Medway Hospitals ®
The way to better health

MH/ PRINT / 0075 / MRD

MRD CHECKLIST

PARTICULARS	YES	NO
- IP Number allocated to each Patient	✓	
- Name, Age & Sex of Patient	✓	
- General Admission Consent	✓	
- Initial Assessment of Patient / Diagnosis	✓	
- Nutritional Assessment by Consultant	✓	
- Plan of care counter signed by the Consultant	✓	
- Treatment Orders - Date, Time, Name & Sign.	✓	
- Medication Order / Drug Chart - Date, Time, Name & Sign.	✓	
- Vital Signs Chart (TPR Chart)	✓	
- Intake Output Chart	✓	
- Drug Chart (Duly filled)	✓	
- Anesthesia Consent - (8 thing) - Date, Time, Name & Sign. of both Patient & Anesthetist		
- Anesthesia Assessment Sheet		
- Surgery Consent - (8 things) - Date, Time, Name & Sign of both Patient & Surgeon		
- Surgery Notes - Post Operative Plan		
- Pain Scoring System	✓	
- Blood Transfusion if done		
- High Risk Procedures		
- A copy of the Discharge Summary	✓	

MHI/IPD/2022/002

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Mr.MANOHARAN N
69/Male/MHI202381521
27/12/2023/IPH2023002611
Dr.G. GNANAVELU

ADMISSION SLIP

Medway Heart Institute
Where heart beat never stops...

Admitting Doctor: Dr.Gnanavelu **Speciality:** Cardiologist.

Advised Date & Time: 24/12/23 @ 10.33AM 11:03Am

Provisional Diagnosis:
? old [illegible] / Complete (R) Bundle Branch Block / TYPE II DM / @ LV
S.HTN / TMT - 11/2013 - neg.

Reason for Admission: ☐ Medical Management ☐ Surgical Management
☐ Others (please specify details) CAG

~~Ad~~mission Type: ☐ Day Care ☐ ER ☐ Ward
☐ ICU ______ (Specify details)

Surgery / Procedure Name (if planned):
CAG

Blood Product Requirement: ☐ No ☐ **Yes** *(Kindly specify details of components required in space below)*

Expected Duration of Stay: Day Care

Expected Cost of Treatment *(as per Financial Counseling Form):*

Payer: ☐ Self ☐ Insurance ☐ Others: ______

Instructions to Nurse (if any):
Admission in GR

Any other Instructions (if any):
16000/-

Doctor's Signature	Name	Reg. No.	Date	Time
[signature] 24/12/23	Dr. G. Gnanavelu MD, DM (cardio), FACC Advisor & Mentor Chief Cardiologist	39469	24/12/23	10-33AM

Reg. No: 39469

For admission desk staff only:

Room Category:

- ☐ General Ward
- ☐ Single Room
- ☐ Twin Sharing
- ☐ Deluxe Room
- ☐ Suite Room
- ☐ Others GR

Admission intimation Receipt Details		Admission Time in HIS	
Date	Time	Date	Time
27/12/23	11:03AM	27/12/23	11:03AM

Source:

- ☐ OPD
- ☐ ER
- ☐ Direct

To be filled only if Blood requirement specified by the Doctor:

Is Blood Reservation and Blood Bank clearance completed as advised: ☐ Yes ☐ No

Front office Staff Signature	Name	Emp. No.	Date	Time
		MH10273	27/12/23	11:03A

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Mr.MANOHARAN N
69/Male/MHI202381521
27/12/2023/IPH2023002611
Dr.G. GNANAVELU

MHI/HOSP/2022/129

Medway Heart Institute
Where heart beat never stops...

ADMISSION FORM

Marital Status	Full Address	Telephone Number
Married	27/282, 18th Street, Eveready Colony	9042815736
Occupation: CBE	Kodungaiyur, Ch - 118	

Referred from	Date of Time of Admission	Date & Time of Discharge	Total No. of Days
Dr. Gnanavel	27/12/23 11:03PM	27/12/23 @ 18:30	8HRS.

UNIT: RL | MLC ☐ Yes ☐ ~~NO~~ | If Yes AR No. :

FINAL DIAGNOSIS	ICD Code
EFFORT ANGINA / ? OLD DUMP / COMPLETE	I20.8
RIGHT BUNDLE BRANCH BLOCK / ADEQUATE	I4J.0
LV FUNCTION / TYPE II DIABETES MELLITUS /	T50.1
SYSTEMIC HYPERTENSION.	E11.9
	I10

DATE	OPERATION / PROCEDURES	ICPM Code
27/12/23	CORONARY ANGIOGRAM DONE	88.50

DATE	TYPE OF ANESTHESIA				
27/12/23	☐ GENERAL	☐ SPINAL	☑ LOCAL	☐ REGIONAL	☐ EPIDURAL

DISCHARGE STATUS

☐ Cured	☐ Discharge at Request	☐ Expired < 48 hours
☑ Improved	☐ Against Medical Advice	☐ Expired > 48 hours
☐ Unchanged	☐ Absconded	☐ Post-Operative Death
	☐ Transferred to	

27/12/24
Signature of the Consultant

149
Signature of Medical Records Officer

S.No. : 5

AUTHORISATION FOR TREATMENT I PAYMENT

I hereby authorise the Administration, Medical and Nursing and Paramedical, Staf f of the Hospital Investigate treat and administer such drugs as may be necessary and to perform such operation under anaesthesia or other wise as may be deemed necessary and / or advisable in the diagnosis and treatment of my illness / patient... N. Manoharan who is my ..... father ..... (Relationship).

I hereby under take to settle all the bills for hospitalisation charges related to me/the patient named overleaf on a periodic basis. In any case, I shall pay all the dues before getting discharged from the hospital.

However, in case I fail to pay the charges due to the hospital as agreed above, I hereby authorise the hospital to transfer me/the patient to any other hospital/institution for further treatment as deemed fit and proper by the hospital authorities.

I also acknowledge having been informed if the General Rules and Regulations of the Hospital and that all cash, jewellery and valuables belonging to the patient or theis attendants have been removed to a place of safety / handed over to the next of kin and I absolve the hospital of any responsibility with regard to any loss.

I have read out and explained the contents of the above to the Signatory in his vernacular .

சிகிச்சை, பணம் செலுத்துதல் முதலியவை செய்ய அதிகாரம் வழங்குதல்

இதன் மூலமாக நான் நிர்வாகம், மருத்துவம், தாதியர், ஏனைய மருத்துவ ஊழியர்கள் எனக்கு / நோயாளி .....
.....க்கு தேவைப்பட்ட சோதனைகளை செய்து மருந்துகளை கொடுக்கவும், மயக்க மருந்துகள் கொடுத்து செய்முறைகள்/அறுவை சிகிச்சை செய்யவும் அதிகாரம் வழங்குகிறேன். நான் / இதில் குறித்துள்ள நோயாளின் செலவுக்கன தொகை முழுவதும் செலுத்த இதன் மூலம் உறுதி அளிக்கிறேன்.

மேல் கூறியது போல் வேளை நான் தங்கள் மருத்துவத்திற்கான செலவுகளை கட்டத் தவறினால் என்னை நோயாளியை வேறொரு மருத்துவமனைக்கு, பிற சிகிச்சை / அறுவை சிகிச்சை செய்ய இடமாற்ற ஒப்புதலை எனது உறவினர்கள் மூலமாக பெற நான் அதிகாரம் அளிக்கிறேன்.

மருத்துவமனையின் பொது சட்ட திட்டங்கள் பற்றி தெரிவிக்கிப்பட்டிருக்கிறேன்.

நோயாளிக்கு உரிமையான எல்லா பணம், நகை மதிப்பிடக்கூடி பொருட்கள் யாவும் பாதுகாப்பான இடத்திற்கு மாறுபட்டுவிட்டன / அல்லு நெருங்கிய உறவினரிடம் கொடுக்கப்பட்டுள்ளது. இந்த மருத்துவமனை எனது/நோயாளியின் எந்தவித நஷ்டத்திற்கு பொறுப்பில்லை என உறுதி செய்கிறேன்.

