 <p>B.S. Aquino Drive, Bacolod City, Negros Occidental, 6100</p> <p>DR. PABLO O. TORRE MEMORIAL HOSPITAL</p>	Document Code:	DPOTMH-NSD-OR-SOP008
	Revision Number:	0
	Effective Date:	05-10-2020
	Document Type:	STANDARD OPERATING PROCEDURE
	Page Number:	1
	Department/Section:	OPERATING ROOM
	Document Title:	OPERATING ROOM COVID 19 (Post ECQ)

PURPOSE:


To prevent the spread of infections due to COVID 19 while performing surgery.

OBJECTIVE:


To standardize operating procedures during Emerging and Re-emerging Infectious Disease Outbreak (Covid-19)

GENERAL GUIDELINES


- All patients for OR shall pass thru the ER Triage Area for Preliminary Assessment (both for Inpatient and Outpatient).
- In order to make complete and accurate assessment of patient admitted to the hospital with respiratory symptoms whether these are primary or secondary complaints, an Infectious Disease (ID)consult is a MUST at the ER so that the patient can be labeled as PUM /PUI (suspect / probable) or NOT.
- All Patients admitted in the Operating Room shall be considered PUIs/ Suspect / Probable/Covid 19 patient (PCS Memo) therefore **all staff and doctors** performing surgeries will use complete/ **Full PPE to ALL Operations** performed.
- Elective Surgeries will now be accepted depending on the PPE supplies. NO PPE NO Operation will be done. Thus elective operations will only be accepted depending on the availability of the PPEs.
- Priority will be given to Emergency Surgeries which are the ff:
 - Emergency Exploratory Laparotomies (All Services / Departments)
 - Trauma
 - Uncontrolled Bleeding (All Services / Departments)
 - All Neurosurgical Emergencies
 - Airway Obstruction/ Tracheostomy for prolonged intubation
 - Foreign Bodies (Sedation Needed)
 - Source control for infections, including CTT

 <p>B.S. Aquino Drive, Bacolod City, Negros Occidental, 6100</p> <p>DR. PABLO O. TORRE MEMORIAL HOSPITAL</p>	Document Code:	DPOTMH-NSD-OR-SOP008
	Revision Number:	0
	Effective Date:	05-10-2020
	Document Type:	STANDARD OPERATING PROCEDURE
	Page Number:	2
	Department/Section:	OPERATING ROOM
	Document Title:	OPERATING ROOM COVID 19 (Post ECQ)

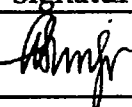




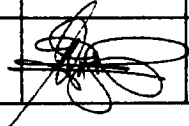
- Access for Emergency Dialysis
- Emergency pacemakers
- Pericardial Drainage
- Spinal Cord Injury Surgery
- All Other cases not on the list that needs emergency attention to contact / communicate with the Chairman of the Department of Surgery or the Operating Room Manager.
- Scheduling will be on a “first come first serve basis”. The first case schedule will be taken and the rest of the schedule for the day is to follow (TF). Schedules are also dependent on the availability of the OR rooms
- If an identified COVID + patient is for operation, it will be scheduled last (after all scheduled procedures in the OR has been done) unless otherwise an emergency case. If there is a COVID 19 + patient for emergency surgery, the next scheduled operation will be deferred to a later schedule to provide time for terminal cleaning misting and UV treatment (average time of 4 hours)
- Adult Patients needing Pre-operative assessment (Ex. CP Clearance) shall be referred to an IM doctor and will be referred accordingly to an Infectious Disease (ID) doctor if needed. Adult patients not needing IM consult shall be referred to an Infectious Disease doctor by the surgeon prior to surgery.
- Pediatric Patients needing evaluation shall be referred to a Pediatrician and will be referred accordingly to an Infectious Disease (ID) doctor if needed. Pediatric patients not needing Pediatric consult shall be referred to an Infectious Disease (ID) doctor by the surgeon prior to surgery.
- **No Visitors Directives**
 - All Patients are allowed with one (1) watcher only and will stay in the watchers designated area. Watchers will also pass thru the ER triage and will undergo interview and health assessment. All patients and watchers should wear MASK.
 - Only Patients will be allowed inside the operating room. Watchers will be provided waiting area outside the OR complex.


