How to Make the Pathology Glass Slides in Hospital of Umich
(2006-11-22)

Statement:
This report was summarized to develop the Pathology Sample Management System (-PSMS) for Hospital of Umich, which was proposed by Prof. Albert Shih in 2006.

Flow Chart:

Procedure
1. Tissue Processing ✓ Immerse the tissue specimen into the sealed vessel full of alcohol to dehydrate.
2. Paraffinizing ✓ Print the relative messages on the edge of the plastic cassette
✓ Put the dehydrated specimen on the iron vessel, fill the paraffin.
✓ When the paraffin becomes cold, cover the plastic cassette on it, then overturn to take out the paraffinized block of tissue specimen.

3. Cutting
✓ Cut the paraffinized block of tissue specimen continuously.
✓ Put the slides into the vessel, then fix them on the glass slides
✓ Print the label according to the messages of the slides
✓ Storage the paraffinized blocks into the bag or box

4. Staining
✓ Immerse the glass slides into a long reagent channel with many grids to stain the glass slides
5. Labeling

✓ Automated fix the pre-printed label on the glass slides.

6. Storing

✓ Keep the paraffinized blocks into the different drawers of the filing system with the digital messages.

✓ Keep the glass slides into the folder named Fisher System with index message bill.

Appendix: