

Modi Wheel

Dr. Vimmi Goel

Head, Non-Invasive Cardiology

In-Charge, Preventive Health Care

MBBS, MD (Internal Medicine)

Reg. No. MM 2014/01/0111

Date 10/09/22

Name: Mrs. Richa Kapil Munsharamani

Age: 36y Sex: M/F Weight: 67.9 kg Height: 154.5 in BMI: 28.7

BP: 150/90 mmHg Pulse: 86 bpm RBS: mg/dl

SpO2 98%

LMP 19/07/22

Syst HT
Obesity
1/2 PCOD

O/E

Imp°

Che
In
PIA ~

Adv

T. Telman (40 tabs) DAK

Low → noted

- Fatty liver
- PCOD

- Diet control
- Exercise
- weight loss

Cap & Disc ...

Cap Adv ...
- BP control

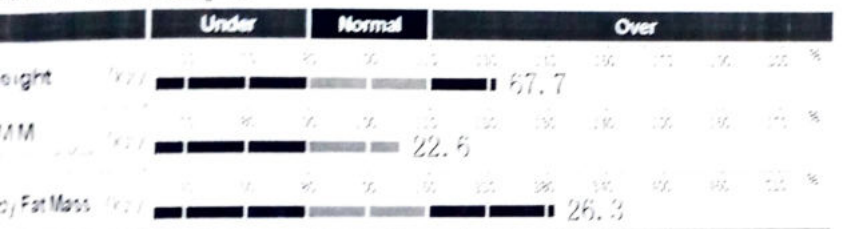


ID: 113261	Height: 171.7 cm	Age: 27	Gender: Female	Test Date / Time: 15/05/2022 14:35
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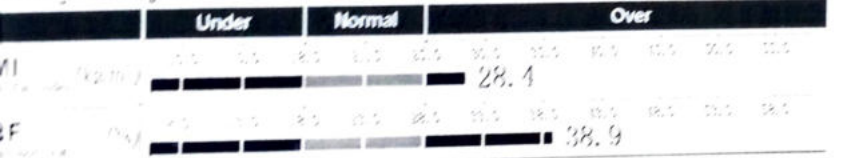
Body Composition Analysis

Total Body Water	(L)	30.3	(18.6% ~ 21.5%)
Protein	(kg)	8.1	(12.0% ~ 15.0%)
Mineral	(kg)	3.00	(7.8% ~ 9.5%)
Body Fat Mass	(kg)	26.3	(19.3% ~ 25.1%)
Weight	(kg)	67.7	(13.6 ~ 53.1%)

Muscle-Fat Analysis



Obesity Analysis



Segmental Lean Analysis

21.17 kg	2.22 kg	105.4%	107.8%
Normal	Normal		
19.2 kg	103.4%	Normal	
5.78 kg	5.92 kg	89.0%	91.2%
Under	Normal		

Segmental Fat Analysis

1.9 kg	1.9 kg	225.6%	220.4%
Over	Over		
13.7 kg	283.9%	Over	
3.8 kg	3.8 kg	171.5%	172.7%
Over	Over		

* Segmental fat is estimated

Body Composition History

Weight	(kg)	67.7
MM	(kg)	22.5
BF	(%)	38.9

InBody Score

68 / 100 points

* Total score that reflects the evaluation of body composition. A muscular person may score over 100 points.

Weight Control

Target Weight	53.8 kg
Weight Control	-13.9 kg
Fat Control	-13.9 kg
Muscle Control	0.0 kg

Obesity Evaluation

BMI	<input type="checkbox"/> Normal	<input type="checkbox"/> Under	<input checked="" type="checkbox"/> Slightly Over	<input type="checkbox"/> Over
PBF	<input type="checkbox"/> Normal	<input type="checkbox"/> Slightly Over	<input checked="" type="checkbox"/> Over	

