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|  <p>B.S. Aquino Drive, Bacolod City, Negros Occidental, 6100</p> <p>DR. PABLO O. TORRE MEMORIAL HOSPITAL</p> | Document Code: | DPOTMH-I-22-P01-S07 |
| | Effective Date: | 07-31-2022 |
| | Document Type: | Standard Operating Procedure |
| | Page Number: | 1 of 3 |
| | Department/Section: | Intensive Care Unit |
| | Document Title: | PREPARATION OF PARENTERAL NUTRITION |

PURPOSE:

To outline steps in properly administering parenteral nutrition to patients in ICU.

SCOPE:


Applies to all Adult Intensive Care Unit staffs of Dr. Pablo O. Torre Memorial Hospital

RESPONSIBLE PERSON:


Staff Nurses, Intensivists, Consultants, Nursing Students and Clinical Instructor

PROCEDURE:

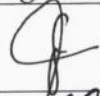
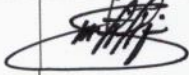





- 1 Check doctor's orders.
- 2 Inform and explain the procedure to the client for better cooperation.
- 3 Hand washing technique
- 4 Prepare equipment:
 - 4.1 Parenteral emulsion
 - 4.2 Alcohol Swab
 - 4.3 IV tubings/plum set
 - 4.4 Infusion pump
- 5 To remove the cover wrap, hold the bag upright and tear from the notch along the upper edge, then simply tear open the long side, pull off the plastic covering and discard it along with the oxygen absorber.
- 6 To mix the contents of the bag, place your fingertips on the upper compartment just on the seal.
- 7 Grip the sides of the upper chamber with your fingertips and your thumbs and gently roll your knuckles together until the seal breaks.
- 8 Alternative technique: put the bag, either with or without the cover wrap on a flat surface. Roll up the bag against the surface by using the handle until the seals are opened. Mix thoroughly by inverting the bag.
- 9 The remaining section of seal may now be gently teased apart.

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- 10 To peel open the lower seal, use the same technique as described above. Mix thoroughly by gently inverting the bag end-over-end several times.
- 11 Before injecting additives swab the additive port with disinfectant.
- 12 Support the base of the additive port. Fully insert the needle and inject the additives (with known compatibility) through the centre of the injection site. Mix thoroughly between each addition by inverting the bag several times.
- 13 Use a non-vented infusion set or close the air-inlet on a vented set. Remove the set port cover by pulling the ring upwards. Support the base of the infusion port. Twist and push the spike through the diaphragm. The spike should be fully inserted to secure it in place.

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APPROVAL:

| | Name/Title | Signature | Date |
|------------------------|---|---|----------|
| Prepared by: | CYRENE EXAMEN, RN ICU Head Nurse |  | 7/7/2022 |
| Verified by: | RICHARD S. MONTILJAO, RN OIC Policy Development |  | 7/7/2022 |
| | SHALAINE SOCORO L. DURAN, RN Nurse Manager for Operations |  | 7/8/2022 |
| | HANNAH KHAY S. TREYES, RN, MN Chief Nurse |  | 7/8/22 |
| Reviewed: | DENNIS C. ESCALONA, MN, FPSQua Quality Assurance Supervisor |  | 7/8/2022 |
| Recommending Approval: | MARIA LIZA C. PERAREN, RN, MAN Nursing Service Division Officer |  | 7/8/2022 |
| | FREDERIC IVAN L. TING, MD OIC - Total Quality Division |  | 7/8/22 |
| | MA. ANTONIA S. GENSOLI, MD, FPPS, FPCHA Vice President, Chief Medical Officer | | |
| Approved: | GENESIS GOLDI D. GOLINGAN President and CEO | | |



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| KEY TASKS | PERSON RESPONSIBLE |
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| 1. Checks doctor's orders. | Staff Nurse |
| 2. Explains the procedures to the client. | |
| 3. Performs proper hand washing and prepares needed equipment. | |
| 4. Opens parenteral bag and mixes it. | |
| 5. Swabs the additive port with disinfectant before injecting additives. | |



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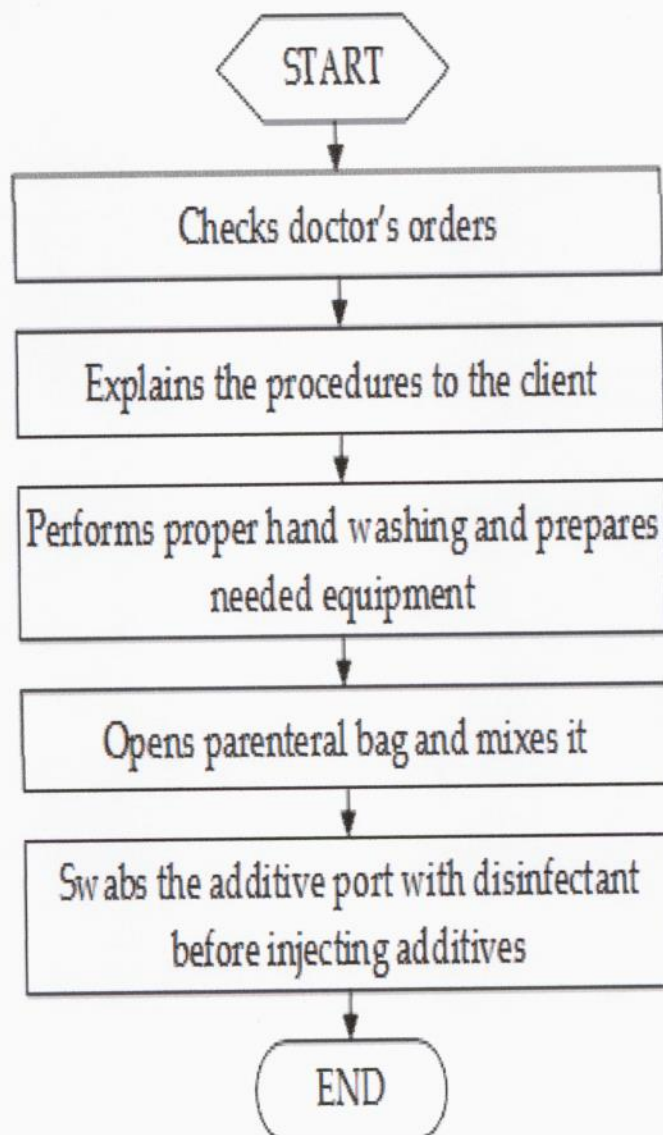



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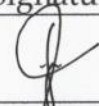
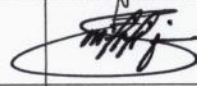
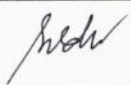


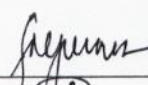

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FLOWCHART



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