiratory System

Bilateral pleural effusion (Rt. >Lt.)

Cardiovascular System

Heart sounds are muffled

No added sound

Other Systems

No abnormality



Investigations

BSMMU (03.11.2016)

Investigation	Result
CBC	Hb-12.2 gm/dl, ESR-75 mm in 1 st hr TC-7,000/cumm (normal differentials) TPC-2,65,000/cumm
PBF	RBC- normocytic normochromic WBC-normal Platelet- normal

Investigations

Results

S. Bilirubin

0.4 mg/dl

S. ALT

17 U/L

S. creatinine

0.80 mg/dl

Urine R/E

Normal

RBS

6.4 mmol/L

S. electrolyte

Na-128 mmol/L

K-4.2 mmol/L

Cl-98 mmol/L

CRP

0.72 mg/dl

Investigations

Results

S. Albumin

16 g/L

Total Protein

53 g/L

S. LDH

197 U/L

TSH

3.5 µIU/L

FT₃

1.71 pg/ml

FT₄

1.11ng/dl

Stool R/E

Normal

Faecal fat estimation

0-2 droplets/HPF

Investigations

HBs Ag

Results

Negative

Anti HIV (1 & 2)

Negative

Ascitic Fluid Study

Protein	24 g/L
Albumin	10 g /L
SAAG	6 g/L
Glucose	6.8 mmol/L
ADA	7.2 U/L
Gm & AFB Stain	Negative
MTB Gene Xpert	Negative
Malignant cell	Negative

Pleural Fluid Study

Microscopic Examination

Total Count of WBC	10 cells/cumm
Neutrophil	10%
Lymphocyte	90%

Biochemical

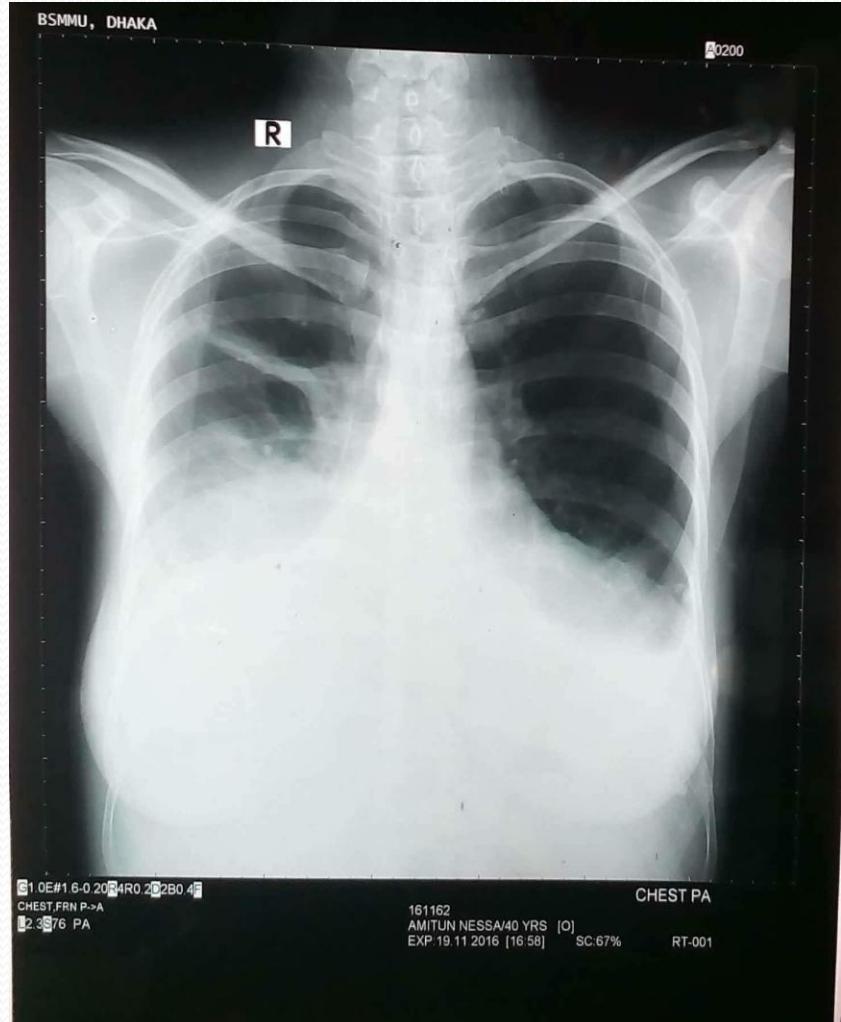
Protein	26 g/L
Glucose	5.6 mmol/L
LDH	92 U/L
ADA	5.3 U/L