Waist-Hip Ratio



Visceral Fat Level



Research Parameters

Fat Free Mass	41.4 kg
Basal Metabolic Rate	1264 kcal (1383 ~ 1609)
Obesity Degree	132% (90 ~ 110)
SMI	6.7 kg/m²
Recommended calorie intake	1571 kcal

Calorie Expenditure of Exercise

Golf	119	Gateball	129
Walking	135	Yoga	135
Badminton	153	Table Tennis	153
Tennis	203	Bicycling	203
Boxing	203	Basketball	203
Mountain Climbing	221	Jumping Rope	237
Aerobics	237	Jogging	237
Soccer	237	Swimming	237
Japanese Fencing	339	Packetball	339
Squash	339	Taekwondo	339

* Based on your current weight

* Based on 30 minute duration

Impedance

	RA	LA	TP	RL	LL
Z ₅₀ 20 kHz	376.3	363.4	22.5	272.1	281.2
100 kHz	329.1	330.1	20.0	211.6	252.1

Mrs. Susha Manoharanam

DOB: _____

Date: 10/3/22

36

Sex: M/F

Weight: _____ kg

Height: _____ in

BMI: _____

_____ mmHg

Pulse: _____

bpm

For Health check up

40 Irregular periods :- 4-5 mths.

Q/H: P/L, G (TND), LCB - 4 years

M/H: LMP: 19/7/22

P/MC: 3-4d / 30-40d / Irregular

P/H: K/40 HTN & on medication - Met XL

Sx/H: Nil

F/H: Mother & Father - HTN & DM.

USG: Ut (⊖), ET - 7.7mm
B/L PCOD

Adv: PAP smear test - Not willing

Breast - ^m examination: WNL

P/A: Soft NR

ETG:

ETG:

- Pt wants to wait for Natural bleed
Not willing for withdrawal bleed



Monika

44 KINGSWAY, NEAR KASTURCHAND PARK, NAGPUR, NEAR
KASTURCHAND PARK

Nagpur, Maharashtra

India.

Patient Name: Mrs Richa Kapil Mansharamani

UHID KH116224	Age 36 Y	Gender Female	Admission No. OPRI-48120
Speciality -	Certificate No. -		Created on 10-09-2022 03:37 PM

OPHTHALMOLOGY - OPHTHALMOLOGY (REFRACTION)**RIGHT EYE**

Sph	Cyl	Axis	Visual Acuity
-0.50	00	00	6 6

LEFT EYE

Sph	Cyl	Axis	Visual Acuity
-0.50	00	00	6 6

Near: Addition

RIGHT

N6

LEFT

N6

Created By

Ashish Kamble

Print Date & Time

10-09-2022 03:37 PM

UHID	KH116224	Order Date & time	10-09-2022
Patient Name	Mrs Richa Kapil Mansharamani	Sample Collection Date	10-09-2022 10:22 AM
Age/Gender	36 Y/Female	Acknowledge Date	10-09-2022 10:47 AM
Patient Type	OP	Visit No	OP-91525
Ordering Doctor		Refer By	Dr Vimmi Goel
Order Id	ODRID-200085	Accession Number	0133114

Haematology

Service Name	Result	Unit	Reference Range	Method
Haemogram (CBC with ESR), Whole Blood				
Erythrocytes				
* Haemoglobin	12.6	gm/dl	12-15	Photometric Measurement
* RBC count	4.17	millions/cumm	3.8-4.8	Photometric Measurement
* Packed Cell Volume (PCV/HCT)	38.4	%	36-46	Calculated
* MCV	92	fl	83-101	Calculated
* MCH	30.2	pg	27-32	Calculated
* MCHC	32.8	gm/dl	31.5-34.5	Calculated
* RDW	14.1 H	%	11.5-14.0	Calculated
Leucocytes				
* TLC (Total Leukocyte Count)	4300	/cumm	4000-10000	Flow cytometry
* Neutrophils	54.2	%	50-70	
* Lymphocytes	38.5 H	%	25-30	
* Eosinophils	1.6	%	1-5	
* Monocytes	5.6	%	5-10	
* Basophils	0.1 L	%	1-2	
* Large Immature Cells	0.0	%		
* Absolute Neutrophil Count	2330.60	/cumm	2000-7000	Calculated
* Absolute Lymphocyte Count	1655.50	/cumm	1000-4800	Calculated
* Absolute Eosinophil Count	68.80	/Cumm	20-500	Calculated
* Absolute Monocyte Count	240.80	/cumm	200-1000	Calculated
* Absolute Basophil Count	4.30 L	/cumm	20-100	Calculated
Platelets				
* Platelet Count	248	10 ³ /cumm	150-450	Impedance
* MPV	8.1	fl	6.0-9.5	Calculated
* PCT (Platelet Hematocrit)	0.20	%	0.2-0.5	
* PDW (Platelet Distribution Width)	13.50	%	9-17	
Peripheral Smear Examination				
RBC Morphology				
* Normochromic Normocytic	seen			
* WBCs	As Above			
* Platelets	Adequate			
* ESR (Westergren)	13	mm/hr	<20	Westergren
* Blood Grouping & RH Factor, Whole Blood & Serum	"B" Rh POSITIVE			Column agglutination test
* HbA1c (Glycosylated Haemoglobin), Blood	5.3	%	Non-Diabetic: <=5.6 % Pre-Diabetic: 5.7-6.4 % Diabetic >=6.5 %	HPLC

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Patient Type	OP	Visit No	OP-91525
Ordering Doctor		Refer By	Dr Vimmi Goel
Order Id	ODRID-200085	Accession Number	0133114

Clinical Biochemistry

Service Name	Result	Unit	Reference Range	Method
Fasting Blood Sugar	92.0	mg/dL	<100	GOD/POD, Colorimetric
Lipid Profile, Serum				
Cholesterol	191.00	mg/dL	<200 Normal Less than 150 mg/dl Borderline High 150 - 199 mg/dl High 200 - 499 mg/dl Very High More than 499 mg/dl	Enzymatic Method
Triglyceride	88.0	mg/dL	Major risk factor for Heart disease <40 mg/dl (Males) Major risk factor for Heart disease <50 mg/dl (Female) Negative risk factor for Heart disease >60 mg/dl	Enzymatic(Lipase/GK/GPO/POD)
HDL Cholesterol Direct	59.0	mg/dL	Optimal <100 mg/dl Near optimal 100 - 129 mg/dl Borderline high 130 - 159 mg/dl High 60 - 189 mg/dl Very High >190 mg/dl	Phosphotungstic acid/mgcl-Enzymatic (microslide)
LDL Cholesterol (Calculated)	114 H	mg/dL		Enzymatic
VLDL	18.00	mg/dL	<30	Calculated
Cholesterol/HDL Ratio	3.00		3-5	Calculated
Non HDL	132.00	mg/dL		Calculated
Kidney Function Test (KFT), Serum				
Blood Urea	25.00	mg/dL	15-36	Urease with indicator dye
Creatinine	0.75	mg/dL	0.52-1.04	Enzymatic (creatinine amidohydrolase)
eGFR	102.54	mL/min/1.73m ²		Calculated
Sodium	141	mmol/L	136-145	Direct ion selective electrode
Potassium	4.88	mmol/L	3.5-5.1	Direct ion selective electrode
BUN (Blood Urea Nitrogen), Serum	11.6	mg/dL	7-17	Urease with indicator dye
Liver Function test, Serum				
Total Bilirubin	0.48	mg/dL	0.2-1.3	Azobilirubin/Dyphylline
Bilirubin Direct	0.26	mg/dL	0.1-0.3	Calculated
Bilirubin Indirect	0.22	mg/dL	0.1-1.1	Dual wavelength Spectrophotometric
SGOT (AST)	19	U/L	13-35	Kinetic with pyridoxal 5 phosphate
SGPT (ALT)	11 L	U/L	13-45	Kinetic with pyridoxal 5 phosphate
Alkaline Phosphatase	56.00	U/L	38-126	Pnpp/AMP buffer
Total Protein	7.63	gm/dl	6.3-8.2	Biuret(Alkaline cupric Sulfate)
Albumin	4.31	gm/dl	3.5-5.0	Bromocresol green dye binding
Globulin	3.32	gm/dl	2-4	Calculated
Albumin/Globulin Ratio	1.30			Calculated
Gamma GT (GGT), Serum	61.0 H	U/L	12-43	Kinetic Method

