

Document Title:	JOBST INTERMITTENT COMPRESSION UNIT
Department/Section: Physical Medicine & Fitness Center	
Page Number: 1 of 5	
Document Type: Standard Operating Procedure	
Effective Date: 06-30-2022	
Document Code:	DPOTMH-E-66-P01-S15

#### **PURPOSE:**

To ensure that this modality is performed accurately for the utmost benefit of the client.

#### SCOPE:

Applies to all Physical Medicine & Fitness Center Staff of Dr. Pablo O. Torre Memorial Hospital (DPOTMH)

#### **RESPONSIBLE PERSON:**

PMFC Clerk, Physical Therapist, PMFC Supervisor

#### PROCEDURE:

#### 1 For Admitted Patients:

- 1.1 Attending Physiatrist will evaluate patient and will note in the chart the PT program.
- 1.2 The Nurse on Duty (NOD) will call the PMFC clerk and inform the PT of the referral.
- 1.3 The PT in-charge will inform the NOD of the time the patient will be brought down to the PMFC via stretcher or wheelchair.
- 1.4 When the patient arrives at the Center, PT washes his/her hands.
- 1.5 PT checks the patient's vital signs.
  - 1.5.1 If the vital signs are unstable, hold the treatment temporarily.
  - 1.5.2 If the vital signs are stable, proceed with the treatment.
- 1.6 The PT will explain the procedure and purposes of the treatment to the patient.
- 1.7 PT places the patient in comfortable position with limb elevated approximately 45° and abducted 20°-70°.
- 1.8 Apply stockinet over the extremity. Be sure all wrinkles are removed.



Document Code:	DPOTMH-E-66-P01-S15	
Effective Date:	06-30-2022	
Document Type:	Standard Operating Procedure	
Page Number:	2 of 5	
Department/Section:	Physical Medicine & Fitness Center	
Document Title:	JOBST INTERMITTENT COMPRESSION UNIT	

- 1.9 Place the appliance over extremity and attach the rubber tube to both the appliance and the compression unit.
- 1.10 Set the inflation and deflation ratio to approximately 3:1. Generally, for edema reduction 45-90 seconds on/15-30 seconds off for 20 minutes.
- 1.11 Turn the power on and slowly increase the pressure to the desired level.
  - 1.11.1 The patient's blood pressure determines the setting of the device. The pressure should be below the diastolic pressure of the patient. The patient should be comfortable during the treatment.
- 1.11.2 Numbness, tingling, pulse, or pain should not be felt by the patient during the treatment.
- 1.12 At the end of the treatment, turn off the unit, remove the appliance and stockinet. Inspect the skin.
- 1.13 Usually an elastic bandage or compression stocking is placed on the extremity to retain the reduction before a dependent position is allowed.
- 1.14 After the procedure, assist the patient back to the wheelchair or bed.
- 1.15 Check the patient's vital signs.
- 1.16 PT calls the information desk or pages directly the Auxiliary.
- 1.17 PT endorses the patient and his chart to the Auxiliary.
- 1.18 PT washes his/her hands.
- 1.19 PT charges in the computer the patient's treatment session.

# 2 For Out-patients (Walk-in):

- 2.1 The patient will arrange a medical check up with the Physiatrist.
- 2.2 Physiatrist will examine the patient's condition and prescribe medications and Physical Therapy treatment program.



Document Title:	JOBST INTERMITTENT COMPRESSION UNIT	
Department/Section:	Physical Medicine & Fitness Center	
Page Number:	3 of 5	
Document Type:	Standard Operating Procedure	
Effective Date:	06-30-2022	
Document Code:	DPOTMH-E-66-P01-S15	

- 2.3 The patient will arrange with the Supervisor his/her Physical Therapy schedule. The supervisor will give the patient the time, days and the assigned Physical Therapist.
- 2.4 PT reads the patient's chart.
- 2.5 PT washes his/her hands.
- 2.6 PT checks the patient's vital signs.
  - 2.6.1 If the vital signs are unstable, hold the treatment temporarily.
  - 2.6.2 If the vital signs are stable, proceed with the treatment
- 2.7 The PT will explain the procedure and purposes of the treatment to the patient.
- 2.8 Place the patient in comfortable position with limb elevated approximately 45° and abducted 20°-70°.
- 2.9 Apply stockinet over extremity. Be sure all wrinkles are removed.
- 2.10 Place the appliance over the extremity and attach the rubber tube to both the appliance and the compression unit.
- 2.11 Set the inflation and deflation ratio to approximately 3:1. Generally, for edema reduction 45-90 seconds on/15-30 seconds off for 20 minutes.
- 2.12 Turn the power on and slowly increase the pressure to the desired level.
  - 2.12.1 The patient's blood pressure determines the setting of the device. The pressure should be below the diastolic pressure of the patient. The patient should be comfortable during the treatment.
  - 2.12.2 Numbness, tingling, pulse, or pain should not be felt by the patient during the treatment.
- 2.13 At the end of the treatment, turn off the unit, remove the appliance and stockinet. Inspect the skin.