மேற்குறிப்பிட்ட அனைத்தும் எனக்கு விவரிக்கப்பட்ட பிறகுதான் கையொப்பமிட்டேன்.

செவிலியர் கையொப்பம்	தேதி 27/12/23	எனது/உறவினர்/காப்பாளர் கையொப்பம்
Signature of Admitting Nurse	Date	Signature of the Patient / Relative / Gurdian

Son.

உறவுமுறை

Nature of Relationship

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(A Unit of United Alliance Healthcare Pvt Ltd)

Mr.MANOHARAN N
69/Male/MHI202381521
27/12/2023/IPH2023002611
Dr.G. GNANAVELU

MHI/IP/2022/008

Medway Heart Institute
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GENERAL CONSENT FOR ADMISSION

I, N. MANOHARAN the ☑ Patient or ☐ Representative of patient have
(please tick the correct option above and below)

☐ Read

☐ Been explained this consent form in English, which I fully understand.

- I give my full consent and authorization for admission and treatment at this hospital. The proposed treatment plan has been explained to me.
- I consent and authorize the hospital, treating doctors, nursing, technical and paramedical staff to provide relevant care and to conduct diagnostic as deemed necessary by the treating doctor / team.
- I also consent to use of assistants such as resident doctors, other doctors, nurses, and other healthcare workers by the hospital and treating doctor / team.
- I consent for clinical consultation, admission, disclosure of information required for clinical management (under confidence), routine medical examination (physical examination, palpation, percussion, auscultation), routine lab and imaging investigations, general nursing care, diet and physiotherapy assessment and counselling.
- I have been explained about the proposed care plan, expected result(s), possible outcome(s) and expected cost of treatment/ hospital stay.
- I understand that the hospital will take due care of me / my patient but, that there is always a possibility of an unexpected complication(s) which may necessitate longer stay and / or use of intensive care services. In such cases, procedure different from those contemplated and other intervention(s) may sometimes be needed.
- I declare that, I have and will inform the doctor of my medical history including previous illnesses, allergies, drug reaction(s), surgical procedure, relevant medical family history and all other facts relevant to my treatment. I shall not hold the hospital/ doctor responsible for any consequences which may arise due to non-disclosure of relevant information on my part.
- I declare that I have been explained about my rights and responsibilities.
- I have been made aware of the rules and regulations of the hospital including those related to security and I promise to abide by them.
- I understand that in case of some unexpected event occurring during the course of my stay I may be suggested a transfer to another hospital / healthcare organization, as considered appropriate by my treating doctor.
- I understand that, drugs, consumables and devices will be charged on an 'as actual' basis as per the hospital tariff. I have been informed and I understand that there can be usage of certain reprocessed items during the course of the treatment. I also understand that only full strips of medicines shall be issued and returned. I declare that I take full responsibility of settling the bill before leaving the hospital premises at the time of discharge.

- I further declare that I have been given an opportunity to ask question(s) related to my admission, care plan and proposed hospital stay, and that such questions have been answered to my satisfaction.

- I declare that I have received and fully understood the information provided in this consent form, that I have been given an opportunity to ask questions relating to my admission, care plan and proposed hospital stay, and that all my questions have been answered to my entire satisfaction and there are no misconceptions or false hopes in my mind. I further declare that all fields (of this form) requiring insertion or completion were filled in my presence at the time of my signing this form.

- I, the above-named Patient / named patient's representative, do further hereby declare that I am above 18 years of age as on the date of signing this form, mentally sound and am giving consent without any fear, threat or false misconception.

	Signature / Thumb Impression*	Name	Date	Time
Patient	N. Manoharan	N. Manoharan	27/12/23	11:03 pm
Surrogate/Guardian (if applicable #)	M. Rajad	M. Sundar Rajad *(Write name and relationship with patient)*	27/12/23	11:08 pm
Reason for surrogate consent	**Patient is unable to give consent because:**			
Witness	G. Latha	G. LATHA	27/12/23	11:07 AM
Interpreter (if applicable)				

** Right Hand for Males & Left Hand for Females | # Only if Patient is a minor or unable to give consent*

DAY CARE DISCHARGE SUMMARY

IP No.	IPH2023002611	**D.O.A**	: 27/12/2023
UHID	MHI202381521	**D.O.P**	: 27/12/2023
Name	Mr. MANOHARAN. N	**Room No.**	: RL
Age / Gender	69Years / MALE		
Consultant	: **Dr. G. Gnanavelu.** MD., DM., (cardio) FACC Chief Cardiologist	**D.O.D**	: 27/12/2023

DIAGNOSIS:

EFFORT ANGINA
? OLD IWMI
COMPLETE RIGHT BUNDLE BRANCH BLOCK
ADEQUATE LV FUNCTION
TYPE II DIABETES MELLITUS
SYSTEMIC HYPERTENSION

PROCEDURE: CORONARY ANGIOGRAM DONE ON 23.12.2023 – TRIPLE VESSEL DISEASE.

BRIEF HISTORY:

Mr. Manoharan. N, 69 years old male, presented with complaints of chest pain on & off. He was advised Coronary angiogram and referred to Medway Heart Institute on 27.12.2023 for which he has been admitted.

ON EXAMINATION:

HR: 76bpm ; BP: 143/80mmHg ; SPO_2 : 99% in room air
CVS: S1S2+ ; RS : Clear ; CNS: NFND; Abd: Soft

INVESTIGATIONS:

BLOOD: HB – 15.7gm/dl, TWBC – 8600cell/cumm, PLT – 266000 cells/cumm, Urea – 10.10mg/dl, Creatinine – 0.68mg/dl.

ECG: sinus rhythm, HR – 72bpm, RBBB.

ECHO: RWMA. Mild thinning & hypokinesia of apical inferior segments of LV. Adequate LV systolic function. EF – 71%. Grade I LV diastolic dysfunction. Mild mitral annulus calcification. Mild MR. Aortic valve sclerosis. No aortic stenosis or regurgitation. Normal pulmonary artery pressures. False tendon in LV.

JCI ACCREDITED NABH ACCREDITED

Medway Heart Institute

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CORONARY ANGIOGRAM FINDINGS:

Right -dominant system; **TRIPLE VESSEL DISEASE.** (reports enclosed)

ADVICE : CABG x GRAFTS TO LAD, MAJOR OM & DISTAL RCA/PDA .

ADVICE MEDICATIONS:

SI. NO	NAME OF THE DRUGS WITH GENERIC NAME	DOSAGE	FREQUENCY			ROUTE	RELATION SHIP WITH FOOD	DURATION
			M	A	N			
1	**TAB. ROSEDAY A** (ASPIRIN & ROSUVASTATIN)	20 MG	0	0	1	ORAL	AFTER FOOD	TO CONTINUE
2	**TAB. CLOPILET** (CLOPIDOGREL)	75 MG	1	0	1	ORAL	AFTER FOOD	TO CONTINUE
3	**TAB. ANGISPAN TR** (NITROGLYCERIN)	2.5 MG	1	0	1	ORAL	AFTER FOOD	TO CONTINUE
4	**TAB. FLAVEDON MR** (TRIMETAZIDINE)	35 MG	1	0	1	ORAL	AFTER FOOD	TO CONTINUE
5	**TAB. TELSITE** (TELMISARTAN)	40 MG	1	0	0	ORAL	AFTER FOOD	TO CONTINUE
6	**TAB. AZULIX MF 1MG** (GLIMEPIRIDE AND METFORMIN)	500/1 MG	1	0	1	ORAL	BEFORE FOOD	TO CONTINUE
7	**TAB. RANTAC** (RANITIDINE)	150 MG	1	0	1	ORAL	AFTER FOOD	TO CONTINUE
8	**TAB. FOURTS B**	1 TAB	1	0	0	ORAL	AFTER FOOD	TO CONTINUE

DISCHARGE ADVICE	
DIET	LOW FAT, SALT & DIABETIC DIET.
PHYSICAL ACTIVITIES	AVOID STRENUOUS ACTIVITIES.
REVIEW	REVIEW WITH **CTVS TEAM FOR CABG.**

To report: If temp > 101 'F / Difficulty in breathing / chest pain / Giddiness/ palpitations.
In case of emergency Contact: Medway Hospitals @ 4310 8959.