Patient Name	KH116224	Order Date & time	10-09-2022
Age Gender	Mrs Richa Kapil Mansharamani	Sample Collection Date	10-09-2022 10:22 AM
Patient Type	36 Y/Female	Acknowledge Date	10-09-2022 10:47 AM
Ordering Doctor	OP	Visit No	OP-91525
Order Id	ODRID-200085	Refer By	Dr Vimmi Goel
		Accession Number	0133114

Service Name	Result	Unit	Reference Range	Method
Interpretation:				
:A high fat meal may cause decreased bilirubin levels by interfering with the clinical reactions. GT activity is elevated in all forms of liver disease. This test is much more sensitive than either the alkaline phosphatase test or the transaminase test (i.e., SGOT, SGPT) in detecting obstructive jaundice, cholangitis, and cholecystitis. It is also indicated in the differential diagnosis of liver disease in children and pregnant women who have elevated levels of LDH and alkaline phosphatase.				
* Uric Acid, Serum	6.08 H	mg/dL	2.6-6.0	Uricase/Peroxidase (Colorimetric)
Thyroid Function Test (T3,FT4,TSH), Serum				
* T3	1.35	ng/mL	0.55-1.7	Enhanced chemiluminescence
* Free T4	1.17	ng/dL	0.8-1.7	Enhanced chemiluminescence
* Thyroid Stimulating Hormone (TSH)	2.35	uIU/mL	0.5-4.8	Enhanced chemiluminescence

Clinical Pathology

Service Name	Result	Unit	Reference Range	Method
Urine Routine and Microscopy, Urine				
Physical Examination				
Volume	20 ml			
Appearance	Clear			
Colour	Pale Yellow			
PH	5.0	NA	4.6-8.0	
Specific Gravity	1.015 L	NA	1.016-1.022	Iodometric method
Chemical Examination				
Protein	Negative	mg/dL		
Glucose	Negative			
Ketone	Negative			
Bilirubin	Negative			
Urobilinogen	Normal			
Nitrate	Negative			
Microscopic Examination				
Pus Cells	0-1	/ hpf		
Epithelial Cells	0-1	/ hpf		
Red Blood Cells	Absent	/ hpf		
Crystal	Absent			
Cast	Absent	/hpf		
Bacteria	Absent			
Other	-			GOD/POD
Urine Sugar Fasting, Urine	Negative			GOD/POD
Urine Post Prandial Sugar, Urine	Negative			

Jaiswal
Dr Purva Jaiswal
Consultant Pathologist
2018/10/5141

Naik
Dr Vaidehee Naik
Consultant Pathologist
2015/05/2163

Deshmukh
Dr Anuradha Deshmukh
Senior Consultant Microbiologist
2003/07/2620

UHID	KH116224	Patient Name	Mrs Richa Kapil Mansharamani
Age	36 Y	Gender	Female
Payer Name	Self	Payer Type	cash
Order Date & time	10-09-2022 12:00 AM	Acknowledge Date	10-09-2022 04:17 PM
Refer By	Dr Vimmi Goel	Accession Number	OPRDAC-15966
DOB		Patient Type	OP
Order Id	ODRID-200085		

X-Ray Chest AP

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 Naveen Pugalia
Consultant Radiologist
MBBS,MD
76125

UHID	KH116224	Patient Name	Mrs Richa Kapil Mansharamani
Age	36 Y	Gender	Female
Payer Name	Self	Payer Type	cash
Order Date & time	10-09-2022 12:00 AM	Acknowledge Date	10-09-2022 01:35 PM
Refer By	Dr Vimmi Goel	Accession Number	OPRDAC-15922
DOB		Patient Type	OP
Order Id	ODRID-200085		

USG Whole Abdomen

LIVER is normal in size (13.4 cm), shape and shows **moderate increased echotexture**. No evidence of any focal lesion seen.

