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| **Leica Stainer/Coverslipper** |
| **Purpose** | To provide working guidelines for the operation of the Leica automated stainer/coverslipper. |
| **Policy Statements** | This procedure applies to Histology Technical staff maintaining stainer/coverslipper |
| **Materials** | **Reagents** | **Supplies** |
|  | Graded alcohols HematoxylinEosin BluingClarifierXyleneDistilled water | * Staining racks
* Coverslipping racks
* Leica automated stainer/ coverslipper
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| Records/Forms | Stainer Maintenance Log |
| **Quality Control** | Controls are made using tonsil and checked dailySee user guide when modifying or creating a program or trouble shooting.Temperature monitoring of oven and daily preventative maintenance is recorded in Histology.Yearly preventative maintenance and/or additional service or repairs are performed and documented by BioMed and North Central Instruments. |
| **Procedure** |  |
|  | **Step** | **Action** |
|  | 1 | Turn stainer on 10 minutes before use to allow oven to come to 65°C. |
|  | 2 | Remove covers from reagents. |
|  | 3 | Pull out loading drawer and place rack with slides into the drawer and close.  |
|  | 4 | Choose appropriate program (see current program descriptions on the stainer) and push load button to start the staining process. Once load button is pushed, you may change the program setting for future runs. |
|  | 5 | When program is finished, the stainer will beep. Slides will proceed automatically to the coverslipper.  |
|  | 6 | Remove rack when finished. |
|  | 7 | Stainer is rotated/ changed on a maintenance schedule and documented on the Stainer Maintenance Log. |
| **References** | Leica Automated Coverslipper User GuideLeica Automated Slide Stainer User GuideHistotechnology A Self-Instructional Text, F.Carson 1990  |

**Historical Record**

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| Version | Revised by | Effective Date | Summary of Revisions |
| 1 |  |  | Initial version. |
| 2 | A. Dubbelde | 6/27/19 | Update format, add version. |
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