 <p>DR. PABLO O. TORRE MEMORIAL HOSPITAL</p> <p>B.S. Aquino Drive, Bacolod City, Negros Occidental, 6100</p>	Document Code:	DPOTMH-NSD-OR-SOP008
	Revision Number:	0
	Effective Date:	05-10-2020
	Document Type:	STANDARD OPERATING PROCEDURE
	Page Number:	3
	Department/Section:	OPERATING ROOM
	Document Title:	OPERATING ROOM COVID 19 (Post ECQ)

- **For Pediatric Patients** : only 1 watcher will be allowed to visit the patient (wearing mask) at the Recovery Room
 - **For Optha Patients** : Watchers are allowed to enter the OR Complex only to assist the patient in changing her gown **only if needed**. Watchers should wear face mask.
 - **For EGD Patients** : only 1 watcher (wearing mask) is allowed to the enter the EGD and Recovery Room. Watchers will stay in the designated area.
- The GI Endoscopy Unit and the Ophthalmology unit will have separate protocols to follow.
 - The Charge Nurse is responsible in assigning task to the different members of the team on duty (example: observer, runner)

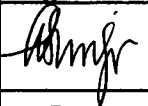




 <p>DR. PABLO O. TORRE MEMORIAL HOSPITAL</p> <p>B.S. Aquino Drive, Bacolod City, Negros Occidental, 6100</p>	Document Code:	DPOTMH-NSD-OR-SOP008
	Revision Number:	0
	Effective Date:	05-10-2020
	Document Type:	STANDARD OPERATING PROCEDURE
	Page Number:	4
	Department/Section:	OPERATING ROOM
Document Title:	OPERATING ROOM COVID 19 (Post ECQ)	


APPROVAL:

	Name/Title	Signature	Date
Prepared by:	MARIA AGNES A. SARIOGO, MN, FPCHA Operating Room Manager		05-10-2020
Reviewed:	DENNIS C. ESCALONA, MN, FPSQua Quality Assurance Supervisor		05-11-2020
Recommending Approval:	ANDREA JOANNE A. TORRE, MD, FPSGS, FPCS Chairman, Department of Surgery		5-11-2020
	MA. ANTONIA S. GENSOLI, MD, FPPS Medical Director		5-12-2020
	HENRY F. ALAVAREN, MD, FPSMID, FPSQua Total Quality Division Officer		5/12/20
Approved:	GENESIS GOLDI D. GOLINGAN President and CEO		May 14, 2020

 <p>DR. PABLO O. TORRE MEMORIAL HOSPITAL</p> <p>B.S. Aquino Drive, Bacolod City, Negros Occidental, 6100</p>	Document Code:	DPOTMH-NSD-OR-SOP008
	Revision Number:	0
	Effective Date:	05-10-2020
	Document Type:	STANDARD OPERATING PROCEDURE
	Page Number:	4
	Department/Section:	OPERATING ROOM
	Document Title:	OPERATING ROOM COVID 19 (Post ECQ)


APPROVAL:

	Name/Title	Signature	Date
Prepared by:	MARIA AGNES A. SARIOGO, MN, FPCHA Operating Room Manager		05-10-2020
Reviewed:	DENNIS C. ESCALONA, MN, FPSQua Quality Assurance Supervisor		05-11-2020
Recommending Approval:	ANDREA JOANNE A. TORRE, MD, FPSGS, FPCS Chairman, Department of Surgery		5-11-2020
	MA. ANTONIA S. GENSOLI, MD, FPPS Medical Director		5-12-2020
	HENRY F. ALAVAREN, MD, FPSMID, FPSQua Total Quality Division Officer		5/12/20
Approved:	GENESIS GOLDI D. GOLINGAN President and CEO		