"I understood the Content of the discharge summary."

Dr. G. Gnanavelu. MD., DM., (cardio) FACC
Chief Cardiologist

Typed by: Ezhilarasi.

Dr. G. Gnanavelu MD, DM (cardio), FACC
Chief Cardiologist
Reg. No: 39469

MHI/NUR/2022/203

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Mr.MANOHARAN N
69/Male/MHI202381521
27/12/2023/IPH202300261 1
Dr.G. GNANAVELU

Medway Heart Institute
Every heart beat counts

DAY CARE INITIAL ASSESSMENT FORM

Date: 28/12/23 **Time of arrival :** 11.10

Part A *(to be filled by Nurses)*

Vital Signs: Temp: 97.4 (°F) | Pulse / HR: 76 (beats/min) | BP: 143/80 (mmHg)
Respiration: 21 (breaths/min) | SpO_2: 99 (%) | Height: 169 (cms) | Weight: 75 (kgs) | BMI: 26.1 kg/m²

Any Language Barrier: ☐ Yes ☑ No If yes, please call Language Coordinator / Translator

Allergies : ☐ Yes ☑ No *If Yes, specify :* _____

Psychosocial Assessment:

Alcohol Intake: ☐ Yes ☑ No **Substance Abuse:** ☐ Yes ☑ No **Smoking:** ☐ Yes ☑ No

Do you have any special religious, spiritual or cultural needs to be considered? ☐ Yes ☐ No

If Yes, specify details: —

Pain Screening

Pain: ☐ Yes ☑ No. If Yes, Score: 0/10

Pain Scale used: ☐ PIPPS (28 weeks to < 38 weeks) ☐ CRIES (38 weeks - 2 months)
☐ FLACC Scale (2 months - 7 years) ☐ Wong-Baker FACES Pain Rating Scale (7 years - 12 years)
☑ Numerical Rating Scale (Age more than 12 years)

Duration: — Location: —

Pain Character: ☑ Dull ☐ Aching ☐ Sharp ☐ Stabbing ☐ Shooting ☐ Burning ☐ Referred / Radiant Pain

Nutritional Screening:
Last 3 months Appetite ☐ Increased ☐ Decreased ☑ No Change
Last 3 months Weight ☐ Increased ☐ Decreased ☑ No Change

Fall Risk Screening for adults: ☑ No Risk
☐ Age more than 65 years ☐ History of fall in last 3 months
☐ Walks with assistance ☐ Any neurological problem
In case of 2 or more criteria met initiate detailed fall assessment and fall prevention protocol

Fall Risk Screening *(for pediatrics)* —
☐ H/O fall in last 3 months ☐ Neurological problem (vertigo, seizure, etc) ☐ Deranged Mobility ☐ No Risk
In case of 2 or more criteria met initiate detailed fall assessment and fall prevention protocol

	Signature	Name	Emp. No.	Date	Time
Nurse		Roman	0157	28/12/23	11.30

Part B *(to be filled by Physicians)*

Chief Complaints

[illegible]

Past Medical History

—

Personal History

—

Significant Family History

—

Current Medication

S. No.	Current Medication	Dose	Route	Frequency	Date & Time of last dose	To be continued during hospital stay
1	[illegible]	20mg	p/o	0-0-1	26/12/23 at 8pm	☑ Yes ☐ No
2	[illegible]	75mg	p/o	1-0-0	27/12/23 at 8am	☑ Yes ☐ No
3	[illegible]	2.5mg	p/o	1-0-1	27/12/23 at 8pm	☑ Yes ☐ No
4	[illegible]	8mg	p/o	1-0-1	27/12/23 at 8pm	☑ Yes ☐ No
5	[illegible]	40mg	p/o	1-0-0	27/12/23 at 8am	☑ Yes ☐ No
6	[illegible]	500/1 mg	p/o	1-0-1	27/12/23 at 8pm	☑ Yes ☐ No
7	[illegible]	150 mg	p/o	1-0-1	27/12/23 at 8pm	☑ Yes ☐ No
8	[illegible]	MAB	p/o	1-0-0	27/12/23 at 8pm	☑ Yes ☐ No
						☐ Yes ☐ No
						☐ Yes ☐ No

Clinical Examination / Investigation

CVS - S1S2
RS - NVBS
Abd - Soft
CNS - NAD

Provisional Diagnosis

EFFORT ANGINA
? OLD IWMI
CRBBB
ADEQUATE LVF
TYPE 2 DM

Plan of Care (including Investigations Ordered)

ELECTIVE CAG

Doctor's Signature	Name	Reg. No.	Date	Time
[signature]	Dr. Anish Nelson Reg. No: 88434	Dr. Anish Nelson Reg. No: 88434	27/12/28	11:20

MHI/IP/2022/041

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Mr.MANOHARAN N
69/Male/MHI202381521
27/12/2023/IPH2023002611
Dr.G. GNANAVELU

Medway Heart Institute
rt beat counts

DOCTOR'S PROGRESS NOTES

DATE	NOTES
27/12/23 2:45PM	CAG
	- Rt radial access
	- 5F sheath
	- 5F TIG → CAG done
	Imp: Rt dominant / TVD
	Adv: CABG.
	[signature] 97241
27/12/2023 16.00	C/S/B DR. Anish (CU)
	- Pt. reviewed
	- Nil complaints
	- H/O stable?
	- CAG - TVD
	- Plan - CABG
	- N R/W PR AM & [illegible]
	[signature] Dr. Anish Nelson Reg. No: 88434
16.00PM	Patient for BR [illegible]
	[signature]

Dr. Anish Nelson
Reg. No: 88434

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Mr.MANOHARAN N
69/Male/MHI202381521
27/12/2023/IPH202300261
Dr.G. GNANAVELU

MHI/NUR/2022/111

Medway Heart Institute
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PATIENT TRANSFER FORM DIAGNOSTICS / PROCEDURES

Diagnosis: MMI / TODN / SHTN **Allergies if any:** ~~NKDA~~ / ~~NKDA~~ / ~~NKDA~~ NKDA

From (Area)	To (Area)	Date	Time	Reason for Transfer / Name of Procedure
RL	CATH LAB	27/12/23	1.15	CAG

Method of Transfer: ☐ On Bed ☐ On Wheelchair ☐ On Stretcher

ASSESSMENT OF PATIENT:
General condition of Patient: ☑ Conscious ☐ Semi-conscious ☐ Un-conscious

Language Barrier: ☐ Yes ☐ No ☐ If Yes, specify: _____

Fall Risk Category: ☑ Low Risk ☐ Medium Risk ☐ High Risk

Vital Signs *(to be documented at the time of shifting)*:

Temp (°F)	RR (breaths/min)	Pulse (beats/min)	SpO_2 (%)	BP (mmHg)	Pain Score
97.1	19	63	99	120/68	0/10

Pain Scale used: ☐ PIPPS (28 weeks to ≤ 38 weeks) ☐ CRIES (38 weeks - 2 months)
☐ FLACC Scale (2 months - 7 years) ☐ Wong-Baker FACES Pain Rating Scale (7 years - 12 years)
☑ Numerical Rating Scale (>12 years) ☐ CPOT (ventilator / comatose)

Any pre-medication given: —

Any critical information: —

Any specific recommendation: —

	Signature	Name	Emp. No.	Date	Time
Handover by		Divya	0159	27/12/23	1.20
Handed over to		Bavatharini	0176	27/12/23	13.20

After Procedure:
Procedure completed: ☑ Yes ☐ Yes | Any critical information: Nil

Vital Signs *(to be documented at the time of shifting)*:

Temp (°F)	RR (breaths/min)	Pulse (beats/min)	SpO_2 (%)	BP (mmHg)	Pain Score
98.2	22 br/mt	90 bt/mt	98%	165/70 mmHg	0/10

