

Preparing tissue for paintfilling

1. Fix heads in Bodian fix at 4° overnight (note: use glass vials because methyl salicylate dissolves plastic)
2. Rinse in 100% ethanol for 10 minutes at room temperature
3. Dehydrate in 100% ethanol overnight at room temperature
4. Clear in methyl salicylate overnight at room temperature
5. If desired, change to fresh methyl salicylate and incubate overnight at room temperature again to attain increased tissue clarity

Bodian fix:

5ml glacial acetic acid
5ml formaldehyde (from the 37% stock)
75ml 100% ethanol
15ml water