

# পপুলার ডায়াগনস্টিক সেন্টার লিঃ POPULAR DIAGNOSTIC CENTRE LTD.

POPULAR

House # 16, Road # 2, Dhanmondi R/A, Dhaka-1205  
HOTLINE : 09613 787801, E-mail : info@populardiagnostic.com, Web : www.populardiagnostic.com

## LABORATORY SERVICES

Patient Name	Ms. Agnes Biswas	Lab No	1044326
UHID	100616742	Sample Date	30/12/2019 8:45AM
Age Gender	42 Yrs/Female	Receiving Date	30/12/2019 9:51AM
Referred By	PROF. A.M.M. SHARIFUL ALAM	Report Date	30/12/2019 2:16PM
		Report Status	Final



Test Name	Result	Unit	Reference Range
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### BIOCHEMISTRY

LDH	303	U/L	Adult Males :135 - 225 Adult Females :135 - 214 Children(2-15 y):120 - 300 Newborns(4-20d):225 - 600
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*Selina Ahmed*

Prof. SELINA AHMED  
MBBS, M.Phil (Biochemistry)  
Professor of Biochemistry

M.B.B.S; M.Phil (Pathology)  
Head, Department of Pathology, Southern Medical College  
Ex. Head, Department of Pathology, Chittagong Medical College  
Cytopathologist & Histopathologist

Chamber : **CSCR**  
1675/A, O.R. Nizam Road  
Chattogram-4000  
Phone : 656565 Ex.-510

**PATIENT ID : 121219—2436**

**DATE: 12/12/2019.**

**PATIENT NAME : MRS. ANGES BISWAS**

**AGE: 42 Y**

**SEX : FEMALE**

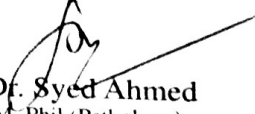
**REFERRED BY : PROF(DR): Mehrunnissa Khanom MBBS (Gold Medalist), MRCP**

**CYTOPATHOLOGY REPORT**

CT guided FNAC from right lung  
CT Scan: Anterior large mass in right lung

**M/E:** Smear reveals sheets and clusters of lymphoid cells having scanty cytoplasm with mature lymphocytes

**Impression: Suggestive of NHL**  
**Advise Immunocytochemistry to confirm**

  
Prof. Dr. Syed Ahmed  
MBBS, M. Phil (Pathology)  
Ex. Head, Dept. of Pathology  
Chittagong Medical College

ID. No.	: 121219-065	Reporting date/time	: 12-12-2019
Patient's Name	: MRS.AGNES BISWAS	Exam date/time	: 12-12-2019
Age/Sex	: 42Y/F	Part Scanned	: CHEST
Refd. by	: DR.MEHRUNNISSA KHANAM.MBBS(GOLD MEDALIST), MRCP.		

CT SCAN : CHEST

CLINICAL INFO : Chest pain

COMPARISON : CXR PA view , Dated : 10.12.2019

TECHNIQUE : CT Chest Axial slices, Pre- and post contrast.

Coronal and sagittal reformatted images were obtained.

**FINDINGS:**

Large contrast enhancing lobulated solid mass is seen at anterior and middle mediastinum and to right, abutting pleura, chest wall and heart, measuring 12.2 cm X 09.7 cm X 06.4 cm.

Enlarged lymph nodes are noted at right supraclavicular region , prevascular , right upper and lower paratracheal regions.

Pulmonary structure is normal and shows normal vascular markings.

There are no intrapulmonary nodules or patchy opacities.

There is no sign of circumscribed pleural thickening and no fluid collection.

The hilar region on each side is unremarkable, and the main bronchi appear normal.

The heart is normal in configuration. The cardiac chambers are of normal size.

The thoracic skeleton and thoracic soft tissues show no abnormalities.

**IMPRESSION:**

1. Large mediastinal mass ( anterior and middle),
2. Right supraclavicular and mediastinal lymphadenopathies, as described above.

*Thank you for your kind referral.*

**Professor (Dr) Anisul Moula**

MBBS DMRD

Sr. Radiology Consultant, CSCR Pvt Ltd

Ex- Professor &amp; Head Radiology &amp; Imaging Dept,

CMOSHMC &amp; Chittagong Medical College

RMLC Regd. No: A10878

This is only professional report and not for final diagnosis. It should be correlated with clinical, histopathological and radiological parameters.

Please intimate us for typing mistake / misplacement of report if any and send the report for correction immediately.



ID No. : **101219-280**

Print Date &amp; Time: 10/12/2019 6:54:30PM

Patient's Name : MRS.AGNES BISWAS

Age : 42 Year(s) Sex : Female

Refd. By : DR. Mehrunnissa Khanom MBBS (Gold Medalist), MRCP (U.K.)

Test : DIGITAL X-RAY CHEST P.A VIEW.

**Chest P/A View:**

Lung fields ill defined opacities are noted in the right mid & lower zones.

Trachea is central in position.

Heart is normal in size, shape and position.

Basal angles are clear.

Diaphragm is normal in outline and position.

Bony thorax revealed no abnormality.

**Impression : Suggestive of Consolidation (RT).**

**Advice: Please exclude Mass Lesion (RT).**



**Dr. Md. Abbas Uddin Chy**  
MBBS, M.Phil (Radiology & Imaging-BIRDEM)  
Asso. Professor  
BGC Trust Medical College  
Radiologist and Imaging specialist.





# ULTRASONOGRAPHY

CSCR Bhaban, 1675 A, O.R. Nizam Road  
Chattogram, Bangladesh. Tel: +88-031-656565

Ref No : **101219-280**

Patient's Name : MRS. AGNES BISWAS

Refd. By : DR. Mehrunnissa Khanom MBBS (Gold Medalist), MRCP (U.K.)

Test : USG - WHOLE ABDOMEN / (HBS + KUB)

Print Date & Time: 11/12/2019 3:39:28PM

Age : 42 Year(s) Sex : Female

## Ultrasound of Whole Abdomen

### Findings-

**Liver** is normal in size (14.0cm), **shows increased parenchymal echogenicity**. Intrahepatic ducts are not dilated. Hepatic and portal veins are normal.

**GB** is well distended with a normal wall thickness. No calculus is seen.

**CBD** is not dilated.

**Pancreas** is normal in size with normal parenchymal echotexture. No focal or cystic lesions are seen in and around it.

**Spleen** is normal in size, shows uniform parenchymal echotexture.

**Both kidneys** are normal in sizes and outlines with well-defined corticomedullary differentiation. No calculi or hydronephrotic changes are seen.

(RK- 9.1cm, LK- 9.6cm)

**Urinary bladder** is well distended, with a normal wall thickness. shows no intravesical lesion.

**Uterus** is normal in size, and anteverted in position, with normal central uterine cavity echo; shows normal parenchymal echotexture. No focal lesions are seen.

(UT- 6.8cm x 3.4cm x 2.5cm).

**Both ovaries** appear normal.

There is no free fluid in the cul-de-sac.

No Ascites is seen.

