

Dr. Vimmi Goel  
MBBS, MD (Internal Medicine)  
Sr. Consultant Non Invasive Cardiology  
Reg. No: MMC-2014/01/0113  
C.N: 7499913052

 **KIMS-KINGSWAY  
HOSPITALS**

Name: Mrs. Usha Khayani Date: 01/11/23

Age: 59y Sex: M/F Weight: 59.5 kg Height: 158.2 Inc BMI: 23.8

BP: 133/71 mmHg Pulse: 80 bpm RBS: \_\_\_\_\_ mg/dl

SpO<sub>2</sub> = 97%

Menopause 8y



**CLINICAL DIAGNOSTIC LABORATORY  
DEPARTMENT OF PATHOLOGY**

<b>Patient Name</b> : Mrs. Usha Khiyani	<b>Age / Gender</b> : 59 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324052129/KH42744	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 01-Nov-23 09:16 am	<b>Report Date</b> : 01-Nov-23 11:37 am

**HAEMOGRAM**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Haemoglobin	Blood	12.4	12.0 - 15.0 gm%	Photometric
Haematocrit(PCV)		38.3	36.0 - 46.0 %	Calculated
RBC Count		4.26	3.8 - 4.8 Millions/cumm	Photometric
Mean Cell Volume (MCV)		90	83 - 101 fl	Calculated
Mean Cell Haemoglobin (MCH)		29.1	27 - 32 pg	Calculated
Mean Cell Haemoglobin Concentration (MCHC)		32.3	31.5 - 35.0 g/l	Calculated
RDW		14.0	11.5 - 14.0 %	Calculated
Platelet count		249	150 - 450 10 <sup>3</sup> /cumm	Impedance
WBC Count		4800	4000 - 11000 cells/cumm	Impedance
<b><u>DIFFERENTIAL COUNT</u></b>				
Neutrophils		60.4	50 - 70 %	Flow Cytometry/Light microscopy
Lymphocytes		33.7	20 - 40 %	Flow Cytometry/Light microscopy
Eosinophils		1.9	1 - 6 %	Flow Cytometry/Light microscopy
Monocytes		4.0	2 - 10 %	Flow Cytometry/Light microscopy
Basophils		0.0	0 - 1 %	Flow Cytometry/Light microscopy
Absolute Neutrophil Count		2899.2	2000 - 7000 /cumm	Flow Cytometry/Light microscopy Calculated



**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF PATHOLOGY**

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<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Absolute Lymphocyte Count		1617.6	1000 - 4800 /cumm	Calculated
Absolute Eosinophil Count		91.2	20 - 500 /cumm	Calculated
Absolute Monocyte Count		<b>192</b>	200 - 1000 /cumm	Calculated
Absolute Basophil Count		0	0 - 100 /cumm	Calculated
<b><u>PERIPHERAL SMEAR</u></b>				
WBC		As Above		
Platelets		Adequate		
<b>ESR</b>		16	0 - 30 mm/hr	Automated Westergren's Method
*** End Of Report ***				

Suggested Clinical Correlation \* If necessary, Please discuss

Verified By : : 11100511

Test results related only to the item tested.

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**Dr. GAURI HARDAS, MBBS,MD**  
**CONSULTANT PATHOLOGIST**



**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF BIOCHEMISTRY**

<b>Patient Name</b> : Mrs. Usha Khiyani	<b>Age /Gender</b> : 59 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324052129/KH42744	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 01-Nov-23 09:15 am	<b>Report Date</b> : 01-Nov-23 11:27 am

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Fasting Plasma Glucose	Plasma	<b>106</b>	< 100 mg/dl	GOD/POD,Colorimetric
Post Prandial Plasma Glucose		112	< 140 mg/dl	GOD/POD, Colorimetric
<b>GLYCOSYLATED HAEMOGLOBIN (HbA1C)</b>				
<b>HbA1c</b>		5.2	Non-Diabetic : <= 5.6 % Pre-Diabetic : 5.7 - 6.4 % Diabetic : >= 6.5 %	HPLC

\*\*\* End Of Report \*\*\*

Suggested Clinical Correlation \* If necessary, Please discuss

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Phone: +91 0712 6789100  
CIN: U74999MH2018PTC303510