Pain Scale used: ☐ PIPPS (28 weeks to ≤ 38 weeks) ☐ CRIES (38 weeks - 2 months)
☐ FLACC Scale (2 months - 7 years) ☐ Wong-Baker FACES Pain Rating Scale (7 years - 12 years)
☐ Numerical Rating Scale (>12 years) ☐ CPOT (ventilator / comatose)

	Signature	Name	Emp. No.	Date	Time
Handover by		Bavatharini	0176	27/12/23	15.30
Handed over to		Kavitha	0282	27/12/23	15.30

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Mr.MANOHARAN N
69/Male/MHI202381521
27/12/2023/IPH2023002611
Patient Na
Dr.G. GNANAVELU
Consultan

ANGIOGRAM / CORONARY ANGIOPLASTY

Sex: M/F
No: UHID

CONDITION AND PROCEDURE

Dr Gnanavelu has explained that I have the following condition:

Fat (cholesterol) and calcium can build up in the arteries like rust in old pipes. It can stop the flow of blood to the heart. This can cause angina or a heart attack. The Coronary Angiography procedure is performed to show up the amount of disease in the coronary arteries, the blood vessels that supply the heart with bleed. After an injection of local anaesthetic, a fine tube (catheter) is put into the artery in the groin/hand. The tube is carefully passed into each coronary artery in turn. A series of video pictures are taken using x-rays and an iodine containing contrast medium (x-ray dye). The contrast medium may be injected into the main pumping chamber of the heart (left ventricle). This helps us to find out whether you have any narrowing or blockage of your coronary arteries. The doctor can then tell you which treatment is best for you after carefully studying and discussing your pictures. This may be an operation such as a coronary by-pass or a procedure called an angioplasty (the arteries are widened using a small sausage shaped balloon). Sometimes, drugs alone may be a suitable option.

RISKS OF THIS PROCEDURE

The risk of coronary angiography depends on:

(i)The nature of coronary artery disease (ii)The pumping status of the heart (iii) Your age and general health

These are some of the more serious risks that can happen, but are not the only risks:

Less than 1 in 10,000 (0.0001%)	(a) skin injury from radiation, causing, reddening of the skin
1 in 1000 people (0.001%)	(b) A stroke. This can cause paralysis and long term disability (c) Heart attack. (d) A dangerous reaction to the x-ray contrast medium (dye). If this happens, you may have severe reactions such as asthma, shock and convulsions. Death in extremely rare cases about 1 in 2,50,000 to 4,00,000 injections. (e) Need for major surgery to the leg at the puncture site. (f) Need for emergency heart surgery or angioplasty. (g) A higher lifetime risk from x-ray exposure. (h) Death
1 in 100 people (0.01%)	(I)the heart may not beat in a proper rhythm which will need urgent treatment (j) Surgical repair of the groin puncture site. This may need a longer stay in hospital. (k) Minor reaction to contrast medium such as hives. (l) Loss/impairment of kidney function due to the contrast medium
1 in 20 people (0.05%)	(m) Major bruising or swelling at the groin punture site
Most People	(n) Minor bruising

PATIENT CONSENT:

P acknowledge that Dr Gnanavelu has explained my medical condition and the proposed procedure. I understand the risks of the procedure, the anaesthetic including the risks that are specific to me and the likely outcomes if complications occur. The Doctor has explained other relevant treatment options their risks and my right to refuse the treatment . He has explained my prognosis and the risks of not having the procedure . I was able to ask questions and raise concerns with the doctor about my condition, the procedure and its risks, and my treatment options. My questions and converns have been discussed and answered to my satisfaction. I understand that in the unlikely event of complications, I may require a blood transfusion, an additional procedure or surgery. The doctor has explained to me that if immediate life-threatening events happen during the procedure, they will be treated accordingly. I understand that no guarantee has been made that the procedure will improve the condition

On the basis of the above statements,

I REQUEST TO HAVE THE PROCEDURE

	Signature	Name	Date	Time
Patient/Guardian with relationship	N Manoharan	MR. MANOHARAN (3010)	27/12/23	12.00
witness		M. Sudhakar Reddy	27/12/23	12.00
Doctor		Dr. Salai Sudhan	27/12/23	12.00
Interpreter				

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Medway Heart Institute
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இருதய ஆன்ஜியோகிராம் பரிசோதனைக்கான ஒப்பம்

நோயாளியின் பெயர்:	வயது:	பாலினம்: ஆண் / பெண்
மருத்துவ ஆலோசகர்:	வார்டு படுக்கை எண்:	யுஹெச்ஐடி (UHID) :

நிலை மற்றும் செயல்முறை

பின்வரும் சூழ்நிலையை நான் கொண்டிருப்பதாக மருத்துவர் ..... அவர்கள் விளக்கினார்.

பழைய இரும்புக் குழாய்களில் துருபிடிப்பதைப் போல், தமனிகளில் கொழுப்பு மற்றும் கால்சியம் சேரும். இது ஆன்ஜினா அல்லது மாரடைப்பினை ஏற்படுத்துகிறது. இதயத்திற்கு ரத்தத்தினை வழங்கும் ரத்தக்குழாயான இதயச்சுவர் சிரை தமனிகளில் நோயின் அளவினை கண்டறிய கரோனரி ஆஞ்சியோகிராஃபி செயல்முறை மேற்கொள்ளப்படும். ஒரு லோக்கல் அனஸ்தீட்டிக் (மயக்க மருந்து) வழங்கப்பட்ட பின். ஒரு சிறிய குழாயானது (கதீட்டர்) கவட்டை/கையிலுள்ள தமனியில் செலுத்தப்படும். இந்த குழாய் ஒவ்வொரு இதயச்சுவர் சிரை தமனிகளிலும் மாற்றி மாற்றி கவனமாக வரிசையாக செலுத்தப்படும். எக்ஸ்ரே மற்றும் பிற அயோடின் கொண்டுள்ளள காண்ட்ராஸ்ட் மீடியத்தினை (எண்ஸ்ரே டை) பயன்படுத்தி, பல வீடியோ படங்கள் வரிசையாக எடுக்கப்படும். இதயத்தின் முக்கிய ஏற்றியிறைத்தல் அறையில் (இடதுபக்க இருதய கீழறை) இந்த காண்ட்ராஸ்ட் மீடியம் உட்செலுத்தப்படலாம். இது இதயத்தின் அளவினை மதிப்பிடவும் மற்றும் அது எவ்வாறு பம்ப் செய்கிறது என்பதை மதிப்படவும் மேற்கொள்ளப்படும். இப்படங்கள் நமக்கு இதயச்சுவர்சிரை தமனிகள் குறித்த ஒரு படத்தினை வழங்கும். இது உங்களுக்கு ஏதேனும் அடைப்பு இருக்கிறதா என்பதை கண்டறிய உதவும். பின்னர் உங்கள் படங்களை கவனமாக பார்த்த பின் மருத்துவரால் உங்களுக்கு ஏற்ற சிகிட்சையை மேற்கொள்ள முடியும். இவை பை-பாஸ் அறுவை சிகிட்சையாகவும் இருக்கலாம் அல்லது ஆன்ஜியோபிளாஸ்டி (பலூன் வடிவம் கொண்டதொரு சிறிய சாசேஜ் கொண்டு தமனியை அகலப்படுத்துதல்) என்னும் ஒரு செயல்முறையாகவும் இருக்கலாம். சில நேரங்களில் மருந்துகள் மட்டுமே போதுமானதாக இருக்கலாம்.

