Section 2

Flow Chart for the collection, storage and distribution of extracted human teeth from the School of Dentistry, Birmingham.

Collection of Teeth

Teeth are collected from Oral Surgery Clinic (ground floor), Restorative clinics 1 & 3 (floor 1), Restorative clinics 2 & 4 (floor 2) and the GA facility of the Birmingham Dental in specially marked plastic pots containing either 15mM sodium azide,

10% neutral buffered formalin, sterile saline/PBS, or culture media.

Washing (Histology lab)

The pots are opened and the contents emptied into a deep-sided tray where they are washed under running tap water for about 6 hours.

Selection of Teeth The teeth are counted and selected for teaching or research projects by Gay Smith or Sue Finney, any not required are discarded according to the Hospital's "Waste Management Policy". The numbers are recorded in the 'Tooth Log' and selected teeth are stored at -20°C in appropriately labelled boxes or bags (e.g. The boxes are labelled with the initial of the tooth type and numbered of boxes used, e.g. (M2 for molars in box 2) -Disposal Teaching Research Selected teeth (molars with a Teeth are sorted into molars, Teeth containing amalgam small to moderate amount of premolars and anterior teeth are discarded into the amalgam caries and deciduous teeth) and placed in plastic boxes waste bin. All other teeth and are stored in bags or plastic labeled with the initial of the associated tissues are discarded boxes labeled with the tooth type and box number. in an anatomical bin, both bins appropriate practical class. Labeled 'Human Teeth Only' **Requests and distribution** of teeth. Teaching Research A form should be completed An application must be submitted for detailing number and type of approval from the Clinical Research Executive Group (CREG). teeth required, a brief description See Summary of Tissue Bank Management section 3 Project of their use and how they are to Submission Protocol. be disposed of. For use by researchers external to this premises, proof of ethical approval for their projects MUST be provided copied and signed.

Reference Number: 14/EM/1128 - P. Tomson / G Smith 12th Nov 2014