 <p>DR. PABLO O. TORRE MEMORIAL HOSPITAL</p> <p>B.S. Aquino Drive, Bacolod City, Negros Occidental, 6100</p>	Document Code:	DPOTMH-NSD-OR-SOP008
	Revision Number:	0
	Effective Date:	05-10-2020
	Document Type:	STANDARD OPERATING PROCEDURE
	Page Number:	5
	Department/Section:	OPERATING ROOM
	Document Title:	OPERATING ROOM COVID 19 (Post ECQ)

RMCi Operating Room PPE Levels


Basic PPE	Level 1	Level 2	Level 3
Staff at the Nurses Station, Work Station – Ex. Head Nurse, OR Manager, OR Clerk, Stock Room (no direct patient care)	EGD – Endoscopist Runner Staff in the restricted area but is not inside the OR room	ALL staff inside the OR during the operations or with direct patient care, Recovery Room, EGD Nurse / Staff, Observer, Housekeeping (Terminal cleaning)	Surgeon, Assistant Surgeon / Resident, OR Tech /Scrub
<ul style="list-style-type: none"> • Face mask • Face Shield/ Googles • Surgical Cap • Scrub Suit 	<ul style="list-style-type: none"> • Face Mask • Face Shield / Goggles • KN95 / Face mask • Surgical Cap • Scrub Suit • Reusable Gown/ Reusable Patient Gown • Clean Gloves / Sterile Gloves (single/ double) • single booties 	<ul style="list-style-type: none"> • Face Mask • Face Shield / Goggles • KN95 / Face Mask • Surgical Cap • Scrub Suit • Reusable Coverall • Reusable Gown • Sterile Gloves (double) • Double booties 	<ul style="list-style-type: none"> • Face Mask • Face Shield / Goggles • KN95 / Face Mask • Surgical Cap • Scrub Suit • Reusable Coverall • Reusable Gown • Reusable Impermeable sterile gown • Sterile Gloves (Triple) • Double booties

 <p>B.S. Aquino Drive, Bacolod City, Negros Occidental, 6100</p> <p>DR. PABLO O. TORRE MEMORIAL HOSPITAL</p>	Document Code:	DPOTMH-NSD-OR-SOP008
	Revision Number:	0
	Effective Date:	05-10-2020
	Document Type:	STANDARD OPERATING PROCEDURE
	Page Number:	6
	Department/Section:	OPERATING ROOM
	Document Title:	OPERATING ROOM COVID 19 (Post ECQ)

PROCEDURES

A. ADMISSION


1. ER / Station Staff calls the Operating Room for endorsement of the patient for admission. (once the criteria for OR Admission is met)
2. The OR Staff will conduct assessment/interview with the **PATIENT AND DOCTORS** (History of travel and Presence of Respiratory S/S) prior to scheduling / acceptance of admission
3. The OR Staff will seek clearance from the Chairman of the Department of Surgery or the Operating Room Manager to proceed with the procedure.
4. After the procedure has been cleared to proceed, the OR staff schedules the operation. For STAT procedure patient is sent to the OR with complete endorsements from ER and re-assessment from the OR Staff.
5. Before patient is sent to the OR, the staff prepares the team and needed equipment and supplies and will start donning their PPEs.
6. Once all the staff and the doctors are PRESENT and with their complete PPEs on, the OR staff will call the station or ER to transport the patient to the OR.
7. Patient will be transported to the OR following transport protocols.
8. Donning and Doffing
 - a. There will be a designated area for Donning and Doffing.
 - b. Donning Area 1: Doctors Lounge / Designated Donning Area 1
 - c. Donning Area 2: Entrance after the sterile area swing door.
 - d. Doffing Area: Scrub Room 1 (All N95 mask will be re-used (subject to re-use protocols). After removal please place it in the plastic and label it with your names (initial and last name)
 - e. There will be a Trained OBSERVER assigned during Donning and Doffing and a checklist will be used.
 - f. Staff / Doctors are not allowed to enter the restricted area without proper Donning. Likewise Staff / Doctors should do doffing before they exit the restricted area.