இச்செயல்முறையிலுள்ள இடர்பாடுகள்

இதயச்சுவர் சிரை ஆன்ஜியோகிராஃபியிலுள்ள இடர்பாடுகள் பின்வருபவைகளையே சார்ந்திருக்கும்

(i) இதயச்சுவர் சிரை தமனி நோயின் தன்மை (ii) இதயத்தின் ஏற்றியிறைத்தல் நிலை (iii) இதயத்தின் வயது மற்றும் பொது ஆரோக்கியம்

ஏற்பட வாய்ப்புள்ள சில தீவிர இடர்பாடுகள் பின்வருமாறு. ஆனால் இவைகள் மட்டுமே முழுமையான இடர்பாடுகள் அல்ல

10,00-ல் ஒருவருக்கும் கீழ் (0.0001 சதவிகிதம்)	(a) கதிர்வீச்சின் காரணமாக ஏற்படும் தோல் பாதிப்பு, சருமம் சிவந்து போதல்
1000-ல் ஒருவருக்கு (0.001 சதவிகிதம்)	(b) வலிப்பு. இது பக்கவாதம் மற்றும் நீண்டநாள் ஊனத்தை ஏற்படுத்தலாம் (c) மாரடைப்பு (d) எக்ஸ்-ரே காண்ட்ராஸ்ட் மீடியத்தின் (டை) ஆபத்தான விளைவுகள் . இவை ஏற்பட்டால் உங்களுக்கு ஆஸ்துமா, அதிர்ச்சி மற்றும் வலிப்பு போன்றவைகள் ஏற்படலாம். 2,50,000 முதல் 4,00,000 ஊசிகளில் ஒன்று மரணத்தையும் விளைவிக்கலாம். (e) குத்தப்பட்ட இடத்தில் பெரிய அறுவை சிகிச்சை மேற்கொள்ள வேண்டியது வரலாம். (f) அவசரகால இதய அறுவை சிகிச்சை அல்லது ஆன்ஜியோபிளாஸ்டிக் தேவைப்படலாம். (g) எக்ஸ்ரே கதிர் பாதிப்பு காரணமாக அதிக வாழ்நாள் அச்சுறுத்தல் இடர்பாடு. (h) இறப்பு
100-ல் ஒருவருக்கு (0.01 சதவிகிதம்)	(I)இதயம் சரியான முறையில் துடிக்காமல் இருக்கலாம். அதற்கு அவசரமாக சிகிச்சை தேவைப்படும் (j) குத்தப்பட்ட கவட்டை பகுதியில் அறுவை சிகிச்சை சரிபாடு. இதனால் மருத்துவமனையில் நீண்ட நாட்கள் தங்கியிருக்க வேண்டியது வரலாம் (k) தோல் அரிப்பு போன்ற சிறு விளைவுகள் (l) காண்ட்ராஸ்ட் மீடியம் காரணமாக சிறுநீரகம் செயல்படாமை அல்லது அதன் வலுகுறைதல்
20-ல் ஒருவருக்கு (0.01 சதவிகிதம்)	(m) குத்தப்பட்ட இடத்தில் பெரிய அளவிலான சிராய்ப்பு அல்லது வீக்கம்
வரும்பாலான மக்களுக்கு	(n) சிறிய அளவிலான சிராய்ப்பு

நோயாளி ஒப்புதல்

மருத்துவர் ..... அவர்கள் என்னுடைய மருத்துவ நிலையையும் மற்றும் முன்மொழியப்பட்டுள்ள செயல்முறையையும் எனக்கு விளக்கினார். செயல்முறையிலுள்ள இடர்பாடுகள், மயக்க மருந்துகள் உட்பட எனக்கு குறிப்பாக ஏற்படும் இடர்பாடுகள் மற்றும் சிக்கல்கள் ஏற்பட்டால் என்னவாகும் என்பவைகளை நான் புரிந்து கொண்டள்ளேன். மருத்துவர் பிற தொடர்புள்ள சிகிச்சை விருப்பத் தேர்வுகள், அதன் இடர்பாடுகள் மற்றும் சிகிச்சை மறுப்பதற்கான என்னுடைய உரிமை ஆகியவைகளையும் எனக்கு விளக்கினார். அவர் என்னுடைய முன் கணிப்புகள் மற்றும் செயல்முறையை மேற்கொள்ளாமல் இருப்பதால் ஏற்பட வாய்ப்புள்ள இடர்பாடுகள் ஆகியவைகளையும் எனக்கு விளக்கினார். என்னுடைய நிலை குறித்து என்னால் கேள்வி எழுப்ப முடிந்தது மற்றும் என்னுடைய கவலைகளை தெரிவிக்கவும். செயல்முறை மற்றும் அதன் பலன்களை தெரிவிக்கவும் மற்றும் எனது சிகிச்சை விருப்பத்தேர்வுகள் குறித்த கவலைகளையும் என்னால் தெரிவிக்க முடிந்தது. என்னுடைய கேள்விகளும் மற்றும் கவலைகளும் கலந்தாலோசிக்கப்பட்டது மற்றும் எனக்கு திருப்திகரமான முறையில் அவற்றிற்கு பதிலளிக்கப்பட்டது. அசாதாரணமான சூழலில், எனக்கு இரத்தமேற்றுதல், ஒரு கூடுதல் செயல்முறை அல்லது அறுவைசிகிச்சை தேவைப்படலாம் என்பதை நான் புரிந்து கொண்டுள்ளேன். உயிருக்கு ஆபத்தினை விளைக்கும் நிகழ்வுகள் ஏற்பட்டால் அதற்கு உடனடியாக சிகிச்சையளிக்கப்படும் என்பதை எனக்கு விளக்கினார், இச்செயல்முறையினால் என்னுடைய நிலை மேம்படும் என்பதற்கு எத்தகைய உத்திரவாதமும் இல்லை என்பதை நான் புரிந்துகொண்டுள்ளேன்.

செயல்முறையை எனக்கு மேற்கொள்ளுமாறு கேட்டுக்கொள்கிறேன்

	கையெழுத்து	பெயர்	தேதி	நேரம்
நோயாளி (பாதுகாவலர்) உறவுமுறை				
சாட்சி				
மருத்துவர்				
மொழிபெயர்ப்பாளர்				

TRANSRADIAL CORONARY ANGIOGRAM REPORT

Patient Name:	Mr. MANOHARAN.N		ID:	MHI202381521
Age/Gender :	69 M		IPH:	IPH2023002611
Cath No. :	3487		DOP:	27.12.2023
Done by	Assisted by	Technician	Physician assistant	
Dr.Gnanavelu	Ms. Panchavarnam	Mr. Pandiyan	Ms. Shalini	

DIAGNOSIS: EA; ?OLD IWMI; COMPLETE RBBB; T2DM; HBP; RWMA; ADEQUATE LV FUNCTION

Access: Right radial artery — Total exposure time: 226.6"

Hardware used: 5F sheath, 5F TIG — Total DAP: 19.82 Gy.cm^2

Contrast used: CONTRAPAQUE 50 ml — Total RAK: 69.05 mGy

Medications given: Inj NTG 200 mcg & Inj Heparin 2500 IU IA

Hemodynamic data: Aortic pressure: 148/83(104) mmHg; HR 77 bpm; SpO2 100%

Selective Coronary angiogram done in multiple angulated views:

ARTERY	FINDINGS
LEFT MAIN	Distal LM has mild plaque. Bifurcates into LAD & LCx. Calcified coronaries.
LAD	Type 3 vessel. Proximal LAD has luminal irregularities with calcification. Mid LAD has 90-95% discrete stenosis. Distal LAD has luminal irregularities. Gives 2 major diagonals. First diagonal ostium shows mild disease. Second diagonal bifurcates into superior and inferior division. Inferior division has diffuse disease.
LCx	Nondominant. Ostioproximal LCX has 90% discrete stenosis. Distal LCX is a thin vessel with diffuse disease. Gives 2 major OMs. OM1 proximal part has 90% tubular stenosis. OM2 distal part has diffuse disease.
RCA	Dominant. Proximal and Mid RCA have luminal irregularities with dense adventitial calcification. Distal RCA has 90-95% tubular stenosis. PDA proximal part has diffuse disease upto 90% stenosis. PLV has luminal irregularities.
IMA	LIMA & RIMA are normal. Left vertebral artery ostium has 30% stenosis.