**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF BIOCHEMISTRY**

<b>Patient Name</b> : Mrs. Usha Khiyani	<b>Age / Gender</b> : 59 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324052129/KH42744	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 01-Nov-23 09:16 am	<b>Report Date</b> : 01-Nov-23 11:27 am

**LIPID PROFILE**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Method</u>
Total Cholesterol	Serum	<b>264</b>	Enzymatic(CHE/CHO/POD)
Triglycerides		112	Enzymatic (Lipase/GK/GPO/POD)
HDL Cholesterol Direct		65	Phosphotungstic acid/mgcl-Enzymatic (microslide)
LDL Cholesterol Direct		<b>166.34</b>	Enzymatic
VLDL Cholesterol		22	Calculated
Tot Chol/HDL Ratio		4	Calculation

<u>Intiate therapeutic</u>	<u>Consider Drug therapy</u>	<u>LDC-C</u>
CHD OR CHD risk equivalent	>100	>130, optional at 100-129
Multiple major risk factors conferring 10 yrs CHD risk >20%	>130	10 yrs risk 10-20 % >130
Two or more additional major risk factors, 10 yrs CHD risk <20%	>160	10 yrs risk <10% >160
No additional major risk or one additional major risk factor	>190, optional at 160-189	<160

\*\*\* End Of Report \*\*\*

Suggested Clinical Correlation \* If neccessary, Please discuss

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**Dr. GAURI HARDAS, MBBS,MD**  
**CONSULTANT PATHOLOGIST**





**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF BIOCHEMISTRY**

<b>Patient Name</b> : Mrs. Usha Khiyani	<b>Age / Gender</b> : 59 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324052129/KH42744	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 01-Nov-23 11:29 am	<b>Report Date</b> : 01-Nov-23 11:57 am

<u>Parameter</u>	<u>Specimen</u>	<u>Result Values</u>	
<b>URINE SUGAR</b>			
Urine Glucose		Negative	
<b>THYROID PROFILE</b>			
T3		1.53	0.55 - 1.70 ng/ml Enhanced chemiluminescence
Free T4		1.32	0.80 - 1.70 ng/dl Enhanced Chemiluminescence
TSH		2.16	0.50 - 4.80 uIU/ml Enhanced chemiluminescence

\*\*\* End Of Report \*\*\*

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**CLINICAL DIAGNOSTIC LABORATORY**

**DEPARTMENT OF BIOCHEMISTRY**

**Patient Name** : Mrs. Usha Khlyani **Age / Gender** : 59 Y(s)/Female  
**Bill No/ UMR No** : BIL2324052129/KH42744 **Referred By** : Dr. Vimmi Goel MBBS,MD  
**Received Dt** : 01-Nov-23 09:16 am **Report Date** : 01-Nov-23 11:27 am

<u>Parameter</u>	<u>Specimen</u>	<u>Result Values</u>	<u>Biological Reference</u>	<u>Method</u>
<b>RFT</b>				
Blood Urea	Serum	28	15.0 - 36.0 mg/dl	Urease with indicator dye
Creatinine		0.69	0.52 - 1.04 mg/dl	Enzymatic ( creatinine amidohydrolase)
GFR		99.9		Calculation by CKD-EPI 2021
Sodium		141	136 - 145 mmol/L	Direct ion selective electrode
Potassium		<b>5.22</b>	3.5 - 5.1 mmol/L	Direct ion selective electrode

**LIVER FUNCTION TEST(LFT)**

Total Bilirubin		0.60	0.2 - 1.3 mg/dl	Azobilirubin/Dyphylline
Direct Bilirubin		0.11	0.1 - 0.3 mg/dl	Calculated
Indirect Bilirubin		0.49	0.1 - 1.1 mg/dl	Duel wavelength spectrophotometric
Alkaline Phosphatase		83	38 - 126 U/L	pNPP/AMP buffer
SGPT/ALT		21	13 - 45 U/L	Kinetic with pyridoxal 5 phosphate
SGOT/AST		27	13 - 35 U/L	Kinetic with pyridoxal 5 phosphate
Serum Total Protein		7.77	6.3 - 8.2 gm/dl	Biuret (Alkaline cupric sulphate)
Albumin Serum		4.51	3.5 - 5.0 gm/dl	Bromocresol green Dye Binding
Globulin		3.26	2.0 - 4.0 gm/dl	Calculated
A/G Ratio		1.38		