### Impression:

- **Fatty change in liver (G-I).**

*Thanks for referral*

*Taslima*  
**Dr. Taslima Banu**  
MBBS, DMU  
PGT(Radiology & Imaging)

- This is only professional opinion and not final diagnosis. It should be correlated with clinical, histopathological and radiological parameters.
- Please intimate us for typing mistake/misplacement of report if any & send the report for correction immediately.
- Please bring all previous records including USG reports for reference.

Consultant



ইনস্টিটিউট অব নিউক্লিয়ার মেডিসিন এণ্ড এ্যালায়েড সায়েন্সেস, চট্টগ্রাম  
**INSTITUTE OF NUCLEAR MEDICINE & ALLIED SCIENCES, CHATTOGRAM**  
Chattogram Medical College Hospital Campus, Chattogram

Regn No. : 2019-055796/12-01776/093

Name : Mrs Agnes Biswas

Ref. By : Dr. Meherunnissa Khanom, MBBS MRCP

Services : TSH (Thyroid stimulation hormone)

Age : 42 Years

Gender : Female

Regn. Date : 11-12-19, 10:31 AM

Delivery Date :

Assay No: 153

SI No:107

**THYROID HORMONE ASSAY REPORT**

(Report of Radioimmunoassay method of Serum T<sub>3</sub>, T<sub>4</sub>, TSH, FT<sub>3</sub> & FT<sub>4</sub> and Immunoradiometric assay of serum TSH)

Hormone	Estimated Value	Normal Range
T <sub>3</sub>	nmol/L	(1.23-3.54) nmol/L
T <sub>4</sub>	nmol/L	(54-174) nmol/L
TSH	1.07 $\mu$ IU/mL	(0.30-5.00) $\mu$ IU/mL
FT <sub>3</sub>	pmol/L	(3.50-8.56) pmol/L
FT <sub>4</sub>	pmol/L	(8.56-25.60) pmol/L
TG	ng/mL	< 50 ng/mL

Comments:

Dr. P. K. Bhattacharjee


Signature

Date: 14/12/2019

ID No : **191219-130**  
Patient's Name : **MRS. EGNES**  
Refd. By : **CSCR OPD**  
Specimen : **Blood**

Receiving Date: **19/12/19** Printed at: **19/12/19**  
Age : **42 Year(s)** Sex : **Female**

Test	Result	Reference Value
Haemoglobin	11.7 gm/dl	Male : 14.0 - 18.0 gm/dl Female: 12.0 - 16.0 gm/dl

  
**Prof. Dr. Shahed Ahmad Chowdhury**  
MBBS, FCPS (Haematology)  
Professor of Haematology  
Chattogram Medical College & Hospital

  
Lab Incharge

**Dr. Nasima Akter**  
MBBS, M. Phil (Microbiology)  
Professor and Head, Dept. of Microbiology  
Chattogram Medical College  
B.M.D.C Reg No. A-14414

**Dr. Khurshid Jamil Chowdhury**  
MBBS, DTM&H, Dip-Parasitology  
Ex. Clinical Pathologist  
CMC.

**Prof. Dr. Syed Ahmed**  
MBBS, M. Phil (Pathology)  
Ex. Head Department of Pathology  
Chattogram Medical College





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# REPORT

Chittagong Medical College  
 Chittagong, Bangladesh  
 Tel: 88-031-556983, 2550625, Fax: 88-031-2550631

ID No : 101219-280  
 Patient's Name : MRS. AGNES BISWAS  
 Refd. By : DR. MEHRUNNISSA KHANOM MBBS (GOLD MEDALIST), MRCP (U.K.)  
 Specimen : Blood

Receiving Date: 10/12/19 Printed at: 11/12/19  
 Age: 42 Year(s) Sex: Female

Test	Result	Reference Value
Haemoglobin	4.8 gm/dl	Male : 14.0 - 18.0 gm/dl Female: 12.0 - 16.0 gm/dl
ESR	118 mm	Male : 0 - 10 mm Female: 0 - 20 mm
Total Leucocyte Count	11.0 $\times 10^9/L$	4.0 - 11.0 $\times 10^9/L$
Platelet Count	242 $\times 10^9/L$	150 - 400 $\times 10^9/L$
Erythrocyte Count	1.66 $\times 10^{12}/L$	4.5 - 6.5 $\times 10^{12}/L$
Haematocrit (PCV)	13.9 %	Male : 40 - 50 % Female: 38 - 43 %

### Differential Leucocyte Count

Neutrophil	31 %	45 - 70 %
Lymphocytes	60 %	20 - 40 %
Monocytes	05 %	2 - 5 %
Eosinophils	04 %	1 - 6 %
Basophils	00 %	0 - 1 %
MCV	83.7 fl	76 - 96 fl
MCH	28.9 pg	27 - 32 pg
MCHC	34.5 g/l	30 - 35 g/l
RDW-CV	12.8 %	11.60 - 14.80 %

### Film Study :

RBC : Normochromia normocyte with rouleaux formation.  
 WBC : Mature with normal count and above distribution.  
 Platelets : Are normal.  
 Comment : Normochromic normocytic anemia.

Dr. Md. Nurul Absar  
 MBBS, B.S (Health)  
 M.Phil. (Medical Biochemistry)  
 Chittagong Medical College  
 Consultant Biochemist

Prof. Dr. Mosharref Hossain  
 MBBS, M.Phil (Biochemistry)  
 Head of Department of Biochemistry  
 Southern Medical College

Prof. Dr. Syed Ahmed  
 MBBS, M.Phil (Pathology)  
 Ex. Head Department of Pathology  
 Chittagong Medical College



গণপ্রজাতন্ত্রী বাংলাদেশ সরকার অনুমোদিত ও জাতীয় জরিপকৃত  
গভঃ রেজিস্ট্রেশন নং-৩০

**লাইফ সেভ ব্লাড ব্যাংক এন্ড ট্রান্সফিউশন সেন্টার**  
**LIFE SAVE BLOOD BANK & TRANSFUSION CENTRE**

25, Nizam Court, 2nd Floor, Chandra, Patharia Square, City, Dhaka. Phone: 94121111, 94121112, 94121113

Sl. No. 9580

Date: 12-12-19

Delivery Time: 11:30 AM

<b>LAB. REF. NO.</b>		(Please quote in future correspondence)	
Patient's Name: <u>Agnes Biswas.</u>			
Age:	Sex: <input checked="" type="checkbox"/> M <input type="checkbox"/> F	Hospital Reg. No.:	
Cabin/Ward No.: <u>OPD</u>	Bed No.:	Unit No.:	
Refd. By: <u>MIO</u>			
Hospital: <u>CSCR Hospital.</u>			
ABO Blood Group: <u>"O"</u>		Rhesus (D): <u>Negative</u>	

The following Compatible blood (Donor Blood) in ACD/CPD/GPDA-1 Solution of ABo Group..... "O" Rh (D) : Negative is delivered / ready for delivery

Blood Bag No. (Donor) : 4768 is Compatible

Donor Blood Screened for and Found: With

Patient's Sample (ID No.: 006)

Patient's Name: Agnes Biswa

HBV	<u>Non-reactive</u>
HCV	<u>Non-reactive</u>
HIV	<u>Non-reactive</u>
SYPHILIS	<u>Non-reactive</u>
M.P	<u>Non-reactive</u>