FINDINGS: RIGHT DOMINANT SYSTEM; TRIPLE VESSEL DISEASE

ADVICE: CABG X Grafts to LAD, MAJOR OM & DISTAL RCA/PDA

Dr. G. Gnanavelu MD, DM (cardio), FACC
Chief Cardiologist
Reg. No: 39469

Dr. G. GNANAVELU, MD, DM

Medway Heart Institute
Every heart beat counts

Mr.MANOHARAN N
69/Male/MHI202381521
27/12/2023/IPH2023002611
Dr.G. GNANAVELU

MHI/NUR/2022/048

DATE & TIME	Observation / Action	Signature with Emp.No
27/12/23 11.10	⇒ pt on Cot Admission RL, pt on Conscious & oriented, V/S checked & recorded, IV line Patent	
	⇒ pt on NPO – 9am	
	⇒ parts preparation done	
	⇒ pt on no complaints	
11.15	⇒ pt on shifted to cath lab	
	Cath Lab	
13.20 27/12/23	⇒ Pt Received from RC to Cath Lab. Conscious and oriented. Vitals stable.	0176
14.45	⇒ Sterile draping done. CAG Procedure started.	
14.55	⇒ Rt Radial arterial approach under Local anaesthesia.	0176
14.55	⇒ Inj: NTG 200 mcg + Inj: Heparin 2500 IU given O/B Dr. GNG(sir)	
15.00	⇒ BP: 144/80 (102) mmHg, HR: 92 b/m, SpO2: 98%. Vitals Stable.	0176
15.00	⇒ Inj: Heparin 2500 IU IV given O/B Dr. GNG(sir)	
15.10	⇒ Procedure CAG done. Rt Radial arterial sheath removed. Tight Plaster bandage applied. no oozing & hematoma	0176

Document endorsed by	Signature	Name	Emp. No.	Date	Time
		Sathiya	0010	27/12/23	15.10.

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MHI/NUR/2022/048

DATE & TIME	Observation / Action	Signature with Emp.No
27/12/23 15.30	=> Pt shifted to PC all reports hand over to R/N. Ramya	0176
16.00	pt take oral liquid & voided	
16.30	pt take diet, no vomitting	
17.00	pt on continuous cardiac monitoring, vitals are monitoring, Patient belongs hand over to patient attendes, vitals, HR- 72	0184
18.30.	RR - 21, BP - 130/90, SPO2 - 98%, pt got discharge. with all old report, Discharge summary, Angio report, & image.	0184

Document endorsed by	Signature	Name	Emp. No.	Date	Time
	[signature] 0184	Rathnapriya	0184	27/12/23	18:30

MHI/OT/2022/086

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SAFE PROCEDURE CHECKLIST
Adapted from WHO Safe Surgery Checklist

Medway Heart Institute

Mr. MANOHARAN N
69/Male/MHI202381521
27/12/2023/IPH2023002611
Dr.G. GNANAVELU

Name of the Procedure : CAG Location : Cath Lab. Date & Time : 27/12/23

Does the Procedure involve Procedural Sedation : ☐ Yes ☑ No

SIGN IN 14.45 Before Induction of Procedural Sedation	TIME OUT 14.55 After procedural Sedation and before procedure	SIGN OUT 15.10 When Doctor indicates that the Procedure is completed
(Anaesthetist / Qualified Physician administering Procedural Sedation + Nurse + Technician + Doctor performing the procedure)	(Anaesthetist or Qualified Physician administering Procedural Sedation + Nurse + Technician + Doctor performing the Procedure	
Patient Confirmation	All team members introduce themselves by Name and Role	To be done for each procedure in case of multiple procedures
Identity by two identifiers ☑ Yes	Identity by two identifiers ☑ Yes	Name of the Procedure done written down CAG ☑ Yes
Procedure ☑ Yes	Procedures CAG ☑ Yes	Name and site of all specimens / investigations ☐ Yes ☑ NA confirms labeling and sent to lab
Side ☐ Rt ☐ Lt ☐ NA	Side Rt Radial artery approach ☑ Rt ☐ Lt ☐ NA Expected Blood loss NIL	
Consent ☑ Yes	Position Supine ☑ Yes	Any recovery concerns : ☐ Yes ☑ None If Yes, Pls. specify :
Known Allergy ☐ Yes ☑ No If yes, plaese specify	Consent ☑ Yes	
	Required equipment and implants available ☑ Yes ☐ NA	
Difficult airway / aspiration risk / dentures ☑ No ☐ Yes, equipment and assistance available	Essential Imaging displayed ☑ Yes ☐ NA	
	Antibiotic prophylaxis within last 60 minutes ☐ Yes ☑ NA	
Possibility of hypothermia ☑ No ☐ Yes, warmer in place	Name of the Antibiotic given	Any Equipment / instrument problem that needs to be addressed : ☐ Yes ☑ None If Yes, Pls. specify :
	Venous Thromboembolism Prophylaxis Provided ☐ Yes ☑ NA	
All concerned anesthesia equipment and medication check complete	Anticipated duration briefed ☑ Yes	
☐ Spo2 ☑ NIBP ☑ Others pls. specify ECG	Anticipated blood loss briefed ☑ Yes ☐ NA	
Pre OP medication taken ☐ Yes ☑ No	Adequate fluids and blood available ☑ Yes ☑ NA	
	Team briefed on any critical or unexpected steps ☑ Yes	Corrective action :
Required equipment for procedure available ☑ Yes ☐ NA	For procedural sedation cases	
	Any patient specific concerns : ☐ Yes ☑ None	
	Intra procedure glycemic control ☐ Yes ☑ NA	
	Any concerns about sterility ☐ Yes ☑ None	

Anaesthetist / Doctor giving Procedural Sedation	Doctor performing the Procedure :	Nurse : PN. Sathiya	Technician : Mr. Pandiyan	Others Please Specify :
Date :	Date : 27/12/23	Date : 27/12/23	Date : 27/12/23	Date :
Time :	Time : 15.20	Time : 15.20	Time : 15.20	Time :

MHI/CATH/2022/085

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Procedure Monitoring Sheet (Cath Lab)

Mr.MANOHARAN N
Patient Name: 69/Male/MHI202381521
27/12/2023/IPH2023002611

Age / Sex :

UHID / IP : Dr.G. GNANAVELU

Ward Unit :

Consultant :

Diagnosis :

Pre Procedure Checklist (Please tick appropriately – To be filled by the Ward Nurse)

PARAMETERS	YES	NO	NA
Vital signs : BP: 140/80 Temp: 97.1 Pulse: 76 RR: 19 SPO2: 99	✓		
Urine voided	✓		
Bowel preparation	✓		
Pre-procedure medication administered	✓		
Procedure site marked	✓		
Skin preparation done	✓		
NPO — 9.00	✓		
Loose Tooth removed			✓
Contact lenses / Eye glasses removed			✓
Prosthesis present			✓
Jewellery/Nail polish removed			✓
Checked for Allergies (Drug / food)			✓
IV line/In-situ	✓		
Consent taken	✓		
Investigation reports / Documents received	✓		
Signature of Nurse :	Date & Time : 27/12/23 @ 11.30		

Intra – Procedural Record (To be filled by the Cath Lab Nurse)

Time	HR / min	RR / min	BP mmHg	SpO_2%	Medication / Remarks	Sign. of Nurse
14.45	92 bt/mt	22 br/mt	144/80 (102)	97-1.	-	
15.00	90 bt/mt	22 br/mt	154/82 (106)	97-1.	-	
15.10	92 bt/mt	22 br/mt	165/70 (109)	97-1.	-	
		Procedure got over				

Post Procedure Follow Up Data (to be filled by the doctor)

Time : 15.20 Route : Rt Radial arterial approach

Complication : Nil

BP : 165/75 mmHg, HR : 92 bt/mt, RR : 98, SpO2 : 98%

Brachial
~~Distal~~ Pulse: felt, Puncture Site: no oozing & hematoma

Advise:

- Shift To: Ward / ICU / RC
- Bed rest up to 4 hours
- Observe puncture site for bleeding
- Watch for Pulse in Rt Radial artery.
- Diet DM diet

- Inform Duty Medical Officer SOS
  a) If patient complains of any Discomfort
  b) If dressing is Loose or Socked with Blood
  c) If limbs are Cold / Absent Pulse
- Remove Rt Radial arterial dressing on 28/12/23 at 15.00 AM /PM after informing to the consultant.
- Special instruction if any: Nil

Name & Signature of Consultant

POST PROCEDURE OBSERVATION

Date & Time	BP	HR	RR	SpO2%	Site Evaluation	Extremity Status	Remarks	Sign. of Nurse
27/12/23 15.20	160/78	90	20	98%	no oozing & hematoma	Good	-	
15.30	154/80	92	22	97%	no oozing & hematoma	Good	-	

Nurses Notes :

Procedure CAG done. Rt Radial arterial sheath removed. Tight plaster bandage applied. no oozing & hematoma

Condition at the end of procedure : ☑ Stable ☐ Critical

Patient shift to : ☐ Recovery Room ☐ Patient Room ☐ CCU ☑ Other RC

Name & Signature of the Nurse :

Date & Time : 28/12/23 @ 15.30.