 <p>B.S. Aquino Drive, Bacolod City, Negros Occidental, 6100</p> <p>DR. PABLO O. TORRE MEMORIAL HOSPITAL</p>	Document Code:	DPOTMH-NSD-OR-SOP008
	Revision Number:	0
	Effective Date:	05-10-2020
	Document Type:	STANDARD OPERATING PROCEDURE
	Page Number:	7
	Department/Section:	OPERATING ROOM
	Document Title:	OPERATING ROOM COVID 19 (Post ECQ)

9. The Procedure will be performed (Follow COVID Guidelines by Anesthesia and Surgery)
10. We will prioritize the use of OR 1 (for clean cases) and OR 3 (for dirty cases), OR 2 (clean cases) and OR 4 (dirty cases) will be RESERVED rooms and will be used once the 2 OR rooms are occupied already and there is a need for surgery.
11. Cleaning will be done after the procedure. Terminal cleaning and UV light treatments will be done in the evening when all procedures are done. In identified COVID and infectious patients terminal cleaning and UV treatments will be done after the procedure.

B. TRANSPORT

1. The stretcher used outside of the OR will only be until the inner door and the patient will be transferred to a designated stretcher only used inside the OR.
2. If the patient is COVID 19 (+) the same transport stretcher will be used until the patient is transferred in the OR table. (a transport box will be used)

 <p>B.S. Aquino Drive, Bacolod City, Negros Occidental, 6100</p> <p>DR. PABLO O. TORRE MEMORIAL HOSPITAL</p>	Document Code:	DPOTMH-NSD-OR-SOP008
	Revision Number:	0
	Effective Date:	05-10-2020
	Document Type:	STANDARD OPERATING PROCEDURE
	Page Number:	8
	Department/Section:	OPERATING ROOM
	Document Title:	OPERATING ROOM COVID 19 (Post ECQ)


Operating Room DONNING and DOFFING Guidelines

DONNING

1. Engage a trained Observer. Remove Personal items. Inspect PPE.
2. Don complete PPE before entering the OR restricted area at the designated DONNING AREA 1. (Wear slippers intended for Donning)
 - Proper Hand Hygiene with alcohol based hand rub
 - First Layer Booties or the Booties with the Taffeta Suit/ Hazmat
 - Impermeable Suit / Taffeta Suit (Silver) / Hazmat
 - N95 Mask – Check for appropriate size (Leak Test) (label – initials of first name, last name and date of first use)
 - Surgical Cap
 - Face Shield
 - First layer sterile gloves
3. Verify with trained observer. (Check tears, leaks and correct donning of PPE)
4. After entering the OR Restricted door – proceed to DONNING AREA 2
 - Don second layer of Booties (Disposable)- a chair and table will be provided with supplies
 - Then disinfect first layer of gloves with Sterillium


DOFFING (OR SCRUB ROOM 1)

1. Doffing shall be done at the OR Scrub Room 1 (DOFFING AREA)
 - a. Make sure to wipe using disinfectant bloody gloves inside the operating room
 - b. Proceed to the DOFFING AREA:
 - i. Do Proper Hand Hygiene using Alcohol based hand rub
 - ii. Remove Disposable gown together with outer gloves. Dispose in the designated trash bin
 - iii. Do Proper Hand Hygiene using Alcohol based hand rub
 - iv. Remove outer Booties and dispose in the designated trash bin
 - v. Do Proper Hand Hygiene using alcohol based hand rub
 - vi. Remove Taffeta Suit (Silver) / Hazmat. Place in designated container /bin.