Light's criteria : **Transudative**

Gram & AFB stain	Negative
Gene Xpert for MTB	Negative
Malignant Cell	Negative

Chest X- Ray

Bilateral pleural effusion



Echocardiography

- Moderate pericardial effusion in anterior & posterior cavity
- Diastolic collapse of RVOT
- Global LV dysfunction EF : 39.4 %
- Moderate global hypokinesia

USG of Whole Abdomen

- Huge ascites
- Bilateral pleural effusion



Endoscopy of Upper GIT

- Antral Gastritis

Colonoscopy

Not done due to cardiac status

Investigations	Results	Reference range
CA 125	5100.00 U/ml	<35.00 U/ml
CEA	4.08 ng/ml	<5 ng/ml

CT Scan of Abdomen



Huge ascites and bilateral pleural effusion

Trans vaginal sonography

- Both adnexal regions appear normal without any remarkable cyst or soft tissue mass
- Cul-de-sac : huge amount of free fluid is present in the peritoneal cavity



Investigations

Results

Reference range

ANA	39 U/ml	<10 U/ml : Negative >10 U /ml : Positive
Anti ds DNA	11.3 IU/ml	<20 IU/ml : Negative 20-25 IU/ml:Borderline >25 IU/ml : Positive
C3	37 mg /dl	80 - 170 mg/dl
C4	14 mg/dl	20 - 50 mg/dl
Anti Sm Ab	8.5 U/ml	<15 U/ml : Negative 15-25 U/ml:Borderline >25 U/ml : Positive

Investigations

Results

Anti Phospholipid antibody

Negative

Direct Coomb test

Negative

Investigations	Results	Reference
S. Prolactin	11.83 ng /ml	1.39 -24.20 ng /ml
LH	56.01 IU/L	Mid cycle : 22- 105 IU/L Menopause : 16-64 IU/L
FSH	139.46 IU/L	Menopause : 18-153 IU/L

Final Diagnosis



Tjalma Syndrome
Or
Pseudo-pseudo Meig's Syndrome

Treatment

- Hydroxychloroquine
- Prednisolone
- Azathioprine

Follow- Up

18.02.17

Investigations

CBC

S. Electrolytes

Results

Hb% 12.2 g/dl
ESR 36 mm in 1st hr
WBC $9.5 \times 10^9 /L$
N 67%, L 25% M 06 %
TPC $300 \times 10^9 /L$

Sodium 136 mmol/L
Potassium 4.2 mmol/L
Chloride 99 mmol/L

Investigations

Results

Reference

S. Albumin

37 g/L

35-50 g/L

CA-125

159.8 U/ml

Upto 35 U/ml

Chest X-Ray

Normal Study

Echocardiography

- No pericardial effusion
- No evidence of LV dysfunction

Ultrasonogram of Whole Abdomen

Normal Study

Follow -Up

29.11.17

Investigations

Results

CBC

Hb% 12.4 g/dl
ESR 35 mm in 1st hr
WBC 11 x 10⁹/L
N 72 %, L 24 % M 04 %
TPC 300 x 10⁹ /L

S. Electrolytes

Sodium 138 mmol/L
Potassium 4 mmol/L
Chloride 105 mmol/L

Investigations

Results

Reference

S. Albumin

44 g/L

35-50 g/L

CA-125

12.5 U/ml

Upto 35 U/ml



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BSMMU

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BSMMU



THANK YOU