**বিশেষ দ্রষ্টব্য :-**

- \* রক্ত সংগ্রহের পূর্বে ট্রান্সফিউশনের পূর্বে রক্ত ব্যাগের মাঝে লেবর সাথে সরবরাহকৃত গ্রুপ ম্যাচ রিপোর্ট খিঁচিয়ে নিতে।
- \* রক্ত ব্যাগের মাঝে গরম কব (হেমন ফুসিলো পাইন) বিস্তার।
- \* রক্ত সংগ্রহের সময় থেকে বের করার অব্যাহতি (৩০ মিনিট) এর মধ্যে রোগীকে ট্রান্সফিউশন করুন, অন্যথায় রক্ত ব্যাগের রক্ত ব্যাগ ফেলে দেওয়া হবে।
- \* রক্ত কোন প্রকার ফিল্টার ছাড়া নেবেন।
- \* রক্তের রক্তের সাথে (CPD) কবর লব রক্ত ব্যাগে ফেলে রাখবেন।

Signature of Doctor

Signature of Technologist

**IMPORTANT: This report should be securely attached to the patient's case notes.**



ID No : 101219-280

Receiving Date: 10/12/19 Printed at: 10/12/19

Patient's Name : MRS. AGNES BISWAS

Age : 42 Year(s) Sex : Female

Ref. By : DR. Mehrunnissa Khanom MBBS (Gold Medalist), MRCP (U.K.)

Specimen :

Test	Result	Reference Value
Plasma Glucose (Random)	82.0 mg/dl 4.55 mmol/l	Upto 140 mg/dl Upto 7.77 mmol/l
Corresponding Urine Sugar	NEG.	
S. SGPT(ALT)	67.0 U/L	Male : Upto 41.0 U/L Female: Upto 31.0 U/L
HbA1c	7.70 %	Ideal : 4.6 - 6.4 % Optimal : 6.5 - 7.0 % Sub-optimal : 7.1 - 8.0 % Unacceptable : > 8.0 %
S. Creatinine	0.73 mg/dl	0.6 - 1.4 mg/dl
eGFR (CKD-EPI 2009)	102 mL/min/1.73 m <sup>2</sup>	> 60 mL/min/1.73 m <sup>2</sup>

Lab Charge

Prof. Dr. Shahed Ahmad Chowdhury  
MBBS, FCPS (Haematology)  
Professor of Haematology  
Chattogram Medical College & Hospital

Dr. Nasima Akter  
MBBS, M. Phil (Microbiology)  
Professor and Head, Dept. of Microbiology  
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Ex. Clinical Pathologist  
CMC.

Prof. Dr. Syed Ahmed  
MBBS, M. Phil (Pathology)  
Ex. Head Department of Pathology  
Chattogram Medical College



ID No. : 101219-280

Receiving Date: 10 Dec 19 Printed at: 11Dec 19 1:28PM

Patient's Name : MRS.AGNES BISWAS

Age : 42 Year(s) Sex : Female

Refd By : DR. MEHRUNNISSA KHANOM MBBS (GOLD MEDALIST), MRCP (U.K.)

Specimen : URINE

Test	Result	Normal Value
<b>Physical Examination</b>		
Quantity	18 ml	
Colour	Straw	
Appearance	Clear	
Specific Gravity	1.010	1.000-1.040
<b>Chemical Examination</b>		
pH	7.0	4.5 - 8.0
Albumin	Nil	< 30 mg/dl
Glucose	Nil	<15 mg/dl
Bile salts	Not Done	
Bile pigment	Not Done	
Acetone (Ketone body)	Negative	
Urobilinogen	Normal	<1 mg/dl
Nitrites	Negative	
Bence Jones Protein	Not Done	
Heamoglobin	Not Done	
<b>Microscopic Examination</b>		
Pus Cell	1-2/hpf	
Epithelial Cells	0-5/hpf	
RBC	Nil	
Calcium oxalate	Nil	
Amorphus phosphate	Nil	
Triple phosphate	Nil	
Sulphonamide crystals	Nil	
Uric Acid Crystal	Nil	
Urate Crystal	Nil	
Bacteria	Nil	
Fungi	(+)	
Casts	Nil	

Prof. Dr. Shahed Ahmad Chowdhury  
MBBS, FCPS (Haematology)  
Professor of Haematology  
Chattogram Medical College & Hospital

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Ex. Head Department of Pathology  
Chattogram Medical College



সি এস সি আর

Center for Specialised Tests & Research

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Tel: 654753, 656883, 2550625, Fax: +88-031-2550631

# REPORT

ID No : 101219-280

Receiving Date: 10/12/19 Printed at: 11/12/19

Patient's Name : MRS.AGNES BISWAS

Age : 42 Year(s) Sex : Female

Refd By : DR. Mehrunnissa Khanom MBBS (Gold Medalist), MRCP (U.K.)

Specimen :

Test	Result	Reference Value
Ferritin	902.10 ng/ml	13.00 -400.0 ng/ml

  
Lab. Incharge

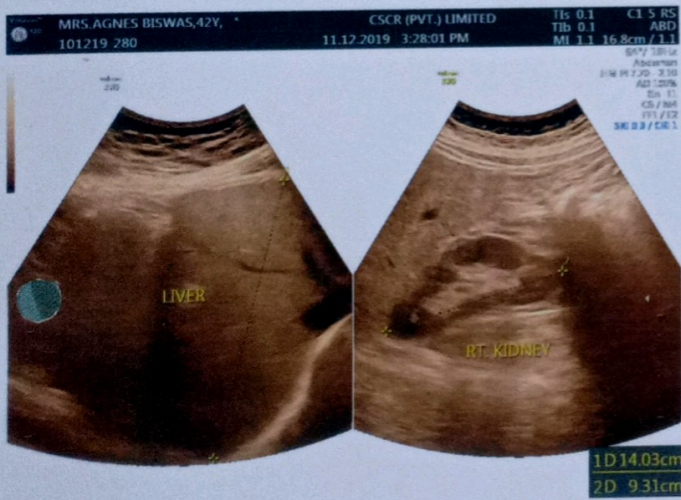
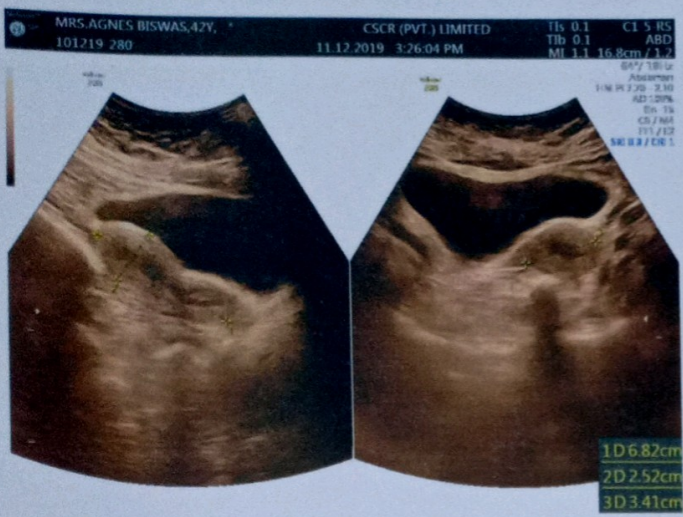
**Dr. Md. Nurul Absar**  
MBBS, BCS (Health)  
M.Phil (Medical Biochemistry)  
Chattogram Medical College  
Consultant Biochemist

