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| **SCRIPT** | **Visual** |
| The Newcastle Brain Tissue Resource was established over 30 years ago and has supported major advances in the understanding of dementia and neurodegenerative diseases and identifying therapeutic targets. | Chris to camera (in an Academic setting) |
| The NBTR currently receives core funding from the Medical Research council and works in co-operation with other brain banks across the United Kingdom. It is also part of the Brains for Dementia research network. | As above |
| The Resource is licensed by the Human Tissue Authority as a research tissue bank and holds approximately 1500 donations from a wide range of diseases including Alzheimer’s, Parkinson’s, MND etc | As above |
| Studies in using Human brain tissue are essential in increasing our understanding of Brain ageing and related diseases.  | As above |
| By collecting these donations and provide samples to global research we can help to provide more effective diagnosis and aid in the development of treatments. | As above |
| The donation process begins with the recruitment of volunteers who contact the brain bank via their consultant/GP or they have collected one of our leaflets through public engagement. | Donor (and family member?) with recruitment nurse. Relaxed home like environment. Looking through leaflets? |
| We presently have 760 donors registered across the North East. | As above |
| A primary consultation is arranged to collect cognitive information, life style questionnaires and clinical history. | As above |
| In the case of the patients who no longer have capacity we arrange consultation with family members and clinical staff to gather information about the individual. | As above |
| On death the Newcastle Brain Tissue resource is contacted (Time frame 24 hours ??) | Recruitment nurse answering phone? |
| On receipt of this notification we arrange the removal of the tissue in the donors nearest hospital. | end of phone sequence/ start of arrival at brain bank  |
| The Tissue is then transported to the brain bank suite for dissection. | Walking into brain bank corridor with box |
| Once in the Newcastle Brain bank suite the two brain hemispheres are separated, and the right side is placed in Formaldehyde for 4 weeks to fix and immobilise the internal structures prior to dissection into Coronal sections. | Demo brain in the hood |
| The left side is dissected into approximately 16 coronal sections that are then frozen between copper plates at -120C. This will allow the tissue to be utilised for …… (?? Necessary ??) | -120 Freezer |
| The Brains are then stored in the brain bank under unique identifiers. | Freezer room / fixed store |
| Full pathological examination is carried out on each of our donor brains, this in conjunction with the clinical history of each of our donations ensures that the researcher is provided with a well characterised tissue sample. | Possibly Johannes to camera? |
| We receive applications for tissue from around the world and once approved by our committees we prepare and dispatch these samples to the researchers.  | Possibly Johannes to camera? |
| Our commitment to provide high quality samples with comprehensive clinical and pathological information ensures that research/results obtained from these donations is ?????? | Possibly Johannes to camera? |
| Closing remarks ….. | Will this be Chris again? |