In case of the reply the number
And the date of this letter
Should be quoted

Tel: 0244055265/0243272956
My ref. No: GHS/AMDH/ME/F.56
Your ref:
E-Mail-nyinahindishosp@gmail.com

GHANA HEALTH SERVICE
Your Health - Our Concern

ATWIMA MPONUA DISTRICT HOSPITAL
P. O. Box 60
Nyinahin
ASHANTI REGION
GHANA

25TH SEPTEMBER 2024

TO WHOM IT MAY CONCERN

MEDICAL REPORT
REF: ERICA ODURO
SEX: FEMALE
AGE: TWENTY-TWO (22) YEARS

The above-named reported at Nyinahin District Hospital, with complains of severe Lower Abdominal pain and Bleeding per Vagina. After assessment and scan report she was managed for Right Ovaria Hemorrhagic Cyst and abnormal Uterine Bleeding complicated by Anaemia which kept her from school a while.

Please, I will be very grateful if she could be excuse from any Strenuous work.

Kindly give her the necessary support.

Counting on your usual cooperation.

Thank you.

ESSAH-ADJEI HALIFAX
PHYSICIAN ASSISTANT
NYINAHIN DISTRICT HOSPITAL
ASHANTI

HALIFAX ESSAH-ADJEI
SENIOR PHYSICIAN ASSISTANT

Global Medical & Imaging Centres Ltd. (GMIC)
P.O. Box KS 15937
Kumasi-Ghana
Tel: 0322022027 / 0205021422
info@gmicgh.com | www.gmicgh.com

NAME: ODURO ERICA

AGE: 22 YEARS

SEX: F

DATE: MAY 29, 2025.

INDICATION: PERIPHERAL NEUROPATHY, PERSISTENT TREMORS OF THE LEGS.

LUMBOSACRAL SPINE CT - REPORT

TECHNIQUE: Pre- and post-contrast axial and MPR CT images of the lumbosacral spine.

FINDINGS:

There is diffuse trabecula thickening involving all the vertebral bodies and posterior elements as well as mild central endplate depression at multiple levels.
The lumbar spine is mildly straightened – likely due to pain or muscle spasms.
No spondylolisthesis.
The vertebral bodies have normal heights.
There are no osteophytes.
The prevertebral and paravertebral soft tissues are unremarkable.

L1/L2 LEVEL – the intervertebral disc, spinal canal, neural foramina (and their content), ligamenta flava and facet joints are normal.
L2/L3 LEVEL – the intervertebral disc, spinal canal, neural foramina (and their content), ligamenta flava and facet joints are normal.
L3/L4 LEVEL – the intervertebral disc, spinal canal, neural foramina (and their content), ligamenta flava and facet joints are normal.
L4/L5 LEVEL - the intervertebral disc, spinal canal, neural foramina (and their content), ligamenta flava and facet joints are normal.
L5/S1 LEVEL - the intervertebral disc, spinal canal, neural foramina (and their content), ligamenta flava and facet joints are normal.

IMPRESSION:

Diffuse trabecula thickening involving all the vertebral bodies and posterior elements as well as mild central endplate depression at multiple levels.

Possible causes include hemoglobinopathies such as sickle cell disease, chronic anaemia and lymphoproliferative disorders.

DR EDMUND TAGOE (RADIOLOGIST)

MDS-LANCET LABORATORIES

Ghana Limited

Key to Diagnostic Excellence

In partnership with Lancet Laboratories South Africa

ISO/IEC 15189 :2012 ACCREDITED LABORATORY

MDS-LANCET LABORATORIES GHANA LTD.
Kumasi Branch
Fax: 0302 306 746
www.mds-lancet.com

MEDICAL LABORATORY REPORT

Other Doctors

For Doctor
PATIENT REFERRING DOCTOR
MDS-LANCET LABS - KUMASI

.... KUMASI

Patient	: ERICA ODURO	Guarantor	: MS E ODURO
Doctors Ref	: NOT AVAILABLE	MedAid	: CASH N
Age/Sex/DOB	: 22 / F /	Tel	: 0553054519
Id Num	: OE0553054519		(W) NOT AVAILABLE
Lab Ref	: 702821317	Collection Date	: 14/03/25 1320
MRI No.	: GN01817617	Received Date	: 14/03/25 1327
Spec #	: 0314:HR00326L	FINAL Report Date	: 19/03/25 1829

Requested : ., U/E+CR, LFT, FBC+ FILM COMMENT, COAG

HAEMATOLOGY

Test	Result			Reference
FULL BLOOD COUNT				
RBC	4.41		/pl	3.8 - 5.8
Hb (HAEMOGLOBIN)	13.1		g/dL	11.5 - 16.5
HAEMATOCRIT	0.39		L/L	0.36 - 0.47
MCV	88		fL	76 - 99
MCH	29.7		pg	26 - 34
MCHC	33.7		g/dL	30 - 37
RDW	14.0		%	11.0 - 16.0
PLATELETS	285		x 10^9/L	150 - 450
WBC ONLY (NO DIFF.COUNT)	7.5		x 10^9/L	4.0 - 12.0
Please note change in reference range.				
NEUTROPHILS	66.6%		5.00 x 10^9/L	2.0-7.5
LYMPHOCYTES	27.9%		2.09 x 10^9/L	1.0-4.0
MONOCYTES	4.7%		0.35 x 10^9/L	0.2-1.0
EOSINOPHILS	0.4%	L	0.03 x 10^9/L	0.05-0.5
BASOPHILS	0.4%		0.03 x 10^9/L	0.00 - 0.20

Normocytic, normochromic, rouleux
White cells show neutrophils with toxic granulation
Platelets appears more on film. Clumps present

Suggest: Screen for an infection

LABORATORIES
Ghana Limited
Key to Diagnostic Excellence
in partnership with Lancet Laboratories South Africa
ISO/IEC 15189 :2012 ACCREDITED LABORATORY

MDS-LANCET LABORATORIES GHANA LTD.
Kumasi Branch
Fax: 0302 306 746
www.mds-lancet.com

MEDICAL LABORATORY REPORT

For Doctor
PATIENT REFERRING DOCTOR
MDS-LANCET LABS - KUMASI

.... KUMASI

Other Doctors

Patient	: ERICA ODURO	Guarantor	: MS E ODURO
Doctors Ref	: NOT AVAILABLE	MedAid	: CASH N
Age/Sex/DOB	: 22 / F /	Tel	: 0553054519
Id Num	: OE0553054519		(W) NOT AVAILABLE
Lab Ref	: 702821317	Collection Date	: 14/03/25 1320
MRI No.	: GN01817617	Received Date	: 14/03/25 1327
Spec #	: 0314:BR00506L	FINAL Report Date	: 14/03/25 1656

Requested : ., U/E+CR, LFT, FBC+ FILM COMMENT, COAG

BIOCHEMISTRY

Test	Result			Reference
RENAL				
> S-SODIUM	139	mmol/L		136 - 145
> S-POTASSIUM	4.1	mmol/L		3.5 - 5.1
> S-CHLORIDE	107	mmol/L		98 - 107
> TOTAL CO2 (bicarbonate),	20.37	mmol/L	L	21 - 31
> S-UREA	2.8	mmol/L		2.1 - 7.1
> S-CREATININE	59	umol/L		44 - 80
> eGFR-(CKD-EPI)	> 89	mL/min		
Consistent with normal GFR (if no evidence of kidney damage is present).				
NB: KDIGO 2012 Guidelines recommend Urine Albumin measurement as part of CKD Classification using eGFR.				
NB: eGFR = mL/min/1.73m^2				
LIVER FUNCTION TESTS				
> S-BILIRUBIN (Total)	16	umol/L		3.42 - 20.52
> S-BILIRUBIN conjugated	3	umol/L		< 5
> S-ALKALINE PHOSPHATASE	53	IU/L		35 - 105
> S-g-GLUTAMYL TRANSFERASE	60	IU/L	H	< 38
> S-ALT (GPT)	27	IU/L		0 - 33
> S-AST (GOT)	37	IU/L	H	0 - 32
> TOTAL PROTEIN, serum	79.2	g/L		66 - 83
Please note the change in reference range				
> ALBUMIN, serum	49.0	g/L		35 - 52
Please note the change in reference range				

LIMITATION OF PROCEDURE
As with all diagnostic tests, a definite clinical diagnosis should not be based on the results of a single test, but should be made by physician after all clinical and laboratory findings have been evaluated. Please notify the Lab to repeat the test if clinical suspicion and/or clinical symptoms is in discordant with our results

MDS-LANCET LABORATORIES

Ghana Limited

Key to Diagnostic Excellence

In partnership with Lancet Laboratories South Africa

ISO/IEC 15189 :2012 ACCREDITED LABORATORY

MDS-LANCET LABORATORIES GHANA LTD.
Kumasi Branch
Fax: 0302 306 746
www.mds-lancet.com