  
**Prof. Dr. Mosharref Hossain**  
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Ex. Head Department of Pathology  
Chittagong Medical College

Endeavour for ONE STOP Medical Service

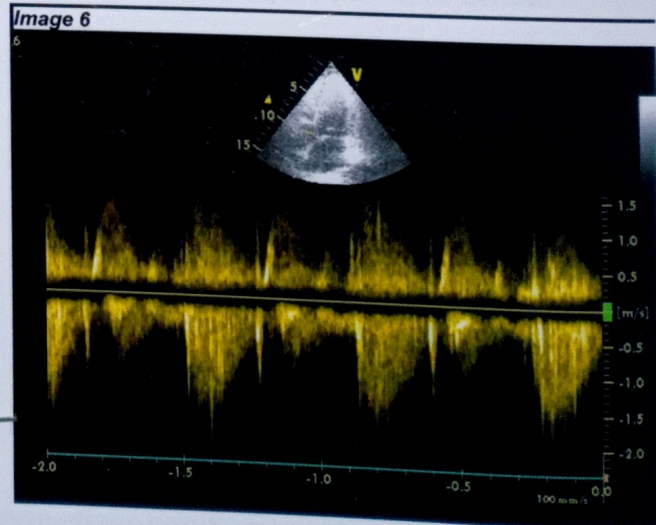
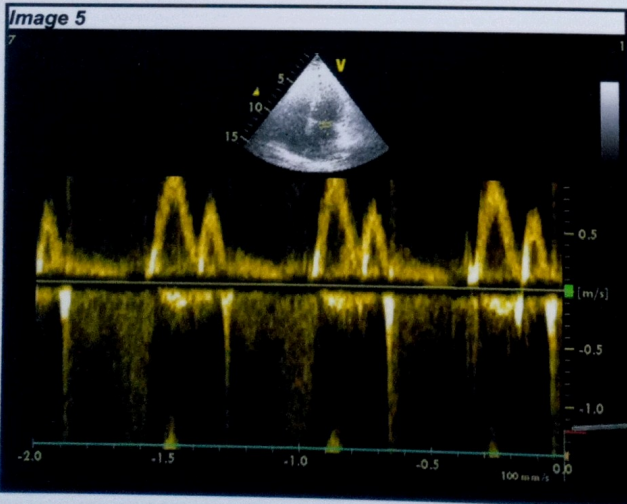
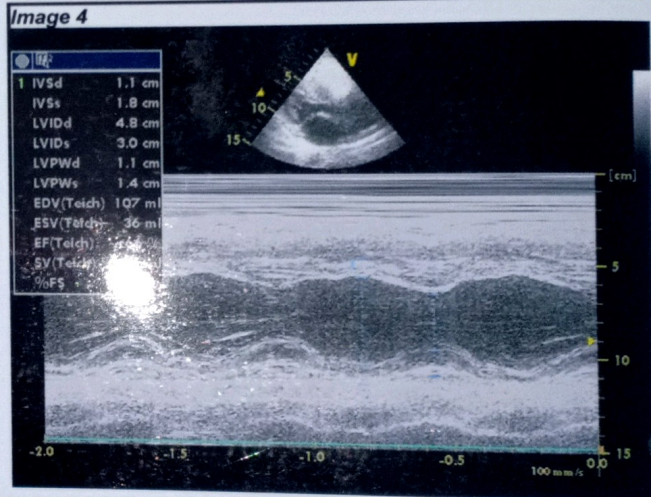
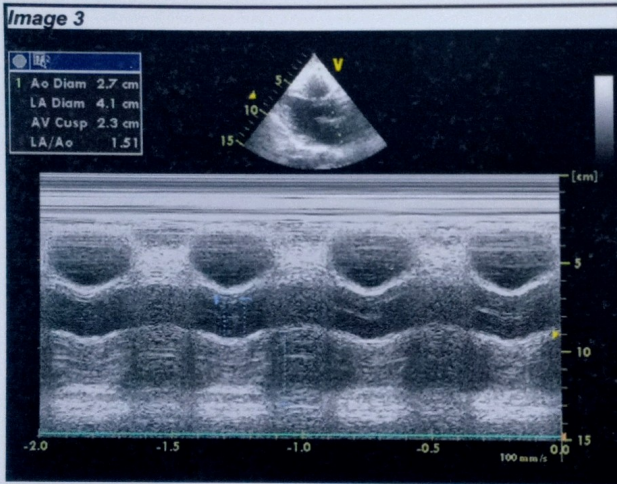
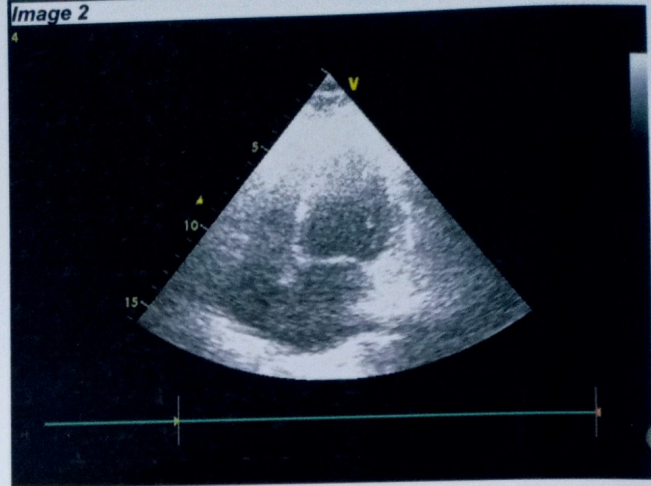
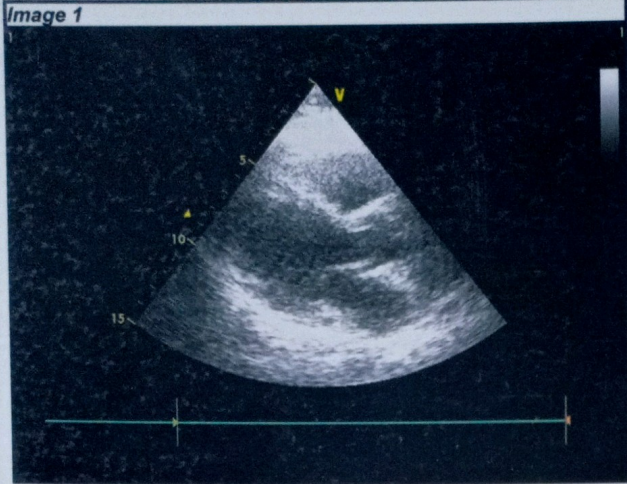






Name **MRS.AGNES BISWAS 42Y**  
Patient Id **101219-280**

Date **10/12/2019**  
Sex





## 2D & M-Mode Measurements

AOD	2.7	cm.	LVIDd	4.8	cm.	ACS	2.3	mm.
LA	4.1	cm.	LVIDs	3.0	cm.	MVA		cm <sup>2</sup>
IVSd	1.1	cm.	FS	37	%	MVO		mm.
PWd	1.1	cm.	EF	66	%	PA		mm

LV : Normal

Clinical data : Cardiac Evaluation. Echo window : Good

LA : Normal RA: Normal. RV : Normal.

