



Allograft Processing

RegenMed is a designated tissue bank located in Thunder Bay, Ontario that recovers and processes bone and soft tissue from carefully screened and consented deceased donors.

During processing, the recovered tissue undergoes a rigorous cleaning protocol which consists of numerous soaks, mechanical agitation and disinfection steps to remove blood, lipids and contaminants from the bone. This is followed by thorough rinsing to remove residual solutions and then the tissue graft is packaged for aseptic presentation. The allograft is subsequently exposed to a controlled radiation dose of approximately 25 kGy administered at ultra low temperatures.

RegenMed has validated a minimum gamma irradiation dose of 20 kGy to effectively sterilize allografts to a sterility assurance level (SAL) of 10^{-6} . All tissue grafts labeled “**STERILE**” have received at least 20 kGy of irradiation.

For more information, please contact RegenMed at:

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