Intrahepatic biliary radicals are not dilated. PORTAL VEIN and (BI) are normal in course and caliber

GALL BLADDER is Collapsed

Visualized PANCREAS is normal in shape, size and echotexture

SPLEEN is normal in size shape and echotexture. No focal lesion seen

Right kidney measures 10.4 x 3.9 cm. Left kidney measures 9.6 x 4.7 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 is anteverted and normal. No focal myometrial lesion seen

Endometrial echo-complex appears normal. ET - 7 mm

Right ovary measures 1.9 x 2.9 x 4.1 cm (volume - 12.8 cc)

Left ovary measures 3.5 x 1.7 x 3.1 cm (volume - 10.1 cc)

Both ovaries are mildly bulky. Multiple peripherally arranged small follicles with central echogenic stroma are seen in bilateral ovaries. No dominant follicles seen.

No adnexal mass seen

There is no free fluid or abdominal lymphadenopathy seen

IMPRESSION: USG reveals,

Grade II fatty liver,

Both ovaries are mildly bulky with multiple peripherally arranged small follicles and central echogenic stroma -

hormonal assay

and clinical correlation is suggested to ruleout polycystic ovarian disease



Dr. Aswari S. Lautre
Consultant Radiologist
MBBS, MD (Radio-Diag)

2D ECHOCARDIOGRAPHY AND COLOR DOPPLER REPORT

Patient Name : Mrs. Richa Kapil Mansharamani
Age : 36 years / Female
UHID : KH116224
Date : 10/09/2022
Done by : Dr. Vimmi Goel
ECG : NSR, T inversion aVL, ST-T changes

Impression:

Normal LV dimensions
LA is mildly dilated
Borderline left ventricular hypertrophy
No RWMA of LV at rest
Good LV systolic function, LVEF 61%
Normal LV diastolic function
E/A is 1.7
E/E' is 10.1 (Normal filling pressure)
Valves are normal
Trivial MR
No pulmonary hypertension
IVC is normal in size and collapsing well with respiration
No clots or pericardial effusion

Comments:

Sector echocardiography was performed in various conventional views (PLAX, SSAX, AP4 CH and 5 CH views). LV size normal. LA is mildly dilated. Borderline left ventricular hypertrophy. There is no RWMA of LV seen at rest. Good LV systolic function. LVEF 61%. Normal LV diastolic function. E Velocity is 93 cm/s, A Velocity is 55 cm/s. E/A is 1.7. Valves are normal. Trivial MR. No Pulmonary Hypertension. IVC normal in size and collapsing well with respiration. Pericardium is normal. No clots or pericardial effusion seen. E' at medial mitral annulus is 7.5 cm/sec & at lateral mitral annulus is 11.7 cm/sec. E/E' is 10.1 (Average).

M Mode echocardiography and dimension:

	Normal range (mm)		Observed (mm)
	(adults)	(children)	
Left atrium	19-40	7-37	41
Aortic root	20-37	7-28	28
LVIDd	35-55	8-47	44
LVIDs	23-39	6-28	37
IVS (d)	6-11	4-8	10
LVPW (d)	6-11	4-8	11
LVEF %	~ 60%	~60%	61%
Fractional Shortening			31%