\*\*\* End Of Report \*\*\*

Suggested Clinical Correlation \* If necessary, Please discuss  
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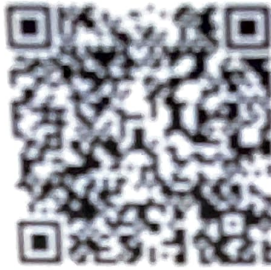
**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF PATHOLOGY**

<b>Patient Name</b> : Mrs. Usha Khiyani	<b>Age / Gender</b> : 59 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324052129/KH42744	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 01-Nov-23 10:00 am	<b>Report Date</b> : 01-Nov-23 11:57 am

**URINE MICROSCOPY**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Method</u>
<b><u>PHYSICAL EXAMINATION</u></b>			
Volume	Urine	30 ml	
Colour.		Pale yellow	
Appearance		Clear	
<b><u>CHEMICAL EXAMINATION</u></b>			
Reaction (pH)		5.0	4.6 - 8.0
Specific gravity		1.010	1.005 - 1.025
Urine Protein		Negative	Indicators ion concentration
Sugar		Negative	protein error of pH indicator
Bilirubin		Negative	GOD/POD
Ketone Bodies		Negative	Diazonium
Nitrate		Negative	Legal's est Principle
Urobilinogen		Normal	Ehrlich's Reaction
<b><u>MICROSCOPIC EXAMINATION</u></b>			
Epithelial Cells		0-1	
R.B.C.		Absent	Manual
Pus Cells		0-1	
Casts		Absent	





**CLINICAL DIAGNOSTIC LABORATORY**

**DEPARTMENT OF PATHOLOGY**

<b>Patient Name</b> : Mrs. Usha Khayani	<b>Age / Gender</b> : 59 Y(s)/Female
<b>Bill No/ UMR No</b> : B0L2324052129/KH42744	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 01-Nov-23 10:00 am	<b>Report Date</b> : 01-Nov-23 11:57 am

<b>Parameter</b>	<b>Specimen</b>	<b>Results</b>	<b>Method</b>
Crystals		Absent *** End Of Report ***	

Suggested Clinical Correlation \* If necessary, please discuss

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**Dr. GAURI HARDAS, MBBS,MD**  
**CONSULTANT PATHOLOGIST**



**CLINICAL DIAGNOSTIC LABORATORY  
DEPARTMENT OF IMMUNO HAEMATOLOGY**

<b>Patient Name</b> : Mrs. Usha Khiyani	<b>Age / Gender</b> : 59 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324052129/KH42744	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 01-Nov-23 09:16 am	<b>Report Date</b> : 01-Nov-23 12:19 pm

**BLOOD GROUPING AND RH**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	
<b>BLOOD GROUP.</b>	EDTA Whole Blood & Plasma/ Serum	" O "	Gel Card Method
<b>Rh (D) Typing.</b>		" Positive "(+Ve) *** End Of Report ***	

Suggested Clinical Correlation \* If necessary, Please discuss

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**Dr. GAURI HARDAS, MBBS,MD  
CONSULTANT PATHOLOGIST**

DEPARTMENT OF RADIOLOGY & IMAGING SCIENCE

NAME	Usha Khiyani	STUDY DATE	01-11-2023 10:42:19
AGE/ SEX	59Y7M19D / F	HOSPITAL NO.	KH42744
ACCESSION NO.	BIL2324052129-9	MODALITY	DX
REPORTED ON	01-11-2023 12:34	REFERRED BY	Dr. Vinmi Goel

**X-RAY CHEST PA VIEW**

Both the lung fields are clear.

Heart and Aorta are normal.

Both hilar shadows appear normal.

Diaphragm domes and CP angles are clear.

Bony cage is normal.

**IMPRESSION:**

No pleuro-parenchymal abnormality seen.



**DR. R. R. KHANDELWAL**

**SENIOR CONSULTANT**

**MD, RADIODIAGNOSIS [MMC-55870]**

N.B: This is only a professional opinion and not the final diagnosis. Radiological investigations are subject to variations due to technical limitations. Hence, correlation with clinical findings and other investigations should be carried out to know true nature of illness.