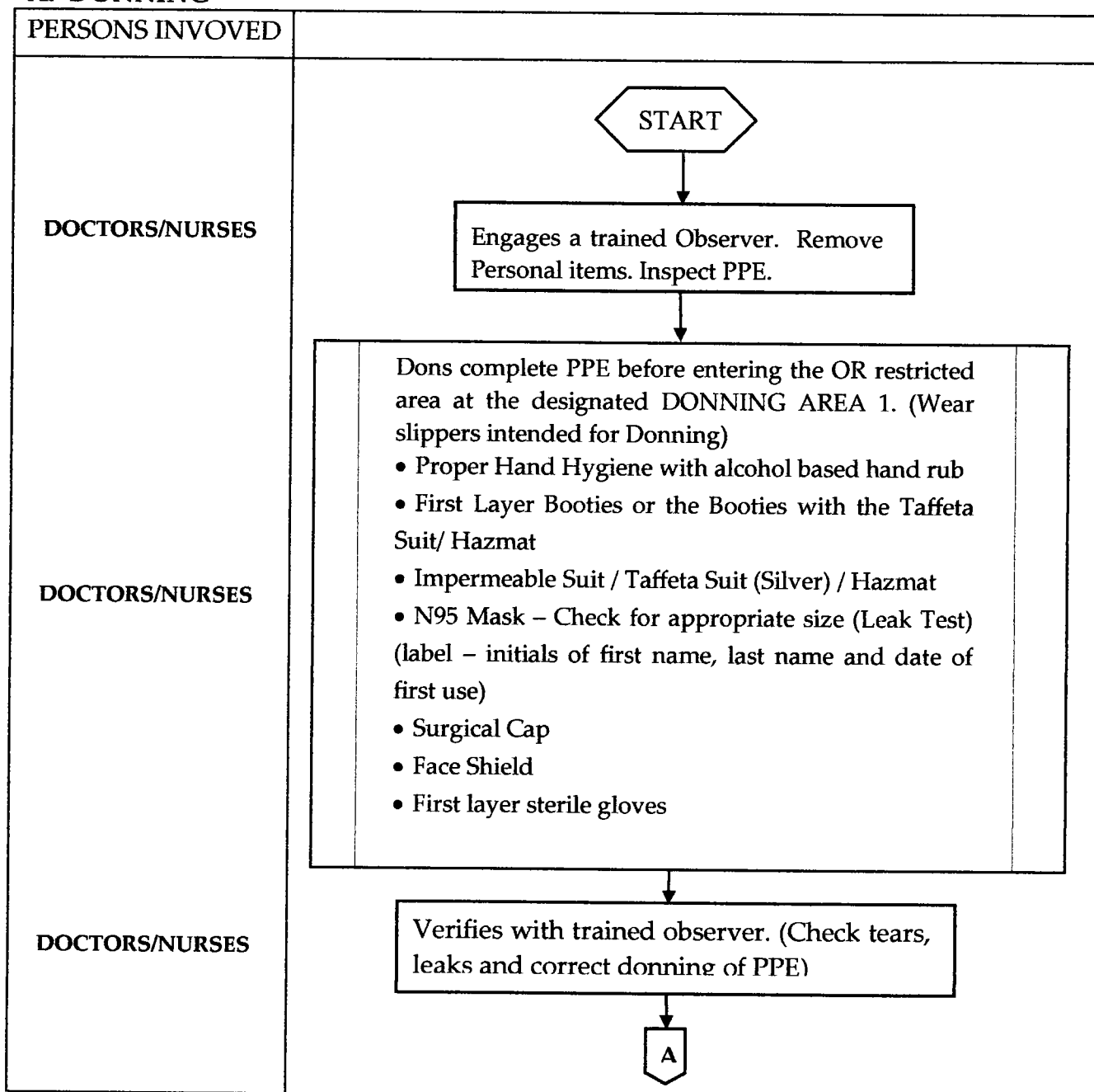
 <p>DR. PABLO O. TORRE MEMORIAL HOSPITAL</p> <p>B.S. Aquino Drive, Bacolod City, Negros Occidental, 6100</p>	Document Code:	DPOTMH-NSD-OR-SOP008
	Revision Number:	0
	Effective Date:	05-10-2020
	Document Type:	STANDARD OPERATING PROCEDURE
	Page Number:	9
	Department/Section:	OPERATING ROOM
	Document Title:	OPERATING ROOM COVID 19 (Post ECQ)


