**Supplementary Material: Detailed embedding protocols**

**UK Department of Pathology and Laboratory Medicine (UK-DP)**

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| Steps | Solution | Amount of Time |
| 1 | 75 Alcohol | 1 hour |
| 2 | 90 Alcohol | 1 hour |
| 3 | 95 Alcohol | 1 hour |
| 4 | 100 Alcohol | 1 hour |
| 5 | 100 Alcohol | 1 hour |
| 6 | 100 Alcohol | 1 hour |
| 7 | Xylene | 1 hour |
| 8 | Xylene | 1 hour |
| 9 | Xylene | 2 hours |
| 10 | Infiltrating Paraffin Wax Station | 2 hours |
| 11 | Infiltrating Paraffin Wax Station | 2 hours |
| 12 | Infiltrating Paraffin Wax Station | 2 hours |

-Thermo Shandon Excelsior ES Processor

**UK Sanders Brown Center on Aging / AD Center (UK-ADC)**

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| --- | --- | --- |
| Steps | Solution | Amount of Time |
| 1 | Alcoholic Formalin 50/50 | 2 hours |
| 2 | 80 Alcohol | 1 hour 30 min |
| 3 | 95 Alcohol | 1 hour 30 min |
| 4 | 100 Alcohol | 1 hour 20 min |
| 5 | 100 Alcohol | 1 hour 20 min |
| 6 | Xylol 50/50 | 1 hour 20 min |
| 7 | Xylene | 1 hour 10 min |
| 8 | Xylene | 1 hour 10 min |
| 9 | Paraffin | 50 min |
| 10 | Paraffin | 50 min |
| 11 | Paraffin | 50 min |
| 12 | Paraffin | 50 min |

- Sakura Tissue-Tek Vacuum Infiltration Processor

-Miles Scientific Tissue-Tek Embedding Console