<b>NAME OF PATIENT:</b>	<b>MRS. USHA KHIYANI</b>	<b>AGE &amp; SEX:</b>	<b>59Y/F</b>
<b>UMR NO</b>	<b>KH2744</b>	<b>BILL NO:</b>	<b>2324052129</b>
<b>REF BY:</b>	<b>DR. VIMMI GOEL</b>	<b>DATE:</b>	<b>01/11/2023</b>

**USG ABDOMEN AND PELVIS**

LIVER is normal in size (13.9 cm) and echotexture. No evidence of any focal lesion seen. Intrahepatic biliary radicals are not dilated. PORTAL VEIN and CBD are normal in course and caliber.

GALL BLADDER is physiologically distended. No stones or sludge seen within it. Wall thickness is within normal limits.

Visualized head and body of PANCREAS is normal in shape, size and echotexture.

SPLEEN is normal in size (7.9 cm), shape and echotexture. No focal lesion seen.

Right kidney measures 10.6 x 3.8 cm. Left kidney measures 10.3 x 3.9 cm.

Both KIDNEYS are normal in shape, size and echotexture.

No evidence of calculus or hydronephrosis seen.

URETERS are not dilated.

URINARY BLADDER is well distended. No calculus or mass lesion seen.

Uterus appears atrophic with normal echotexture. No focal lesion.


Bilateral ovaries could not be visualized – likely atrophic: consistent with post-menopausal status.

No adnexal mass lesion seen.

There is no free fluid or abdominal lymphadenopathy seen.

**IMPRESSION: USG reveals,**

- **No significant visceral abnormality.**



**DR. POOJA CHANDAK**  
**MBBS, DMRD, FMF (UK)**  
**Consultant Radiologist &**  
**Fetal Medicine Specialist**  
**MMC 2016030471**



Kingsway Hospitals  
41 Kingsway, Mohan Nagar,  
Near Kasturchand Park, Nagpur

Station  
Telephone:

## EXERCISE STRESS TEST REPORT

Patient Name: Mrs. Usha , Khiyani  
Patient ID: 427441  
Height:  
Weight:  
Study Date: 01.11.2023  
Test Type: Treadmill Stress Test  
Protocol: BRUCE

DOB: 14.03.1964  
Age: 59yrs  
Gender: Female  
Race: Indian  
Referring Physician: Mediwheel HCU  
Attending Physician: Dr. Vimmi Goel  
Technician: --

**Medications:**  
--

**Medical History:**  
HTN

**Reason for Exercise Test:**  
Screening for CAD

**Exercise Test Summary:**

Phase Name	Stage Name	Time in Stage	Speed (mph)	Grade (%)	HR (bpm)	BP (mmHg)	Comment
PRETEST	SUPINE	00:00	0.00	0.00	75	120/80	
	WARM-UP	00:03	0.00	0.00	75		
EXERCISE	STAGE 1	00:19	0.70	0.00	77		
	STAGE 1	03:00	1.70	10.00	101	120/80	
	STAGE 2	03:00	2.50	12.00	120	140/80	
	STAGE 3	01:52	3.40	14.00	150		
RECOVERY		01:00	0.00	0.00	110	170/90	
		02:00	0.00	0.00	71	160/90	
		00:18	0.00	0.00	72		

The patient exercised according to the BRUCE for 7:51 min:s, achieving a work level of Max. METS: 10.10. The resting heart rate of 75 bpm rose to a maximal heart rate of 150 bpm. This value represents 93 % of the maximal, age-predicted heart rate. The resting blood pressure of 120/80 mmHg, rose to a maximum blood pressure of 170/90 mmHg. The exercise test was stopped due to Target heart rate achieved.

### Interpretation:

Summary: Resting ECG: normal.

Functional Capacity: normal.

HR Response to Exercise: appropriate.

BP Response to Exercise: normal resting BP - appropriate response.

Chest Pain: none.


Arrhythmias: none.

ST Changes: none.

Overall impression: Normal stress test.

### Conclusions:

TMT is negative for inducible ischemia.

  
Dr. VIMMI GOEL  
MBBS, MD  
Sr. Consultant-Non Invasive Cardiology  
Reg.No.: 2014/01/0113



01-Nov-23 9:58:51 AM

KIMS-KINGSWAY HOSPITALS

PHC DEPT.

