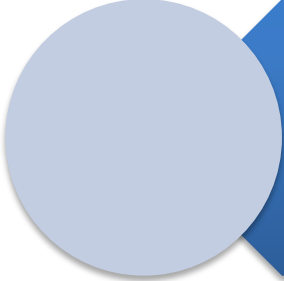


TISSUE RECOVERY PROCESS



A walk through of a general recovery from start to finish.



Our role in the process

Clock's-a-tickin'!



A DONATE LIFE SYMPOSIUM PRESENTED BY LIFESOURCE

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donation

Coordination and Collaboration!

- 3-way screening with Tissue Processor and CS. Pulls us into our case.
- LifeSource Tissue Recovery Coordinator (TRC) will call the hospital to schedule the OR and gives a timeframe for arrival. Call for a flight if needed. Speak with ME/C if necessary.
- Call in a team for the case (generally 2-4 on a case).
- Pack and prepare. DSA: MN, ND, SD, and western WI.
- Team arrives to hospital, preferably through ER entrance.
- Hospital staff assists Team to the OR, changing rooms, morgue, etc.
- Security generally assists in retrieving body in/out of morgue.
- Donor must have proper identification ON body in order for us to move forward. At least 2 team members must verify the ID on donor against our consent prior to recovery.

Review Medical Records

- Preferably faxed in.
 - CS can review prior to screening.
 - Verify against Med/Soc Hx
 - Calculating plasma dilution. Qualifying blood samples.
 - TRC can review prior to leaving the office.
- If not, obtain on-site.
 - Must review prior to commencement of tissue recovery.

MRs must be included in our charts for our tissue processors in order for tissue processing to occur

Physical Assessment

- Evidence of high-risk behavior
- Signs of HIV infection or hepatitis infection
- Other viral or bacterial infections
- Trauma to potential recovery sites

Tissue Types Recovered

Gift	Benefit
Bone	Orthopedic, spinal & reconstructive following cancer or trauma
Connective tissue	Joint reconstruction; bladder & uterine slings
Heart valves	Children, active adults & child-bearing age women – no Coumadin required; better function.
Saphenous veins	Fem-pop bypass (male donors)
Femoral arteries	Bypass, dialysis shunts (male donors)
Skin (surgical skin, dermal)	Burn victims, severe hernia repair, reconstruction following mastectomy
Aortoiliac graft	Mycotic aneurysms, extra bypass, synthetic graft infections and aorto-enteric fistulas in an infected field.
Infant livers	Urea Cycle Defect (can't clear the ammonia out of their system which cause brain damage)

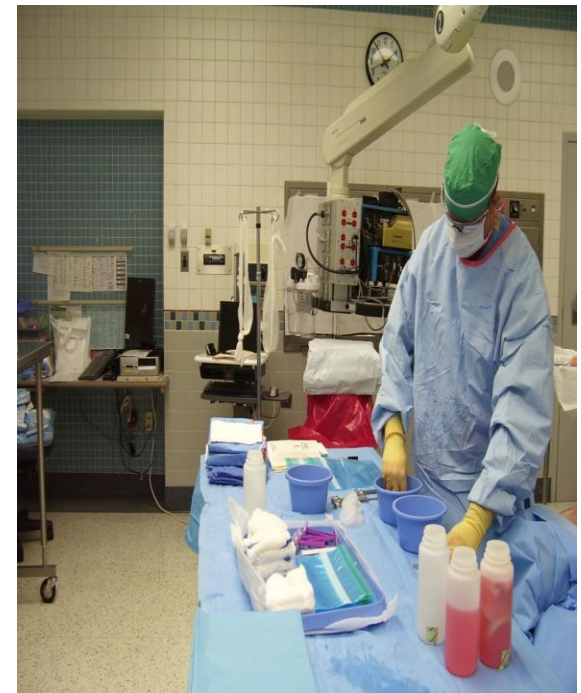
Musculoskeletal Recovery

- Incision must be made by 24 hour mark from TOD or LSA
- 3 person team
- Trained to recover
More than 15 types of
bone and
connective tissues
- Recovery time
approximately
1.5 to 2 hrs with prep



Skin Recovery

- 24 hours from the TOD to commence
- 1 person for surgical skin recovery. 2 person team for dermal skin recovery

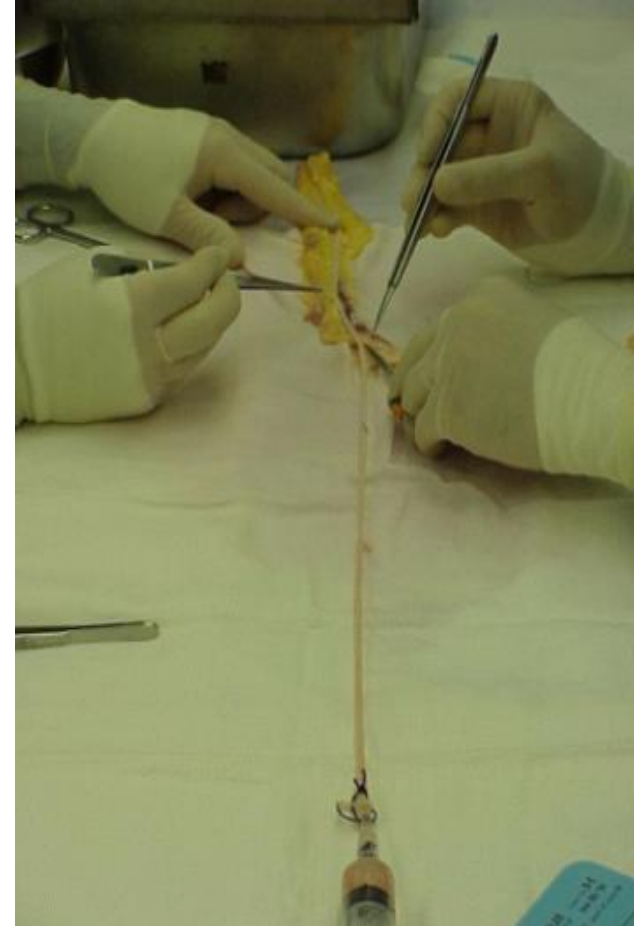


BY LIFESOURCE

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Vascular Donation

- 15 hours total WIT
- 1 person per vein/
artery
- Vascular tissue needs to be
on ice by 24 hour mark.
- AI is recovered last after all other
tissue has been recovered.



Cardiac Donation

- Total of 15 Hours WIT
- Heart needs to be on ice by 24 hour mark
- 1 person recovery
- Recovery time: approximately 1 hr with prep



Surgical Procedure

- Out of the respect for the donor, we request limited to no entries into the surgical suite.
- A tissue recovery, like any orthopedic surgery, is invasive. If you are interested in observing the recovery, please talk with the LifeSource Tissue Recovery Coordinator/Lead. It is requested that if you do observe, that you stay for the entire procedure including the reconstruction of the body. The recovery takes approximately 3-4 hours.
- The grafts are recovered with strict aseptic technique. The safety of these grafts for the recipients is imperative.

Donor Reconstruction

- Wooden prosthetics used for lower and upper extremities
- Autopsy needles and string used to close body
- Thorough cleansing of body

Post Recovery

- Donor care and disposition is our priority. We take pride in respecting and honoring our donor.
- Funeral Packet, including a placard
- Final contact with hospital

- Completion of chart documentation. Careful packaging and shipment of the tissue.

The Gift

- More than 11,000 grafts are returned for transplantation at hospitals, surgical centers and dental offices throughout Minnesota, North Dakota and South Dakota

Tissue Services Staffing

- 4 Full-time Tissue Recovery Coordinators (TRC)
- 12 Part-time Tissue Recovery Specialists (TRS)
- 2 Part-time Tissue Recovery Specialist – Leads

Thank you!

Questions?