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Patient Details (Affix Label here)
Mr.MANOHARAN N
69/Male/MHI202381521
27/12/2023/IPH2023002611
Dr.G. GNANAVELU

MHI/NUR/2022/045

Medway Heart Institute
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BRADEN SCALE FOR PREDICTING PRESSURE INJURY RISK

					Date: 21	22	23
					Time: AM	8	PM
SENSORY PERCEPTION ability to respond meaning-fully to pressure-related discomfort	**1. Completely Limited** Unresponsive (does not moan, flinch,or grasp) to painful stimuli, due to diminished level of consciousness or sedation **OR** limited ability to feel pain oyer most of body	**2. Very Limited** Responds only to painful stimuli. Cannot communicate discomfort except by moaning or restlessness **OR** has a sensory impairment which limits the ability to feel pain or discomfort over 1/2 of body	**3. Slightly Limited** Responds to verbal commands, but cannot always communicate discomfort or the need to be turned **OR** had some sensory impairment which limits ability to feel pain or discomfort in 1 or 2 extremities	**4. No Impairment** Responds to verbal commands. Has no sensory deficit which would limit ability to feel or voice pain or discomfort	4	4	
MOISTURE degree to which skin is exposed to moisture	**1. Constantly Moist** Skin is kept moist almost constantly by perspiration, urine etc. Dampness is detected every time patient is moved or turned	**2. Very Moist** Skin is often, but not always moist. Linen must be changed at least once a shift	**3. Occasionally Moist** Skin is occasionally moist, requiring an extra linen change approximately once a day	**4. Rarely Moist** Skin is usually dry, linen only requires changing at routine intervals	3	3	
ACTIVITY degree of physical activity	**1. Bedfast** Confined to bed	**2. Chairfast** Ability to walk severely limited or non-existent. Cannot bear own weight and / or must be assisted into chair or wheelchair	**3. Walks Occasionally** Walks occasionally during day, but for very short distances, with or without assistance. Spends majority of each shift in bed or chair	**4. Walks Frequently** Walks outside room at least twice a day and inside room at least once every two hours during waking hours	4	4	
MOBILITY ability to change and control body position	**1. Completely Immobile** Does not make even slight changes in body or extremity position without assistance	**2. Very Limited** Makes occasional slight changes in body or extremity position but unable to make frequent or significant changes independently	**3. Slight Limited** Makes frequent through slight changes in body or extremity position independently	**4. No Limitation** Makes major and frequent changes in position without assistance	4	4	
NUTRITION usual food intake pattern	**1. Very Poor** Never eats a complete meal. Rarely eats more than any food offered. Eats 2 servings or less of protein(meat or dairy products) per day. Takes fluids poorly. Does not take a liquid dietary supplement **OR** Is NPO and / or maintained on clear liquids or IV's for more than 5 days	**2. Probably Inadequate** Rarely eats a complete meal and generally eats only about 2 of any food offered. Protein intake includes only 3 servings of meat or diary products per day. Occasionally will take a dietary supplement	**3. Adequate** Eats over half of most meals. Eats a total of 4 servings of protein (meat, diary products) per day. Occasionally will refuse a meal, but will usually take a supplement when offered **OR** Is on a tube feeding or TPN regimen which probably meets most of nutritional needs	**4. Excellent** Eats most of every meal. Never refuses a meal. Usually eats a total of 4 or more servings of meat and diary products. Occasionally eats between meals. Does not require supplementation	4	4	
FRICTION & SHEAR	**1. Problem** Requires moderate to maximum assistance in moving. Complete lifting without sliding against sheets is impossible. Frequently slides down in bed or chair, requiring frequent re-positioning with maximum assistance. Spasticity, contractures or agitation leads to almost constant friction	**2. Potential Problem** Moves feebly or requires minimum assistance. During a move skin probably slides to some extent against sheets, chair, restraints or other devices. Maintains relatively good position in chair or bed most of the time but occasionally slides down	**3. No Apparent Problem** Moves in bed and in chair independently and has sufficient muscle strength to lift up completely during move. Maintains good position in bed or chair		4	4	
				TOTAL SCORE	23	23	
				Initial & Emp. No. of Staff Nurse:			
				Initial & Emp. No. of Sr. Staff Nurse:			

Score Interpretation: *Minimal Risk: 23 - 19; At Risk / Mild Risk: 18 - 15; Moderate Risk: 14 - 13; High Risk: 12 - 10; Severe Risk: 9 - 6*

S.No. : 22

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Patient Details (Affix Label here)
Name: Mr.MANOHARAN N
UHID: 69/Male/MHI202381521
DOA: 27/12/2023/IPH2023002611
DOC: Dr.G. GNANAVELU

MHI/NUR/2022/052

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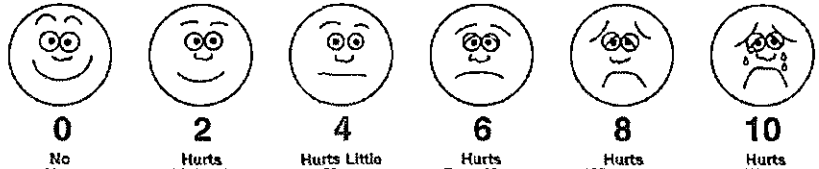
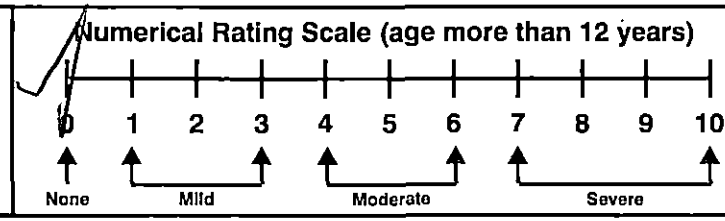
PAIN RE-ASSESSMENT & MONITORING CHART

Date & Time	Pain Score	Pain Character (dull, achy, sharp, stabbing, shooting, burning, referred / radiant pain)	Duration	Location / Site	Interventions	Staff Initial & Emp. No.	Senior Staff Initial & Emp. No.
27/12/23 @ 11.00	0/10	no pain	—	—	—		
12.00	0/10	no pain	—	—	—		
13.00	0/10	No pain	—	—	—		
14.00	0/10	Shifted the pt cath lab at 13.20 No pain Received the pt from cath lab at 15-35	—	—	—		
15.00	0/10	No pain	—	—	—		
16.00	0/10	No pain	—	—	—	028	
17.00	0/10	No pain	—	—	—	028	
18.00	0/10	No pain	—	—	—	028	
				D/C			

Date & Time	Pain Score	Pain Character (dull, achy, sharp, stabbing, shooting, burning, referred / radiant pain)	Duration	Location / Site	Interventions	Staff Initial & Emp. No.	Senior Staff Initial & Emp. No.