MRS USHA KHIYANI

Female

59 Years

Rate 73 . Sinus rhythm.....normal P axis, V-rate 50- 99  
 . Minimal ST elevation, anterior leads.....ST >0.10mV, V1-V4

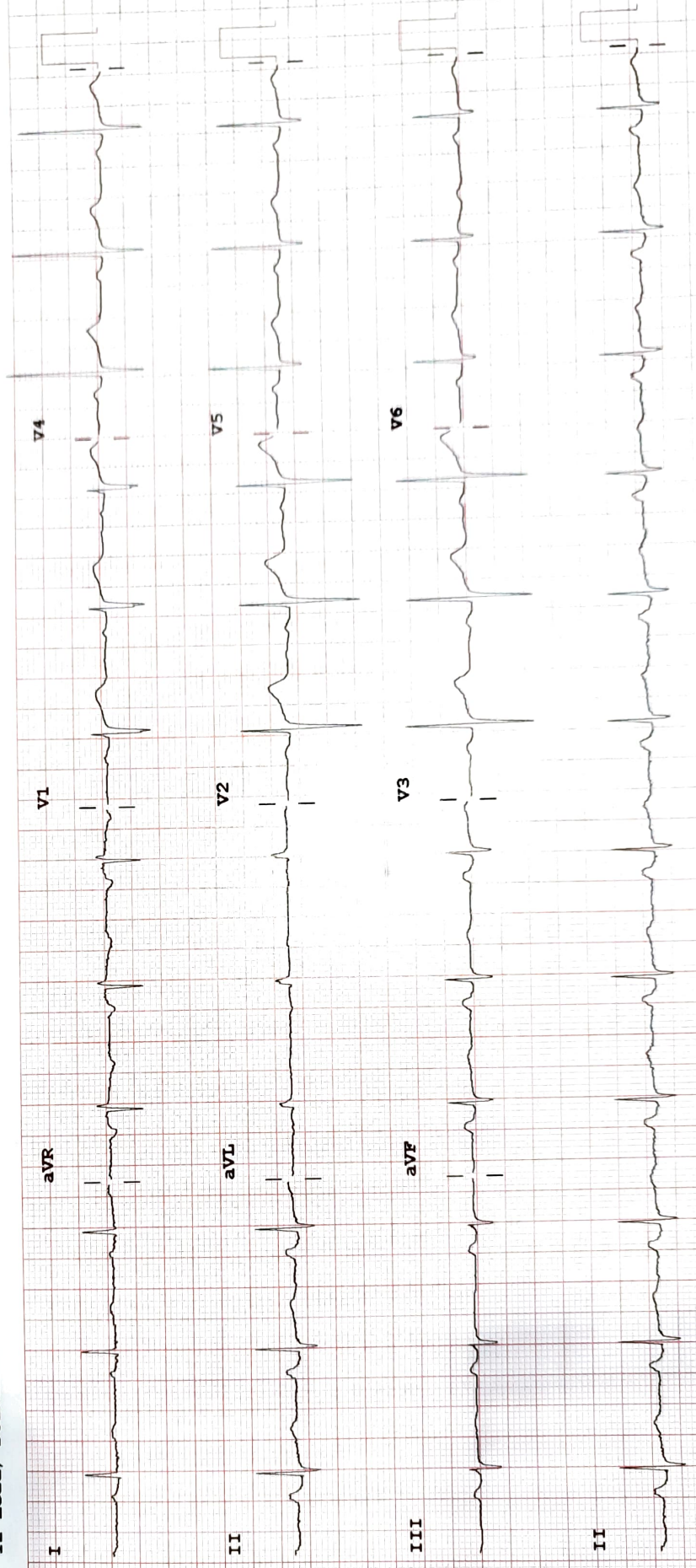
PR 175  
 QRSD 78  
 QT 403  
 QTc 444

--AXIS--  
 P 64  
 QRS 2  
 T 44

12 Lead; Standard Placement

- OTHERWISE NORMAL ECG -

Unconfirmed Diagnosis



F 50~ 0.50-150 Hz W 100B CL P?

Speed: 25 mm/sec Chest: 10.0 mm/mV

Device: