**Manual Tissue Preparation for Paraffin Wax Sectioning**

1. Load fixed tissue into appropriate size cassettes
2. Place cassettes in slow running water for 10-20 min depending on size
3. Pour off water and cover cassettes with 70% EtOH – 45 min
4. Pour off 70 % EtOH and cover cassettes with 90% EtOH – 45 min
5. Pour off 90% EtOH and cover cassettes with 100% EtOH – 45 min
6. Pour off 100% EtOH and cover cassettes with 100% EtOH – 45 min
7. Pour off 100% EtOH and cover with xylene - 45 Min
8. Pour off xylene (into waste xylene container) and cover with xylene – 45 min
9. Pour off xylene (into waste xylene container) and cover with wax at 60 degrees – 45 min
10. Pour off wax and cover with wax at 60 degrees and place into a vacuum at 60 psi – 45 min
11. Mount in embedding station