



PUNJAB HEALTH SYSTEMS CORPORATION

Please visit: www.punjabhealth.co.in

State Institute of Health and Family Welfare, Adjoining Civil Hospital Mohali,

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No. PHSC/BB/11/ 124-144

Dated: 5.1.12

To

All Blood Transfusion Officers,

Subject: Guidelines for Blood Banks in PHSC hospitals.

In continuation to this office order no. PHSC/10/2255-2305 dated: 21.7.2010, following are the guidelines for Blood Banks in PHSC hospitals:

1. The renewal of licence of the blood bank should be applied for in time by the BTO through the SMO, I/c of the hospitals and a copy of the application should be sent to the PHSC Head Quarter for information.
2. A copy of the inspection report (done by Drug Inspector) should be sent to PHSC HQ for information.
3. The procurement of the equipment for blood banks should be as per the following norms.

| S. N | Equipment | Level of purchase | Remarks |
|------|-----------------------------------|----------------------|--|
| 1 | BB Refrigerators (untested blood) | PHSC Head Quarter | Demand has to be sent to PHSC Head Quarter |
| 2 | BB Refrigerators (Tested blood) | PHSC Head Quarter | |
| 3 | ELISA Reader with Printer | PHSC Head Quarter | |
| 4 | ELISA Washer | PHSC Head Quarter | |
| 5 | Di-electric tube sealer | PHSC Head Quarter | |
| 6 | Blood agitator | PHSC Head Quarter | |
| 7 | Table top centrifuge | Local Level (BB/SMO) | |
| 8 | Electronic thermometer | Local Level (BB/SMO) | |
| 9 | Dry Incubator | Local Level (BB/SMO) | |
| 10 | Digital analytical balance | Local Level (BB/SMO) | |
| 11 | Autoclave | PHSC Head Quarter | Demand has to be sent to PHSC Head Quarter |
| 12 | Distilled water Still | Local Level (BB/SMO) | |
| 13 | Donor Couches | Local Level (BB/SMO) | |
| 14 | Hb Meter | Local Level (BB/SMO) | |
| 15 | Balance for bag weighing | Local Level (BB/SMO) | |
| 16 | Recovery bed for donors | Local Level (BB/SMO) | |

| | | | |
|----|---|----------------------|--|
| 17 | Incinerator | Local Level (BB/SMO) | |
| 18 | Tube Stripper | Local Level (BB/SMO) | |
| 19 | Binocular Microscope | PHSC Head Quarter | Demand has to be sent to PHSC Head Quarter |
| 20 | Laminar Air flow bench | PHSC Head Quarter | |
| 21 | Plasma Expresser | PHSC Head Quarter | |
| 22 | Platelet agitator with incubator | PHSC Head Quarter | |
| 23 | Deep Freezer (-40) | PHSC Head Quarter | |
| 24 | Deep freezer (-80) | PHSC Head Quarter | |
| 25 | Refrigerated Centrifuge Machine | PHSC Head Quarter | |
| 26 | pH Meter | PHSC Head Quarter | |
| 27 | Serological graduated pipettes of various sizes | Local Level (BB/SMO) | |
| 28 | Pasteur pipettes | Local Level (BB/SMO) | |

4. The following are the norms of staff for Blood Banks:-

| Monthly Blood Collection | Blood Component Separator | MLTs | Staff Nurse |
|--------------------------|---------------------------|----------|-------------|
| >500 | Available | 6 (5+1)* | 2 |
| 300-500 | Available | 5 (4+1)* | 1 |
| 150-300 | Available | 4 (3+1)* | 1 |
| <300 | Not Available | 3 (2+1)* | 1 |

(*out of the total Medical Laboratory Technicians for blood bank, one MLT is from NACO).

In case of requirement of Medical Laboratory Technicians as per the revised norms, a proposal may be sent to PHSC Head Quarter for outsourcing under user charges.

Rohitvir Singh
Managing Director
PHSC, Mohali

No. PHSC/BB/11/145-212
C.C to:-

Dated: 5.1.12

A copy is forwarded by

1. Secretary to PSHFW for kind information of Worthy PSHFW, Govt., of Punjab
2. General Manager (F&A), PHSC, Mohali for information.
3. Dr. N.M Sharma, Assistant Project Director (PSACS), Punjab Chandigarh
4. Dr. Sukhwinder Singh, Joint Director (Blood Safety & Quality Assurance), PSACS, Pb, Chandigarh.
5. All Assistant Directors PHSC, Mohali for information
6. All Civil Surgeons in the state of Punjab
7. All Deputy Medical Commissioners in the State of Punjab.

Rohitvir Singh
Managing Director
PHSC, Mohali

EQUIPMENT FOR BLOOD BANKS IN PHSC HOSPITALS

| S.N | Name of the Equipment | Norm | Existing | Model | Make/Year | Working (Y/N) | Requirement | Remarks |
|-----|---|--------|----------|-------|-----------|---------------|-------------|---------|
| 1 | BB Refrigerator (untested blood units) | 1 | | | | | | |
| 2 | BB Refrigerator (tested blood units) | 1 | | | | | | |
| 3 | Reagent Refrigerator (for storing kits & reagents etc.) | 1 | | | | | | |
| 4 | ELISA Reader with printer | 1 | | | | | | |
| 5 | ELISA Washer | 1 | | | | | | |
| 6 | Di-electric tube sealer | 1+1 | | | | | | |
| 7 | Blood agitator | 1 | | | | | | |
| 8 | Table top centrifuge | 1 | | | | | | |
| 9 | Electronic thermometer | 1 | | | | | | |
| 10 | Serological water bath | 1 | | | | | | |
| 11 | Oxygen cylinder with mask, gauge and pressure regulator | 1 | | | | | | |
| 12 | Needle destroyer | 1 | | | | | | |
| 13 | Dry incubator | 1 | | | | | | |
| 14 | Digital Analytical Balance | 1 | | | | | | |
| 15 | Autoclave | 1 | | | | | | |
| 16 | Distill water still | 1 | | | | | | |
| 17 | A.C | 4+1+1 | | | | | | |
| 18 | Generator 10KV/30 KV (Blood component) | 1 | | | | | | |
| 19 | Donor couches /bed /with side table | 2 | | | | | | |
| 20 | Donor weighing balance | 1 | | | | | | |
| 21 | Hemoglobin meter /colorimeter | 1 | | | | | | |
| 22 | Sphygmomanometer | 1 | | | | | | |
| 23 | Stethoscope | 1 | | | | | | |
| 24 | Balance for bag weighing | 1 | | | | | | |
| 25 | Recovery bed for donors | 2 | | | | | | |
| 26 | Incinerator | 1 | | | | | | |
| 27 | Tube stripper | 1 | | | | | | |
| 28 | Binocular microscope | 1 | | | | | | |
| 29 | Laminar air flow bench (for components) | 1 | | | | | | |
| 30 | Plasma expresser (for components) | 2 | | | | | | |
| 31 | Platelet agitator with incubator (for components) | 1 | | | | | | |
| 32 | Deep freezer (minus 40) (for components) | 1 | | | | | | |
| 33 | Deep freezer (minus 80) (for components) | 1 | | | | | | |
| 34 | Refrigerator water bath for plasma thawing (for components) | 1 | | | | | | |
| 35 | Refrigerated Centrifuge machine (for components) | 1 | | | | | | |
| 36 | pH meter (for components) | 1 | | | | | | |
| 37 | Serological graduated pipettes of various sizes | 3 to 4 | | | | | | |
| 38 | Pasture pipette | 1 | | | | | | |