MEDICAL LABORATORY REPORT

For Doctor
PATIENT REFERRING DOCTOR
MDS-LANCET LABS - KUMASI

Other Doctors

.... KUMASI

Patient	: ERICA ODURO	Guarantor	: MS E ODURO
Doctors Ref	: NOT AVAILABLE	MedAid	: CASH N
Age/Sex/DOB	: 22 / F /	Tel	: 0553054519
Id Num	: OE0553054519		(W) NOT AVAILABLE

Lab Ref	: 702821317	Collection Date	: 14/03/25 1320
MRI No.	: GN01817617	Received Date	: 14/03/25 1327
Spec #	: 0314:HR00326L	INTERIM Report Date	: 14/03/25 1656

Requested : ., U/E+CR, LFT, FBC+ FILM COMMENT, COAG

HAEMATOLOGY

Test	Result		Reference
FULL BLOOD COUNT			
> RBC	4.41	/pl	3.8 - 5.8
> Hb (HAEMOGLOBIN)	13.1	g/dL	11.5 - 16.5
> HAEMATOCRIT	0.39	L/L	0.36 - 0.47
> MCV	88	fL	76 - 99
> MCH	29.7	pg	26 - 34
> MCHC	33.7	g/dL	30 - 37
> RDW	14.0	%	11.0 - 16.0
> PLATELETS	285	x 10^9/L	150 - 450
> WBC ONLY (NO DIFF.COUNT)	7.5	x 10^9/L	4.0 - 12.0

Please note change in reference range.

> NEUTROPHILS	66.6%	5.00	x 10^9/L	2.0-7.5
> LYMPHOCYTES	27.9%	2.09	x 10^9/L	1.0-4.0
> MONOCYTES	4.7%	0.35	x 10^9/L	0.2-1.0
> EOSINOPHILS	0.4% L	0.03	x 10^9/L	0.05-0.5
> BASOPHILS	0.4%	0.03	x 10^9/L	0.00 - 0.20

INTERIM REPORT - SLIDE REVIEW AND COMMENT TO FOLLOW

******* INTERIM REPORT *******
******* INTERIM REPORT *******
******* INTERIM REPORT *******
******* INTERIM REPORT *******
******* INTERIM REPORT *******
******* INTERIM REPORT *******

Final Verified Report to Follow

** End of Report **

MDS-LANCET LABORATORIES

Ghana Limited
Key to Diagnostic Excellence
In partnership with Lancet Laboratories South Africa
ISO/IEC 15189 :2012 ACCREDITED LABORATORY

MDS-LANCET LABORATORIES GHANA LTD.
Kumasi Branch
Fax: 0302 306 746
www.mds-lancet.com

MEDICAL LABORATORY REPORT

For Doctor
PATIENT REFERRING DOCTOR
MDS-LANCET LABS - KUMASI

.... KUMASI

Other Doctors

Patient	: ERICA ODURO	Guarantor	: MS E ODURO
Doctors Ref	: NOT AVAILABLE	MedAid	: CASH N
Age/Sex/DOB	: 22 / F /	Tel	: 0553054519
Id Num	: OE0553054519		(W) NOT AVAILABLE
Lab Ref	: 702821317	Collection Date	: 14/03/25 1320
MRI No.	: GN01817617	Received Date	: 14/03/25 1327
Spec #	: 0314:HC00026L	FINAL Report Date	: 14/03/25 1656

Requested : ., U/E+CR, LFT, FBC+ FILM COMMENT, COAG

HAEMATOLOGY

Test	Result			Reference
> PROTHROMBIN TIME (CONT.)	9.7	Secs		
> PROTHROMBIN TIME PATIENT	8.1	Secs		
> PROTHROMBIN INDEX CALC.	100	%		
> INT.NORM.RATIO (INR)	1.00			1.00 - 1.25
International Normalised Ratio (INR)				
Reference Range: Non-Therapeutic	*0.9 - 1.2*			
Therapeutic	*2.4 - 4.5*			
> APTT (PATIENT)	20.5	Secs	L	25 - 40
> PTT RATIO	0.71			

LIMITATION OF PROCEDURE
As with all diagnostic tests, a definite clinical diagnosis should not be based on the results of a single test, but should be made by physician after all clinical and laboratory findings have been evaluated. Please notify the Lab to repeat the test if clinical suspicion and/or clinical symptoms is in discordant with our results
For consultation by referring doctors only, please call:
Dr Colin de Bruyn +2711 358 0800
Dr Yannis Pillay +2711 358 0800
Dr Lindsay Earlam +2711 358 0800

AMPON,IO:GH_KSI_REP_PRT:REPRINT.a4:3058789 ** End of Report **