- vii. Do Proper Hand Hygiene using Alcohol based hand rub
 - viii. Remove 1st layer of booties.
 - ix. Do proper hand hygiene using alcohol based hand rub
 - x. Remove Face shield / Goggles
 - xi. Do Proper Hand Hygiene using Alcohol based hand rub
 - xii. Remove Surgical Cap
 - xiii. Do Proper Hand Hygiene using Alcohol based hand rub
 - xiv. Remove N95 mask (place it inside the plastic bag with your names – we will sterilize this for re-use)
 - xv. Do Proper Hand Hygiene using Alcohol based hand rub and remove inner gloves
 - xvi. Do Proper Hand Hygiene using Alcohol based hand rub
 - xvii. Wear Surgical / cloth face mask and cap
 - xviii. Pass thru the Foot Bath and leave slippers outside the Doffing area in exchange of a new slipper.
 - xix. Perform Hand hygiene with alcohol or at the Scrub Room 2
2. Plastic containers shall be provided for proper segregation of used disposables (Labels will be indicated)
 3. For reusable (face shield / N95 mask), a container shall be provided that will be sent after to decontamination and sterilization area.

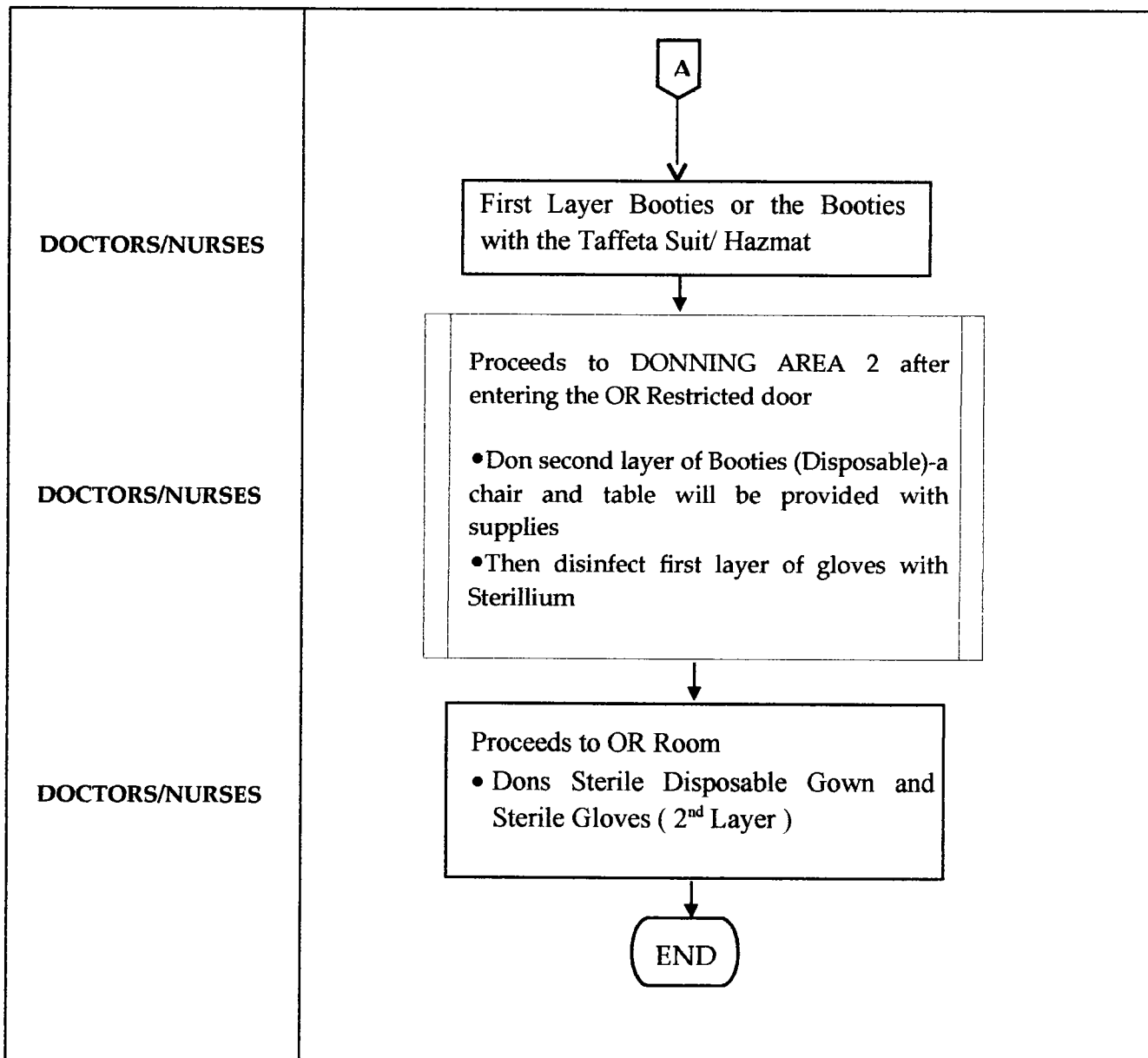
Trained Observers: Donning – Charge Nurse, Doffing - Recovery Room Nurse/ or a Trained observer.