Valves : Normal.

IAS : Intact IVS : Intact.

Pericardium : Normal. No PE.

Intracardiac mass / vegetation / thrombus : Not seen.

Comments : No regional wall motion abnormality.  
Good LV Systolic function.EF - 66%  
MR Grade-I



Dr. Md.Akram Hossain.  
MBBS, MPH.D. Card.  
Consultant cardiologist



অধ্যাপক (ডা:) এ. এম. এম. শরীফুল আলম  
এমবিবিএস, ডিআইএইচ, এফসিপিএস, এফআইসিএস (ইউ.এস.এ)  
ক্লিনিকাল অনকোলজিস্ট

সিনিয়র কনসাল্টেন্ট ও বিভাগীয় প্রধান  
ডিপার্টমেন্ট অব ক্লিনিকাল অনকোলজি  
আইআইসিআই মিশন ক্যান্সার ও জেনারেল হাসপাতাল  
সেক্টর-১০, উত্তরা, ঢাকা-১২৩০  
প্রাক্তন পরিচালক ও অধ্যাপক, রেডিয়েশন অনকোলজি  
জাতীয় ক্যান্সার গবেষণা ইনস্টিটিউট ও হাসপাতাল  
মহাখালী, ঢাকা-১২১২

রেজি. নং: **BMDC Reg. No. 8597**

আই. ডি. নং:

তারিখ: **20 DEC 2019**

Δ Mitotic lesion of the Rt. Lung  
(RLZ+RMZ)

For Mrs. Agnes Biswas  
42 yrs

FNAE: Suggestive of NHL

Adv. ① Serum LDH  
② CT guided FNAE of the  
Lung & GHE.

Prof. Golam Mostafa  
Answer Diagnostic

20.12.2019

13 JAN 2020

Adv. Please consult a  
Thoracic Surgeon for his valuable  
opinion regarding possibilities  
& feasibility of surgery.

— Prof. Md. Kamrul Alam

20.1.2020

CT scan (dt. 12.12.2019): Large  
mediastinal mass (ant. & middle).  
Rt. supraclavicular & mediastinal  
lymphadenopathies.

\* Serum LDH (dt. 30.12.2019):  
303 U/L.

\* CORE biopsy from mediastinal  
mass: Thymoma D/D NHL.

\* GHE: Thymoma, Lymphocytic  
Type AB -

19 JAN 2020

By. Tab Multivist Plus 1+0+1 - barto  
Tab Rex 1+0+1 — barto

Adv. Please follow the advice of Prof. Md. Kamrul  
Alam.

শরীফুল আলম  
ক্যান্সার

22.02.2020

চেম্বার: **মাউন্ট ডায়াগনস্টিক সেন্টার**

৯৪ এস. এস. খালেদ রোড, জামালখান  
আসকার দিঘীর পূর্ব পাড় (সলিমা সিরাজ  
মহিলা মাদ্রাসার বিপরীতে), ঢেঁড়িয়া:

সাক্ষাতের সময়:

সকাল ৯টা - বিকাল ৫টা  
শুধুমাত্র শুক্রবার

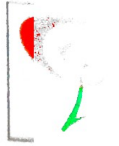
সিরিয়ালের জন্য: ০১৯৩৫-৫৬৭১৫০

টেলিফোন:

চেম্বার: ০৩১-৬১০৫১০, ০৩১-৬৩৬৩৩৪

মোবাইল: ০১৮১৯-২৮৬০৫৬

ই-মেইল: alamamms@gmail.com



**HAEMATOTOLOGY REPORT**

VN : OP200101597923 AN: N/A Cabin/Ward :  
 HN : R200101723687 Age : 42Y 1D  
 Name : Mr. Agnes Biswas Gender : Male  
 Ref.By : Prof. Golam Mohiuddin Akbar Chowdhury A)MBBS, FCPS (Surgery), FICS (USA)

\*R200101723687\* H N V N \*OP200101597923\*

Specimen : Blood Collection Date : 14/01/2020 20:54:00 Finalized Date : 15/01/2020 10:32

Investigation : PBF

PARAMETERS	RESULT	REFERENCE RANGE
Haemoglobin	7.5 g/dl	13.00 -17.00 g/dl
ESR(Westergren)	64 mm in 1st hour	0- 10 mm in 1st hour

**Total Count**

Red Blood Cells	2.8 x10 <sup>12</sup> /L	4.5-5.5 x10 <sup>12</sup> /L
Platelets	230 x10 <sup>9</sup> /L	150-400 x10 <sup>9</sup> /L
White Blood Cells	12.0 x10 <sup>9</sup> /L	4-11 x10 <sup>9</sup> /L

**Differential Count**

Neutrophils	34 %	40-75 %
Lymphocytes	61 %	20-40 %
Monocytes	04 %	2-10 %
Eosinophils	01 %	1-7 %
Basophils	00 %	<1 %

**Red Cell Indices**

H.C.T./P.C.V.	24 %	40-54 %
M.C.V.	85 fL	76-92 fL
M.C.H.	27 pg	27-32 pg
M.C.H.C.	31 g/dL	32-36 g/dL
R.D.W.-C.V.	16 %	12-14 %

**Blood Film:**

RBC : Anisochromic and anisocytic with rouleaux formation.  
 WBC : Mature with above count and distribution  
 Platelets : Adequate.  
 Comments: Normochromic normocytic anaemia with lymphocytosis.

Checked By

Technologist/ Technician

Dr. Farhana Akroz  
 MBBS (DU), M.Phil(Clinical Pathology)  
 Asst. Professor  
 Green Life Medical College, Dhaka





Center for Diagnosis and Cancer Research

**ANOWARA MEDICAL SERVICES**

Hosue # 22/A, Road # 2, Dhanmondi Residential Area  
Dhaka-1205, Bangladesh. Phone: 01971534317, 01971534318

**HISTOPATHOLOGY REPORT**

Patient's Name : Mrs. Agnes Biswas	Patient's ID : 000000652000
Age : 42 Year(s) Sex : Female	Case ID : 190000070245
Referred By : Prof. AMM Shariful Alam MBBS, FCPS Radiotherapy	
Specimen : Mediastinal mass right	Lab No : 19-001-28501
Investigation : Histopathology	Exam Date : 04 Jan 2020

**Macroscopic Description**

Specimen received in formalin with proper lab no and with patient's identification consists of four linear pieces of tissue. The largest one measures about 2.0x0.2x0.1 cm. Embedded as such.  
(DRS)

**Microscopic Description**

Sections show a tumour made of neoplastic thymic epithelial cells having a spindle shape lacking nuclear atypia accompanied with lymphocytes. The tumour cells have involved the capsule. It also shows infiltration by monotonous population of immature lymphoid cells.  
(dmgm)

**Dx**

Mediastinal mass right (core biopsy) : Thymoma, D/D - NonHodgkin's lymphoma.