Document Title:	JOBST INTERMITTENT COMPRESSION UNIT	
Department/Section:	: Physical Medicine & Fitness Center	
Page Number:	4 of 5	
Document Type:	Standard Operating Procedure	
Effective Date:	06-30-2022	
Document Code:	DPOTMH-E-66-P01-S15	

- 2.14 Usually an elastic bandage or compression stocking is placed on the extremity to retain the reduction before a dependent position is allowed.
- 2.15 After the procedure, assist the patient back to the wheelchair or bed.
- 2.16 Check the patient's vital signs.
- 2.17 PT calls the information desk or pages directly the Auxiliary.
- 2.18 PT washes his/her hands.
- 2.19 PT charges in the computer the patient's treatment session.



Document Title:	JOBST INTERMITTENT COMPRESSION UNIT	
Department/Section:	Physical Medicine & Fitness Center	
Page Number:	5 of 5	
Document Type:	Standard Operating Procedure	
Effective Date:	06-30-2022	
Document Code:	DPOTMH-E-66-P01-S15	

### APPROVAL:

	Name/Title	Signature	Date
D	MA. CLAUDETTE L. SOLANCHO, PTRP PM&FC Staff	Sound	7/11/22
PM MA	SUZETTE M. DOMINGO, PTRP PM&FC Staff	Sp Arnju	7-11-22
V:C 1	MA. TERESA O. ANIERDES, PTRP, MBA-HA PM&FC Supervisor	Continued	7/11/22
JOHN	JOHN ANDREW B. SANCHEZ, MD, FPARM Physiatrist	1	7/11/2
Reviewed by:	DENNIS C. ESCALONA, RN, MN, FPSQua Quality Assurance Supervisor	0	7/11/2022
Recommending	ROSARIO D. ABARING, RN, MAN, PhD Ancillary Services Division Officer	Belown k. A.	07-11-2022
Approval:	FREDERIC IVAN L. TING, MD OIC-Total Quality Division		7/18/2
Final approved by:	GENESIS GOLDI D. GOLINGAN President & CEO		9/10/22



Document Title: JOBST INTERMITTENT COMPRESSION UNIT		
Department/Section:	Physical Medicine & Fitness Center	
Page Number:	1 of 3	
Document Type:	Work Instruction	
Effective Date:	06-30-2022	
Document Code:	DPOTMH-E-66-P01-WI15	

KEY TASKS	PERSON RESPONSIBLE
For Admitted Patien	ts
1. Evaluates patient and notes in the chart the PT program.	Physiatrist
2. Calls the PMFC clerk and inform the PT of the referral.	Nurse-on-duty
3. Informs the NOD of the time the patient will be brought down to the PMFC via stretcher or wheelchair.	
4. Checks the patient's vital signs and explains the procedure and purposes of the treatment to the patient.	
5. Places the patient in comfortable position with limb elevated approximately 45° and abducted 20° 70°.	
6. Applies stockinet over the extremity. Be sure al wrinkles are removed.	1
7. Places the appliance over extremity and attach the rubber tube to both the appliance and the compression unit.	
8. Sets the inflation and deflation ratio to approximately 3:1.	
9. Turns the power on and slowly increase the pressure to the desired level.	e
10. Turns off the unit at the end of the treatment removes the appliance and stockinet. Inspect the	81



Document Code: DPOTMH-E-66-P01-WI15	
Effective Date:	06-30-2022
Document Type:	Work Instruction
Page Number:	2 of 3
Department/Section:	Physical Medicine & Fitness Center
Document Title:	JOBST INTERMITTENT COMPRESSION UNIT

skin.	
11. Assists the patient back to the wheelchair or bed and checks vital signs.	
For Out-patients (Wa	ılk-in)
12. Examines the patient's condition and prescribes medications and Physical Therapy treatment program.	Physiatrist
13. Reads the patient's chart and checks vital signs.	
14. Explains the procedure and purposes of the treatment to the patient.	
15. Places the patient in comfortable position with limb elevated approximately $45^{\circ}$ and abducted $20^{\circ}$ - $70^{\circ}$ .	
16. Applies stockinet over extremity. Be sure all wrinkles are removed.	Physical Therapist
17. Places the appliance over the extremity and attaches the rubber tube to both the appliance and the <i>compression unit</i> .	Thysical Therapist
18. Sets the inflation and deflation ratio to approximately 3:1.	
19. Turns off the unit at the end of the treatment, removes the appliance and stockinet. Inspect the skin.	
20. Assists the patient back to the wheelchair or bed and checks patient's vital signs.	•