PAIN SCALES

PIPPS (28 weeks to ≤ 38 weeks)	**6 or less** = Minimal to no pain **7 - 12** = Mild pain - Provide comfort measures **>12** = Moderate to severe pain - Pharmocological intervention
CRIES (38 weeks - 2 months)	**The CRIES scale is used for infants > than or = 38 weeks of gestation. A maximal score of 10 is possible. If the CRIES score is > 4, further pain assessment should be undertaken, and analgesic administration is indicated for a score of 6 or higher.**
FLACC Scale (2 months - 7 years)	**0: Relaxed & comfortable, 1-3: Mild discomfort, 4-6: Moderate discomfort, 7-10: Severe discomfort / pain / both**
Wong-Baker FACES Pain Rating Scale (7 years - 12 years)	 
Critical care Pain Observation Tool (CPOT) (ventilator / comatose)	**FACIAL EXPRESSION:** 0 - Relaxed, Neutral, 1 - Tense, 2 - Grimacing **BODY MOVEMENTS:** 0 - Absence of movements or normal position, 1 - Protection, 2 - Restlessness / Agitation **COMPLIANCE WITH VENTILATION (intubated patients):** 0 - Tolerating Ventilator or Movement , 1 - Coughing but tolerating, 2 - Fighting ventilator (or) **VOCALIZATION (non-intubated patients):** 0 - Talking on normal tone or no sound, 1 - Sighing, Moaning, 2 - Crying out, sobbing **MUSCLE TENSION:** 0 - Relaxed, 1 - Tense, Rigid, 2 - Very Tense, Rigid **TOTAL SCORE:** 0 - 2: No Pain; 3 - 4: Moderate Pain; 5 - 8: Severe Pain
Non-pharmacological Interventions	**Distraction:** A - Relaxation-conducive environment; B - TV; C - Music; D - Physical and mental exercisers **Cutaneous Stimulation and massage:** E - Positioning; F - Rubbing / Massage the skin **Thermal Therapies** (no longer than 15 to 20 minutes): G - Cold application; H.- Hot application; I - Shortwave diathermy **Transcutaneous electrical nerve stimulation** (TENS): J - Interferntial therapy | **Psycho-social therapy/counselling:** K - Individual Counseling; L - Family counseling
Pharmacological Interventions as per doctor's prescription	

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Mr.MANOHARAN N
69/Male/MHI202381521
27/12/2023/IPH2023002611
Dr.G. GNANAVELU

MHI/NUR/2022/047

Medway Heart Institute
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DVT RISK ASSESSMENT

Assign a score of 1 if (YES) in parameter nos. 1 to 9, and assign a score of -2 if (YES) in parameter no. 10

	Date	27/12/23						
	Time	11:30						
S. No.	**PARAMETERS**							
1	Active cancer (on-going treatment or diagnosed within 6 months or palliative care)	0						
2	Bedridden recently >3 days or major surgery within four weeks	0						
3	Calf swelling >3 cm compared with asymptomatic side, measured at 10 cm below tibial tubercle (Assess for both legs)	0						
4	Collateral (nonvaricose) superficial veins present (Assess for both legs)	0						
5	Entire leg swollen (Assess for both legs)	0						
6	Localized tenderness along the deep venous system (Assess for both legs)	0						
7	Pitting edema, greater in the symptomatic leg (Assess for both legs)	0						
8	Paralysis, paresis, or recent plaster immobilization of the lower extremity (Assess for both legs)	0						
9	Previously documented DVT (Assess for both legs)	0						
10	Alternative diagnosis to DVT as likely or more likely (Assess for both legs) / Co-morbidity like ESLD / Renal disease, Renal failure, CCF Cellulitis (commonly mistaken as DVT), Dependent (stasis) oedema, Lymphatic obstruction. Septic arthritis, Cirrhosis, Nephrotic syndrome, Calf muscle tear or strain, Haematoma (collection of blood) in the muscle, Sprain or rupture of a leg tendon, Fracture.	0						
	FINAL SCORE	0						
	Low Risk: -2 to 0 | Moderate Risk: 1 to 2 | High Risk: 3 to 8	Low						
	DVT prophylaxis started	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
	Signature & Emp. No. of RN							
	Signature & Emp. No. of Sr. RN							

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Mr.MANOHARAN N
69/Male/MHI202381521
27/12/2023/IPH2023002611
Dr.G. GNANAVELU

MHI/NUR/2022/046

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MODIFIED MORSE FALL RISK ASSESSMENT CHART

Variables										
	Date	27/12/23	27/12/23							
	Time	11.30	14'15							
History of falling (immediate or within 6 months)	No	0	0	0	0	0	0	0	0	0
	Yes	25	25	25	25	25	25	25	25	25
Secondary diagnosis (≥ 2 medical diagnosis)	No	0	0	0	0	0	0	0	0	0
	Yes	15	15	15	15	15	15	15	15	15
Intravenous Therapy / Heparin Lock / Tubes Insitu	No	0	0	0	0	0	0	0	0	0
	Yes	20	20	20	20	20	20	20	20	20
AMBULATORY AID										
None / Bed Rest / Nurse Assist		0	0	0	0	0	0	0	0	0
Crutches / Cane / Walker		15	15	15	15	15	15	15	15	15
Furniture		30	30	30	30	30	30	30	30	30
GAIT										
Normal / Bed Rest / Wheel Chair		0	0	0	0	0	0	0	0	0
Weak		10	10	10	10	10	10	10	10	10
Impaired		20	20	20	20	20	20	20	20	20
MENTAL STATUS										
Oriented to own stability		0	0	0	0	0	0	0	0	0
Overestimated or forgets limitations		15	15	15	15	15	15	15	15	15
MEDICATIONS Includes PCA / opiates, diuretics, laxatives, hypnotics, sedatives, immunosuppresent, anticonvulsants, anti-hypertensives, hypoglycemics and psychotropics	No	0	0	0	0	0	0	0	0	0
	Yes	15	15	15	15	15	15	15	15	15
Total Score		50	50							
Low Risk (0 - 24)										
Medium Risk (25 - 44)										
High Risk (45 or above)										
Signature & Emp. No. of RN										
Signature & Emp. No. of Sr. RN										

0 - 24: Low Risk; 25 - 44: Medium Risk; 45 or above: High Risk

INTERVENTIONS *Tick as per the Risk Score*	Date	24/08	27/08							
	Time	11:10	14:15							
Low Risk Interventions (0 - 24)										
Familiarize the patient with the immediate surroundings		✓	✓							
Remind the patient to use call bell before getting out of bed		✓	✓							
Keep the two side rails in the raised position at all times for all patients regardless of age		✓	✓							
Keep the call bell, bedside table, water, glasses within the patient's easy reach		✓	✓							
Remove excess equipment or furniture to make a clear path		✓	✓							
Keep the patient's bed in the low position at all times except during procedure		✓	✓							
Teach fall-prevention techniques, such as sitting up for a moment before rising from the bed		✓	✓							
Bed wheels should be locked		✓	✓							
Encourage family participation in the patient's care		✓	✓							
Ensure that floor of the bathroom is dry and not slippery		✓	✓							
Review medications for potential side effects that can promote falls		✓	✓							
Use safety belts during movement in wheelchair		✓	✓							
The patients are not ambulated by themselves. They are to be ambulated only with assistance		✓	✓							
Medium risk interventions (25 - 44)										
Apply all the low risk interventions		✓	✓							
Tie yellow fall risk tag in the bed and Wheel chair / Stretcher		✓	✓							
Make sure that proper transfer precautions are instituted for heavy or debilitated patients in a bed or wheel chair or on a toilet seat		✓	✓							
Use restraints and bed monitors as ordered by the doctor		✓	✓							
Allow the patient to ambulate only with assistance		✓	✓							
Consider peak effects of the medications that effects level of consciousness, gait and elimination when planning patient's care		✓	✓							
Do not leave patients unattended in diagnostic or treatment areas		✓	✓							
Accompany the patient while going to bathroom		✓	✓							
Advice the patient to use grab bars near the toilet, bathtub, and shower		✓	✓							
Make sure the family and other visitors understand the restrictions mentioned above		✓	✓							
High-risk interventions (45 or above)										
Apply all the low and medium risk interventions		✓	✓							
Tie red fall risk tag in the bed, wheel chair and stretcher		✓	✓							
Locate the high-risk patients in a room close to the nurses' station		✓	✓							
Answer these patients call bells as quickly as possible		✓	✓							
Provide a commode at bedside (if appropriate)		✓	✓							
Urinal/bedpan should be within easy reach (if appropriate)		✓	✓							
Encourage family members or other visitors to stay with them		✓	✓							
If appropriate, consider using protection devices: safety belts		✓	✓							
Signature & Emp. No. of RN										
Signature & Emp. No. of Sr. RN										