With Compliments for kind referral

**(Dr. Mohammad Golam Mostafa)**

MBBS, M Phil Pathology (Honors)  
WHO Fellow in Cytopathology, Bangkok  
Ex Professor of Histopathology  
National Institute of Cancer Research and Hospital  
E-mail: anowarams@gmail.com

আনোয়ারা মেডিকেল সার্ভিসেস

বাসা নং-২২এ, রাস্তা নং-২,

ধানমন্ডী আবাসিক এলাকা, ঢাকা

ফোন: ৯৬১১৮০১, ৯৬১২৩৩৭

রোগীর অন্য রিপোর্ট/অবস্থার সাথে অমিল হলে ২১ দিনের ভিতর এনে রিপোর্ট রিভিউ করে দেখা হবে।



**HAEMATOLOGY REPORT**

Patient's Name : Mrs. Agnes Biswas	Patient's ID : 000000652000
Age : 42 Year(s) Sex : Female	Case ID : 190000070245
Referred by : Prof. AMM Shariful Alam MBBS, FCPS Radiotherapy	
Specimen : Blood	Lab No : 19-024-1789
Investigation : Haematology	Exam Date : 01 Jan 2020

**Result**

**Normal Range**

**BTCT**

: Bleeding Time : 3 minutes 15 Seconds  
(Normal upto 11 minutes)  
Clotting Time : 5 minutes 30 Seconds  
(Normal 6-9 minutes)

With Compliments for kind referral

**(Dr. Mohammad Golam Mostafa)**  
MBBS, M Phil Pathology (Honors)  
WHO Fellow in Cytopathology, Bangkok  
Ex Professor of Histopathology  
National Institute of Cancer Research and Hospital

আনোয়ারা মেডিকেল সার্ভিসেস  
বাসা নং-২২এ, রাস্তা নং-২,  
ধানমন্ডী আবাসিক এলাকা, ঢাকা  
ফোন: ৯৬১১৮০১, ৯৬১২৩৩৭

রোগীর অন্য রিপোর্ট/অবস্থার সাথে অমিল হলে ২১ দিনের ভিতর এলে রিপোর্ট রিভিউ করে দেয়া হবে।





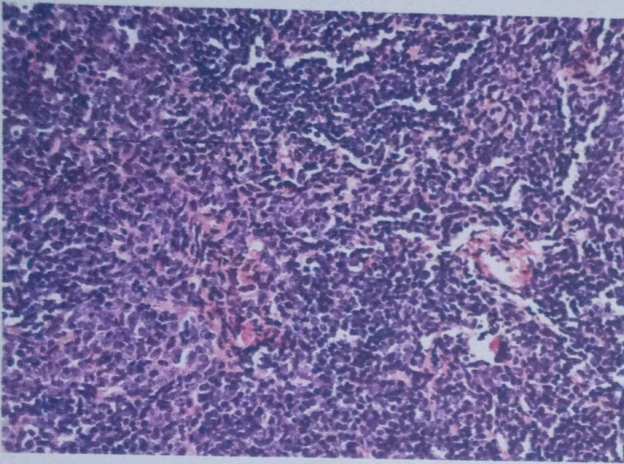
Center for Diagnosis and Cancer Research

**ANOWARA MEDICAL SERVICES**

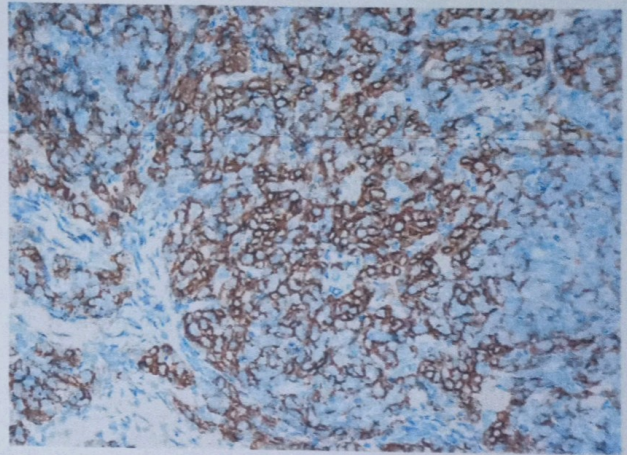
Hosue # 22/A, Road # 2, Dhanmondi Residential Area  
Dhaka-1205, Bangladesh. Phone: 01971534317, 01971534318

**IMMUNOCYTO-HISTOCHEMISTRY REPORT**

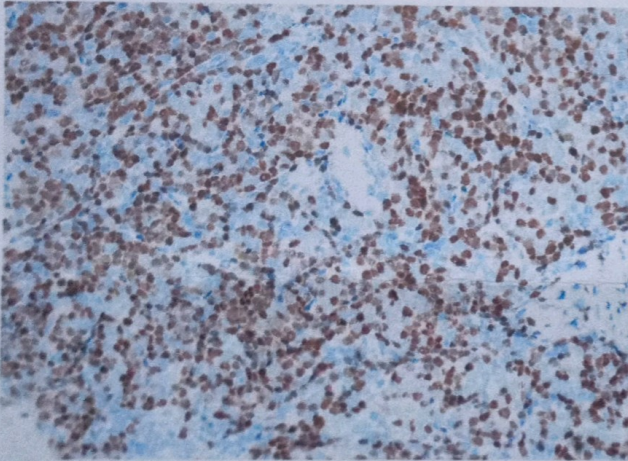
Patient's Name :	Mrs. Agnes Biswas	Patient's ID :	000000652000
Age :	42 Year(s) Sex : Female	Case ID :	190000070247
Referred by :	Prof. AMM Shariful Alam MBBS, FCPS Radiotherapy	Lab No :	19-022-3426
Specimen :	Paraffin block prepared from mediastinal mass right	Exam :	05 Jan 2020
Investigation :	Immunocyto-histochemistry		



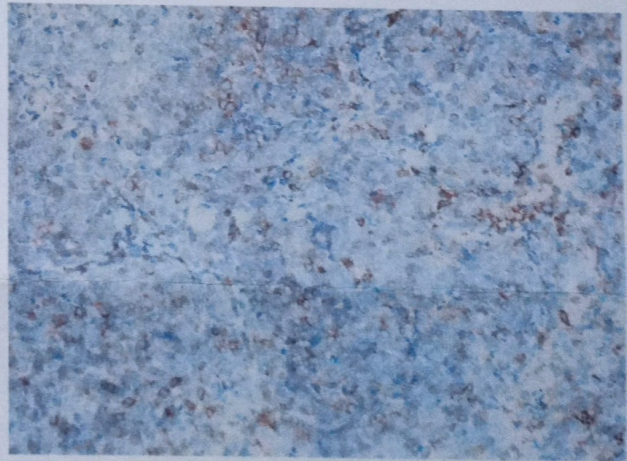
H&E; Thymoma, D/D - NonHodgkin lymphoma.