Document Code:	DPOTMH-E-66-P01-WI15	
Effective Date:	06-30-2022	
Document Type:	Work Instruction	
Page Number:	3 of 3	
Department/Section:	Physical Medicine & Fitness Center	
Document Title:	JOBST INTERMITTENT COMPRESSION UNIT	

# APPROVAL:

	Name/Title	Signature	Date
	MA. CLAUDETTE L. SOLANCHO, PTRP PM&FC Staff	Worth	7/11/22
Prepared by:	SUZETTE M. DOMINGO, PTRP PM&FC Staff	2 m do ma	7-11-22
	MA. TERESA O. ANIERDES, PTRP, MBA-HA PM&FC Supervisor	Roothed	7/11/22
Verified: JOHN	JOHN ANDREW B. SANCHEZ, MD, FPARM Physiatrist	A	7/n/m
Reviewed by:	DENNIS C. ESCALONA, RN, MN, FPSQua Quality Assurance Supervisor	Ω	7/11/202
Recommending	ROSARIO D. ABARING, RN, MAN, PhD Ancillary Services Division Officer	Blaung k. l.	07.11.2022
Approval:	FREDERIC IVAN L. TING, MD OIC-Total Quality Division	#	7/18/2
Final approved by:	GENESIS GOLDI D. GOLINGAN President & CEO	<b>700</b>	9/10/22



DPOTMH-E-66-P02-FC15	
06-30-2022	
Flowchart	
1 of 3	
Physical Medicine & Fitness Center	
Document Title: JOBST INTERMITTENT COMPRESSION UNIT	

# **FLOWCHART** For Admitted Patients START Evaluates patient and notes in the chart the PT program Calls the PMFC clerk and inform the PT of the referral Informs the NOD of the time the patient will be brought down to the PMFC via stretcher or wheelchair Checks the patient's vital signs and explains the procedure and purposes of the treatment to the patient Places the patient in comfortable position with limb elevated approximately 45° and abducted 20º-70 Applies stockinet over the extremity. Be sure all wrinkles are removed Places the appliance over extremity and attach the rubber tube to both the appliance and the compression unit Sets the inflation and deflation ratio to approximately 3:1 Turns the power on and slowly increase the pressure to the desired level Turns off the unit at the end of the treatment, removes the appliance and stockinet. Inspect the skin. Assists the patient back to the wheelchair or bed and checks vital signs END



Document Code:	DPOTMH-E-66-P02-FC15	
Effective Date:	06-30-2022	
Document Type:	Flowchart	
Page Number:	2 of 3	
Department/Section:	Physical Medicine & Fitness Center	
Document Title:	JOBST INTERMITTENT COMPRESSION UNIT	

# **FLOWCHART** For Out-patients (Walk-in) START Examines the patient's condition and prescribes medications and Physical Therapy treatment program Reads the patient's chart and checks vital signs Explains the procedure and purposes of the treatment to the patient Places the patient in comfortable position with limb elevated approximately 45° and abducted 20º-70º Applies stockinet over extremity. Be sure all wrinkles are removed Places the appliance over the extremity and attaches the rubber tube to both the appliance and the compression unit Sets the inflation and deflation ratio to approximately 3:1 Turns off the unit at the end of the treatment, removes the appliance and stockinet. Inspect the skin Assists the patient back to the wheelchair or bed and checks patient's vital signs **END**



Document Code:	DPOTMH-E-66-P01-FC15	
Effective Date:	06-30-2022	
Document Type:	Flowchart	
Page Number:	3 of 3	
Department/Section:	Physical Medicine & Fitness Center	
Document Title: JOBST INTERMITTENT COMPRESSION UNIT		

# **APPROVAL:**

	Name/Title	Signature	Date
Prepared by:	MA. CLAUDETTE L. SOLANCHO, PTRP PM&FC Staff	Colarido	Jula
	SUZETTE M. DOMINGO, PTRP PM&FC Staff	Indony	7-11-22
Verified:	MA. TERESA O. ANIERDES, PTRP, MBA-HA PM&FC Supervisor	Comis	7/11/22
	JOHN ANDREW B. SANCHEZ, MD, FPARM Physiatrist	1	7/11/2
Reviewed by:	DENNIS C. ESCALONA, RN, MN, FPSQua Quality Assurance Supervisor	2	1/11/102
Recommending Approval:	ROSARIO D. ABARING, RN, MAN, PhD Ancillary Services Division Officer FREDERIC IVAN L. TING, MD	Relauni b. 1.	07-11-2022
Tippiovai.	OIC-Total Quality Division		7/18/2
Final approved by:	GENESIS GOLDI D. GOLINGAN President & CEO		9/10/22