

**University Hospital/UT Health
Histotechnology Training Program
Notebook Contents**

1. Glossary of medical terms continuously expanding as the trainee progresses through the Program.
2. All study guides and laboratory assignments.
3. Sections on the major topics to include definitions, components, advantages and disadvantages of the following:
 - A. Fixation
 - B. Dehydration
 - C. Clearing
 - D. Embedding and Infiltration Methods and Media
 - E. Mounting Media
 - F. Staining (as covered in lectures, etc.)
 1. Routine Staining
Listing - nuclear stains and cytoplasmic stains
 2. Special Stains Listing:
 - a. Preferred fixative
 - b. Mode of action
 - c. Purpose of reagent and dyes
 - d. Quality control including control material
 - e. Color results
 - f. Sources of error and troubleshooting
 - g. Rationale for use