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## Center for Musculoskeletal Research

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## Histology and Histomorphometry Core

Email: endocrinehistocore@partners.org

### **Embedding and sectioning of fresh, non-decalcified frozen sections of mineralized tissue** (preparation for cutting with tape system)

1. Dissect bone in 4°C 1XPBS to avoid drying.
2. For local customers, store sample in 1X PBS at 4°C for same day embedding. You need to contact Histocore before sending sample so we can coordinate embedding.
3. For shipping, remove excessive moisture from sample. Snap freeze in liquid nitrogen or in hexane on dry ice, store at -80°C and ship on dry ice.

**Do not embed undecalcified bone in OCT.**