P.T.O

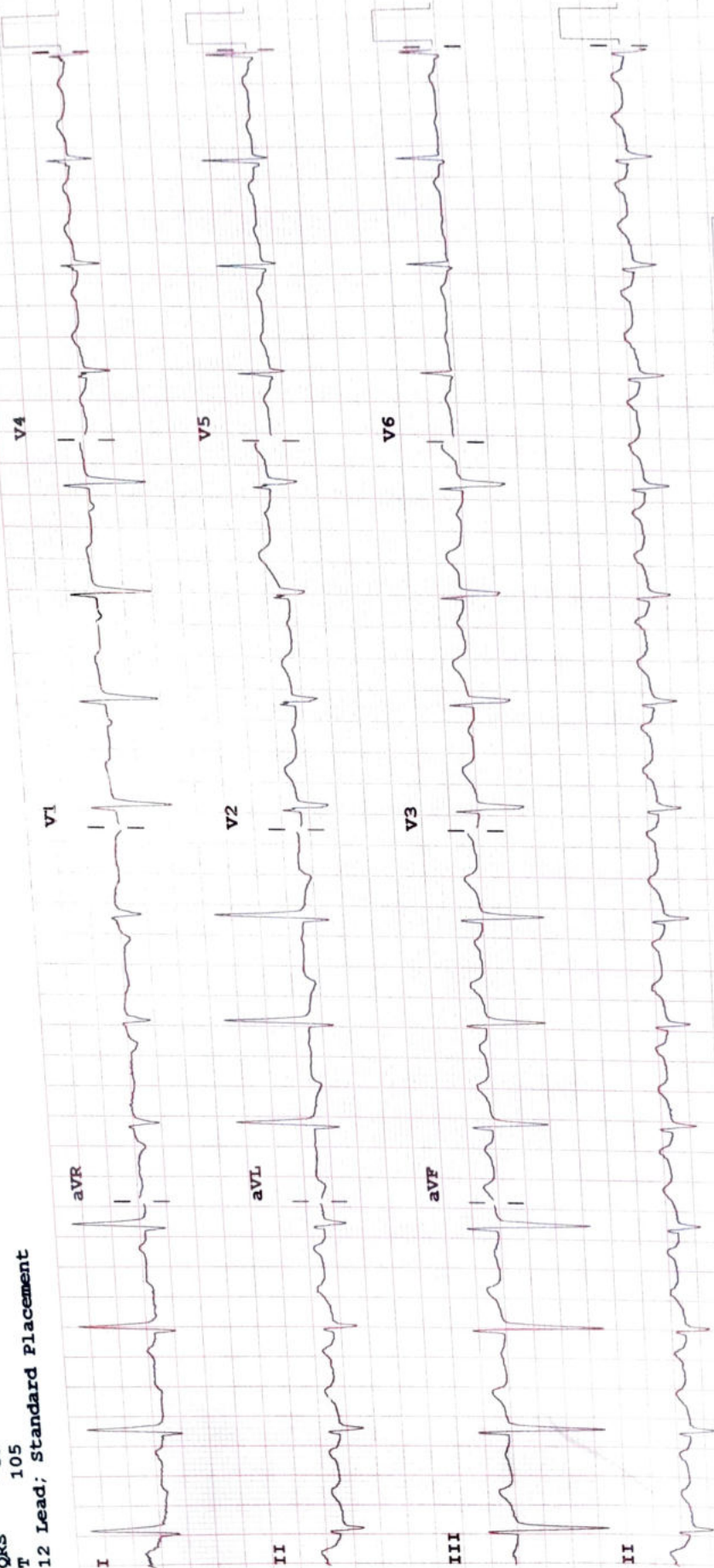

Dr. Vimmi Goel
MD, Sr. Consultant
Non-invasive Cardiology

36 Years
 normal P axis, V-rate 50-99
 >210, V-rate 50-90
 multi-LVH criteria, abnorm ST-T

- 87 Sinus rhythm
- 216 Prolonged PR interval
- 88 LVH with secondary repolarization abnormality
- 371 Baseline wander in lead(s) V6
- 447

--AXIS--
 P 57
 QRS -39
 T 105
 12 Lead; Standard Placement

- ABNORMAL ECG -
 Unconfirmed Diagnosis



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

Speed: 25 mm/sec Limb: 10 mm/mV Chest: 10.0 mm/mV

Device:

REORDER # M2483A

PHILIPS