Cytokeratin; Positive



TdT; Positive



CD5; Positive few cell

**Material submitted** : Paraffin block prepared from mediastinal mass right.

রোগীর অন্য রিপোর্ট/অবস্থার সাথে অমিল হলে ২১ দিনের ভিতর এলে রিপোর্ট রিভিউ করে দেয়া হবে।



**Working diagnosis** : Thymoma, D/D - NonHodgkin lymphoma.

**Cytokeratin/Pankeratin** : The tumour cells are Positive.

**TdT** : The tumour cells are Positive.

**CD5** : A few tumour cells are Positive.

**Interpretation** : Thymoma, lymphocytic Type AB.

With Compliments for kind referral

**(Dr. Mohammad Golam Mostafa)**

MBBS, M Phil Pathology (Honors)

WHO Fellow in Cytopathology, Bangkok

Ex Professor of Histopathology

National Institute of Cancer Research and Hospital

E-mail: anowarams@gmail.com

আনোয়ারা মেডিকেল সার্ভিসেস

বাসা নং-২২এ, রাস্তা নং-২,

ধানমন্ডী আবাসিক এলাকা, ঢাকা

ফোন: ৯৬১১৮০১, ৯৬১২৩৩৭

রোগীর অন্য রিপোর্ট/অবস্থার সাথে অমিল হলে ২১ দিনের ভিতর এলে রিপোর্ট রিভিউ করে দেয়া হবে।



Ref Prof A. M. M. Shariful Alam

Prof. Dr. Md. Kamrul Alam

MBBS, MS (Cardiothoracic Surgery)  
Professor & Head  
Department of Thoracic Surgery  
Dhaka Medical College & Hospital, Dhaka.  
Mobile: 01819-297203  
E-mail: kamrulk42@yahoo.com



Chamber :  
**SAMORITA HOSPITAL**  
89/1, Panthapath, Dhaka-1215  
Phone: 9131901 (Ext. 205)

বক্ষব্যাপি ও খাদ্যনালী বিশেষজ্ঞ সার্জন

13/01/2020

Mr Agnes Biswas 42 yrs.

Exertional palpitation.  
No otherwise normal  
H/o ↓ Hb/.  
Incidentally diagnosed  
as mediastinal mass.

Known case  
of Hypothyroidism

Comment: . Apparently operable.

. Thoracotomy & Excisional biopsy.

Location of Surgery, its possible outcome  
& complications have been explained  
to the patient.

13/01/2020

No dysphagia  
No SOB.  
DM ⊖  
HTN ⊖

OT/E  
Anacuria ⊕⊕  
clubfoot ⊖  
Neck gl: Np.  
Belsa: 80%  
Bp : 120/80 mm  
Chst: NAD,

CXR. Left lower lobe mass

FAC:

Core biopsy. Thymoma D/D NHL  
IHC Thymoma : lymphocytic Type A0.

CT scan - Intra-thoracic mass  
& Thyroid mass hyperplastic

Refd to DMCH

১৩/০১/২০২০

১৩/০১-২০২০

১৩/০১-২০২০



অধ্যাপক (ডাঃ) গোলাম মোহিউদ্দিন আকবর চৌধুরী  
এফসিপিএস (সার্জারী), এফআইসিএস (ইউএসএ)  
অধ্যাপক, বক্ষব্যাদি সার্জারী (অবঃ)  
জাতীয় বক্ষব্যাদি ইনস্টিটিউট এন্ড হসপিটাল, ঢাকা।

PROF. (DR.) GOLAM MOHIUDDIN AKBAR CHOWDHURY  
FCPS (Surgery), FICS (USA)  
**Professor, Thoracic Surgery (Rtd)**  
National Institute of Chest Disease & Hospital, Dhaka.

Name : Mr Agnes Biswas Age : 42y, Date : 14 JAN 2020

CC

AD

Medias. mass

Med. and Cervical  
lymphadenopathy

Explained severe anaemia.

Cancer Prognosis + ICH.

- Thyroxine Type AB.

Surgical intervention for med  
mass with risk.

Re dx

- Periph. Bst and files.

Hb% - 7.5

RBC - ↓↓

Ref to Haematologist for 20.

Re.

Chamber :

**Green Life Hospital Ltd.**

32, Green Road (Biruttom K.M. Shafiullah Sarak), Dhaka-1205  
Telephone : 9612345-54

Consulting Hours :

6.00 P.M. To 9.00 P.M.

Friday and govt. Holiday closed





অধ্যাপক (ডাঃ) এম, এ, খান

এফসিপিএস (হেমাটোলজি), এফআরসিপি (এডিন)  
রক্ত রোগ বিশেষজ্ঞ ও বোন ম্যারো ট্রান্সপ্লান্ট ফিজিশিয়ান  
বিভাগীয় প্রধান, বিএমটি ইউনিট ও হেমাটোলজি বিভাগ  
ঢাকা মেডিকেল কলেজ ও হাসপাতাল, ঢাকা

চেষ্টার:

ল্যাবএইড কার্ডিয়াক হাসপাতাল  
বাড়ী নং ১, রোড নং ৪, ধানমন্ডি, ঢাকা ১২০৫  
ফোন : ৫৮৬১০৭৯৩-৮, ৯৬৭০২১০-৩, ৮৬৩১১৭৭  
হটলাইন : ১০৬০৬

Prof. (Dr.) M. A. Khan

FCPS (Haematology), FRCP (Edin)  
Haematologist & BMT Physician  
Head of Haematology & BMT Unit  
Dhaka Medical College & Hospital, Dhaka  
President, Bangladesh Society of Hematology

Name: Oney  
69 yr

Mrs. Agnes Biswas (42y)

Date: .....  
15 JAN 2020

01818922144

Hypothyroid + ? Thyrome

Core biopsy

→ Thymoma/NHL

● IHC →  
Cytokeratin (+)  
TdT: +ve  
CD5 +ve

dx - Thymoma  
Lymphocytic T7R AB

- ✓ Adv
- ① BMS
  - ② ~~Flow for LPN~~
  - ③ S-ferritin<sup>sm</sup>
  - ④ LDH
  - ⑤ POF + RC

● CBC →  
Lymphocytosis  
TC, 12% L = 61%  
Hb = 7.5 gm/dl.

B. Marrow aspiration  
done under LIA with  
aseptic measure

- Rp
- ① Td Wapa Rapid  
1+1+1 (10) ৩৫%
  - ② Gp. SK-rare (500 up)  
1+1+1 (15) ৩৫%

রোগী দেখার সময় : সন্ধ্যা ৬:৩০ মিঃ থেকে রাত ৯:০০টা (বৃহস্পতি ও শুক্রবার বন্ধ)

রক্তশূন্যতা, হেমোরাজিকডেসু, থ্যালাসেমিয়া, মাইলোমা, লিমফোমা, ব্লাড ক্যান্সার, অস্বাভাবিক রক্তক্ষরণ ও অন্যান্য রক্ত রোগের বিশেষজ্ঞ চিকিৎসক।



## অধ্যাপক (ডাঃ) এম, এ, খান

এফসিপিএস (হেমাটোলজি), এফআরসিপি (এডিন)  
রক্ত রোগ বিশেষজ্ঞ ও বোন ম্যারো ট্রান্সপ্লান্ট ফিজিশিয়ান  
বিজ্ঞানীয় প্রধান, বিএমটি ইউনিট ও হেমাটোলজি বিভাগ  
ঢাকা মেডিকেল কলেজ ও হাসপাতাল, ঢাকা

## চেম্বার:

### ল্যাবএইড কার্ডিয়াক হাসপাতাল

বাড়ী নং ১, রোড নং ৪, ধানমন্ডি, ঢাকা ১২০৫  
ফোন : ৫৮৬১০৭৯৩-৮, ৯৬৭০২১০-৩, ৮৬৩১১৭৭  
হটলাইন : ১০৬০৬

## Prof. (Dr.) M. A. Khan

FCPS (Haematology), FRCP (Edin)  
Haematologist & BMT Physician  
Head of Haematology & BMT Unit  
Dhaka Medical College & Hospital, Dhaka  
President, Bangladesh Society of Hematology

Name :

Date.....

Name: **Anges Biswas**  
Phone: **01818922144**

Age: **42 years**  
ID: **19012003**

Weight: **69 kg** Date: **19/1/2020**  
Blood Group: **O-** Disease: **Thymoma**

### Chief Complaint

- anaemia + palpitation > Hb;4.8g  
> BTx4 units
- Known case of Hypothyroidism
- RC;0.1%, CBC; Tc;12x, L;61%,  
LDH;247x, Ferritin;1349ng
- BMS; Lymphoid hyperplasia ( 40-  
50%).

### On Examinations

- Weight: 69 kg

### Diagnosis

- Hypothyroidism
- Thymoma with anaemia( marrow  
infiltrative).

### Investigation

- Flow from blood /Marrow.

### Treatment Plan

- Staging needed.

Consult with Prof. Shanjid Alam

*Am*

রোগী দেখার সময় : সন্ধ্যা ৬:৩০ মিঃ থেকে রাত ৯:০০টা (বৃহস্পতি ও শুক্রবার বন্ধ)

রক্তশূন্যতা, হেমোরজিকডেঙ্গু, থ্যালাসেমিয়া, মাইলোমা, লিম্ফোমা, ব্লাড  
ক্যান্সার, অস্বাভাবিক রক্তক্ষরণ ও অন্যান্য রক্ত রোগের বিশেষজ্ঞ চিকিৎসক।





### HAEMATOLOGY REPORT



Invoice No : V2001681764      Invoice Date : 15/01/20      Delivery Date : 18/01/20      Report No : 12001096758  
Patient Name : MRS. AGNES BISWAS      Age : 42 Y      Gender : Female  
Address :      Contact No. : 01818922144  
Referred By : PROF. (DR). M. A. KHAN MBBS, FCPS (Hematology), FRCP (Edin). Blood Diseases Specialist

Sample : WHOLE BLOOD      LAB. No : 12001414003  
Tests : Blood Film, Reticulocyte Count  
Sample Collected: 15/01/20 10:00 pm      Sample Received: 16/01/20 07:25 am

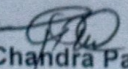
Test	Result	Reference Value
Reticulocyte Count	0.1 % (03 x10 <sup>9</sup> /L)	0.5 - 2.5% (50 - 100 x 10 <sup>9</sup> /L)
Reticulocyte Haemoglobin	25.5 pg	27-36 pg

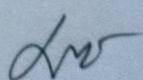
**Blood Film**  
RBC Normochromic and normocytic.  
WBC Mature with mild increased of lymphocytes.  
Platelets Adequate.  
Comment Normal morphology with mild lymphocytosis.

HN :

Powered by: MYSOFT Ltd

B98678

Prepared By :   
**Gobinda Chandra Paul**  
Medical Technologist  
Clinical Pathology and Haematology

  
**PROF. (DR). M. A. KHAN**  
MBBS, FCPS (Haema), FRCP (Edin).  
Head of Haematology & BMT Unit.  
Dhaka Medical College & Hospital.  
Senior Consultant, Lab Aid Ltd.





## BONE MARROW EXAMINATION REPORT



Invoice No : V2001681764 Invoice Date : 15/01/20 Delivery Date : 18/01/20 Report No : 12001096840  
Patient Name : MRS. AGNES BISWAS Age : 42 Y Gender : Female  
Address :  
Referred By : PROF. (DR). M. A. KHAN MBBS, FCPS (Hematology), FRCP (Edin). Blood Diseases Specialist Contact No. : 01818922144

Sample : BONE MARROW ASPIR LAB. No : 12001414000

Tests : Bone Marrow Study

Sample Collected: 15/01/20 10:02 pm

Sample Received: 15/01/20 10:03 pm

Test	Result
Clinical History	Thymoma
P B F	Mild lymphocytosis.
Site Of Aspiration	Post. iliac spine.
Consistency Of Bone	Normal.
Aspiration	Easy.
Cellularity	Moderate hypercellular for the age.
Myeloid/Erythroid ratio	Increased.
Erythropoiesis	Reduced.
Granulopoiesis	Active and mature to segmented form.
Megakaryocytes	Normal in number and mature.
Lymphocytes	Increased ( about 40 - 50%) and mature looking.
Plasma Cell	Normal in number and mature.
Histiocytes	Unremarkable.
Parasites/LD. Bodies	Not found.
Ectopic cell	Not found.

Comments : Lymphoid hyperplasia.

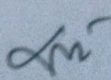


HN :

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### BIOCHEMISTRY REPORT



Invoice No : V2001681764      Invoice Date : 15/01/20      Delivery Date : 18/01/20      Report No : 12001092210  
Patient Name : MRS. AGNES BISWAS      Age : 42 Y      Gender : Female  
Address :  
Referred By : PROF. (DR). M. A. KHAN MBBS, FCPS (Hematology), FRCP (Edin). Blood Diseases Specialist      Contact No. : 01818922144

Sample : BLOOD      LAB. No : 12001414002      (810)  
Tests : LDH Serum  
Sample Collected: 15/01/20 10:00 pm      Sample Received: 15/01/20 10:54 pm

Test	Result	Reference Value
LDH	247 U/L	Male: 85 - 227 U/L, Female: 81 - 234 U/L

HN :

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## IMMUNOLOGY REPORT



Invoice No : V2001681764	Invoice Date : 15/01/20	Delivery Date : 18/01/20	Report No : 12001092305
Patient Name : MRS. AGNES BISWAS	Age : 42 Y		Gender : Female
Address :	Contact No. : 01818922144		
Referred By : PROF. (DR). M. A. KHAN MBBS, FCPS (Hematology), FRCP (Edin). Blood Diseases Specialist			
Sample : BLOOD	LAB. No : 12001414001	(759)	
Tests : Ferritin			
Sample Collected: 15/01/20 10:00 pm	Sample Received: 15/01/20 10:56 pm		

Test	Result	Reference Value
Ferritin	<b>1349.0</b> ng/ml	Adult Male : 18.0 - 270.0 ng/ml Adult Female : 18.0 - 160.0 ng/ml Children : 7.0 - 140.0 ng/ml 1-5 Months : 50.0 - 200.0 ng/ml New Born : 25.0 - 200.0 ng/ml

Method: Automated Chemiluminescence Immunoassay  
Instrument: Advia Centaur XP.

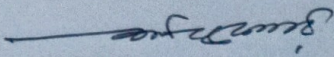


HN :

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B98678

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