



SOP for Bone Harvesting in Operating Theatre

Before harvesting the patient history will be collected and any symptoms for COVID-19 is checked. Any symptomatic or suspected donors are excluded.

1. Femoral head or TKR slices to be washed with pulse lavage / soaked in saline for 15 minutes.
2. Soaked in Gentamicin 160 mg in saline for 15 minutes.
3. Graft alone to be stored in the inner container of the 2 container pack.
4. Inner sterile container to be packed in the outer sterile container.
5. The outer sterile container to be double packed and sealed in the same manner as provided by the tissue bank.
6. Patient label to be affixed outside
7. Cultures:
Swab from the TISSUE before packing to be taken and sent.
Collected sample along with the **completed donor consent form** and lab number for C/S request to be sent to the Tissue bank at the earliest.
All donated tissues to be accompanied with documentary evidence of HIV, HbsAg and HCV negativity.
COVID test if performed, results as positive or negative to be mentioned.

In the event of graft procurement taking place at odd hours: The packed and sterile graft to be placed in refrigerator in the freezer compartment and handed over the next morning.

An authorized person will collect the graft once intimated.

- ** Surgeon who arranges to donate the tissue or his team members will be contacted to verify the address and travel history of the donors.
- ** Before issuing the grafts the surgeon will be contacted to know the status of the donor.

Procedure to obtain bone allograft from the Ramaiah Tissue Bank

Issuing of the grafts will not be affected during the Pandemic since due precautions with regard to its harvest, processing and storage are being followed.

1. Completed recipient consent form to be submitted the previous evening or the same morning.
2. Patient IP number to be mentioned clearly.
3. Pack opened and the graft washed thoroughly with saline till no fat is washed out.
4. The allograft is to be soaked for 15 minutes in Gentamicin and prepared as per required shape.
5. The graft or any part of it cannot be received back or exchanged.

** To minimize the contact, we would recommend online payment before issuing the graft.



SOP for Processing in Tissue Bank

1. The Grafts are collected only after checking the donor form which verifies the COVID-19 negativity along with HIV, HbsAg and HCV negative. (The surgeons who donate the tissue or any member of his team will be contacted to verify the address and travel history or the donors).
2. The graft collected shall undergo primary processing in the Tissue Bank under sterile condition. It will be tested with a swab collected and sent for microbial testing.
3. The primary processed grafts are labelled and kept for a Quarantine period of 28 days at the bare minimum in the deep freezer at -80 deg C. A separate enclosure is made to preserve these grafts.
4. After the quarantine period, the grafts are processed secondarily and packed in a sterile way, using vacuum packing techniques.
5. This graft is labelled and stored at ultra-low temperature as before, till it is issued to a suitable recipient.
6. Before issuing the graft, Surgeon who procured the graft will be contacted for the second time to know the Covid status of the donor and any symptoms of Covid 19 infection, and will be dealt with in accordance with the guidelines of the Tissue Bank, which will be followed and modified from time to time.
7. Once the donated tissue has negative test result, the graft will be issued for the recipient.