 <p>DR. PABLO O. TORRE MEMORIAL HOSPITAL</p> <p>B.S. Aquino Drive, Bacolod City, Negros Occidental, 6100</p>	Document Code:	DPOTMH-NSD-OR-SOP008
	Revision Number:	0
	Effective Date:	05-10-2020
	Document Type:	STANDARD OPERATING PROCEDURE
	Page Number:	10
	Department/Section:	OPERATING ROOM
	Document Title:	OPERATING ROOM COVID 19 (Post ECQ)

A. DONNING

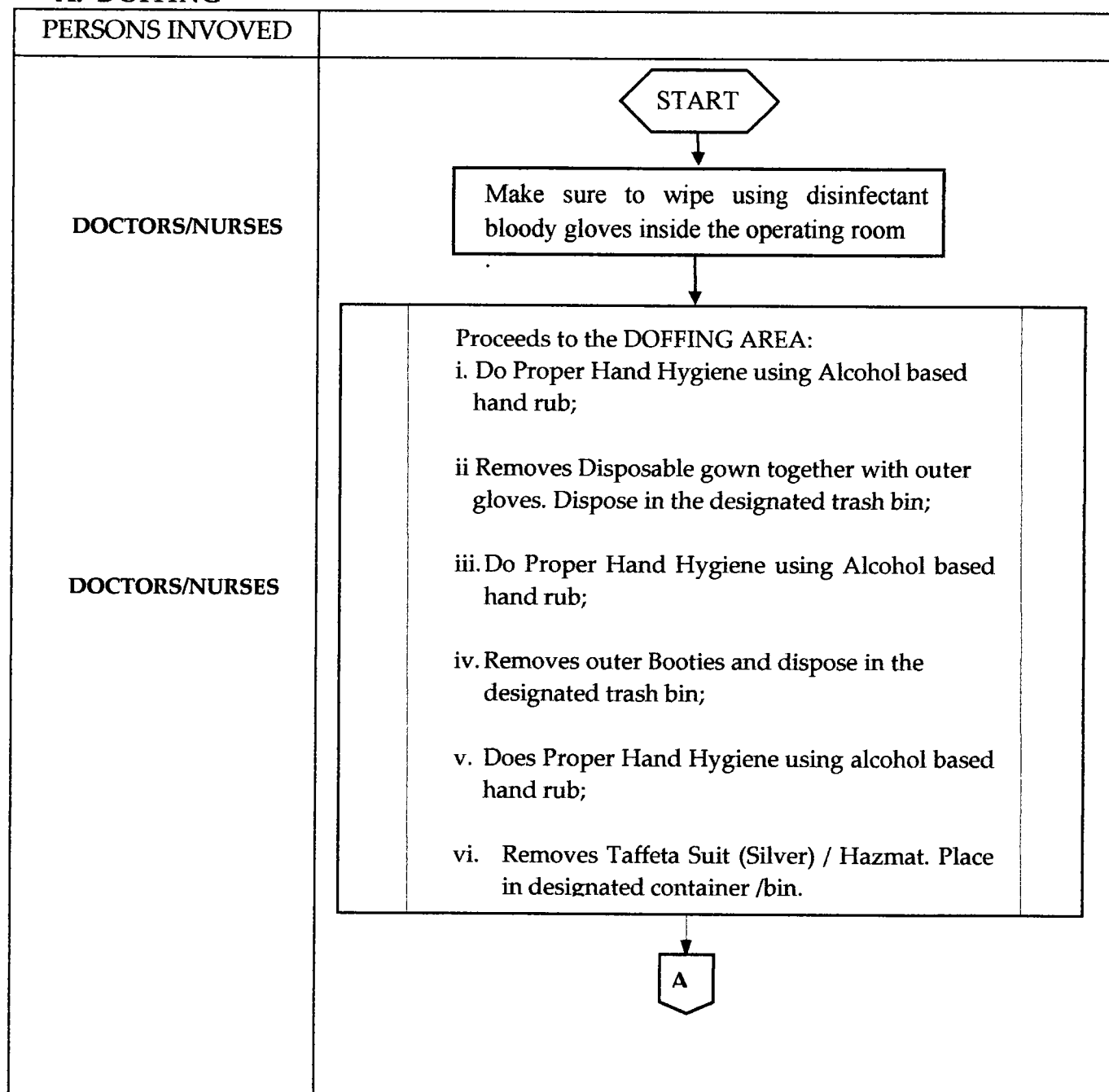



 <p>DR. PABLO O. TORRE MEMORIAL HOSPITAL</p> <p>B.S. Aquino Drive, Bacolod City, Negros Occidental, 6100</p>	Document Code:	DPOTMH-NSD-OR-SOP008
	Revision Number:	0
	Effective Date:	05-10-2020
	Document Type:	STANDARD OPERATING PROCEDURE
	Page Number:	11
	Department/Section:	OPERATING ROOM
	Document Title:	OPERATING ROOM COVID 19 (Post ECQ)



 <p>B.S. Aquino Drive, Bacolod City, Negros Occidental, 6100</p> <p>DR. PABLO O. TORRE MEMORIAL HOSPITAL</p>	Document Code:	DPOTMH-NSD-OR-SOP008
	Revision Number:	0
	Effective Date:	05-10-2020
	Document Type:	STANDARD OPERATING PROCEDURE
	Page Number:	12
	Department/Section:	OPERATING ROOM
	Document Title:	OPERATING ROOM COVID 19 (Post ECQ)

A. DOFFING



 <p>B.S. Aquino Drive, Bacolod City, Negros Occidental, 6100</p>	Document Code:	DPOTMH-NSD-OR-SOP008
	Revision Number:	0
	Effective Date:	05-10-2020
	Document Type:	STANDARD OPERATING PROCEDURE
	Page Number:	14
	Department/Section:	OPERATING ROOM
	Document Title:	OPERATING ROOM COVID 19 (Post ECQ)

REFERENCES:

Philippine College of Surgeons
Philippine Society of General Surgeons
<https://www.ncbi.nlm.nih.gov/pubmed/21831480>
https://www.cdc.gov/vhf/ebola/hcp/ppetraining/paprrrespirator_gown/donning