**Purpose**

To document how the Harborview Medical Center Transfusion Service complies with regulatory agency requirements for tracking, storage, releasing, and discarding of Autologous Bone for Re-implantation.

**Policy Statements**

* **HMC Transfusion Services maintains a standardized process for receiving, maintaining, and releasing Autologous Bone for re-implantation which provides the following:**
* Traceability of all Autologous Bone from procurement to final disposition.
* Monitored storage at required temperatures.
* Compliance with American Association of Tissue Banks (AATB) standards.
* **HMC Transfusion Services maintains a database of all Autologous Bone received.**
* **HMC Transfusion Services discards Autologous Bone under the following circumstances** after notification and receipt of signed approval from TS Medical Director and Attending Physician:
* Tissue exceeds the 24 month storage limit for cranial bone flaps.
* Tissue other than cranial bone flaps exceeds 12 month storage limit
* Tissue donor expires
* Tissue is out of monitored storage for longer than 20 minutes with no intent for re-implantation at that time.
* Damage or loss of integrity of a tissue package.
* Temperature failure of the storage device such that the tissue is out of temperature.
* Tissue with clinically indicated cultures having positive aerobic or anaerobic results will be discarded after a signed acknowledgement of receipt of notification for Discard is received from TSL Medical Director and/or Neurosurgery/Orthopedic attending physician.
* **HMC Transfusion Services limits autologous tissue accepted under this policy to bone. Other tissue and/or organs are not accepted for storage or re-implantation.** See autograft skin policy for storage requirements.
* **HMC Transfusion Services limits receipt to bone processed by HMC or University of Washington**
* **HMC Operating Room maintains tissue and non-autologous bone storage in a separate ultralow freezer.**

**Supporting Documents**

* Autologous Bone Process
* Autologous Bone Maintenance
* Release of Non-conforming Autologous Bone
* Releasing Autologous Bone for Transport to an Outside Facility
* Discarding Autologous Bone

**References:** Standards for Tissue Banking, Current edition, American Association for Tissue Banks. AATB, Bethesda, MD.