**Offer of Simultaneous Kidney and Pancreas for isolation**

**Communication between Islet Lab and Recipient Transplant Coordinator**

1. **Referral of Organs for Simultaneous Islet and Kidney for Transplant (SIK)**

The duty office at NHS BT / Specialist Nurse for Organ Donation (SNOD) will offer pancreas and kidney according to the NHS ODT National Pancreas Allocation Scheme (NPAS) to the oncall recipient transplant coordinator.

Where possible all SIK offers for Scotland recipients will have the isolations undertaken in the Scottish Islet Lab. If Scottish lab is unavailable the English labs will be asked to undertake the isolation.

1. Before accepting offer with NHSBT the transplant coordinator will check that there is an islet lab available to isolate the pancreas.
2. The transplant coordinator will confirm if the transplant is for islet transplant alone or simultaneous islet and kidney transplant.
3. The transplant coordinator will confirm contact numbers to be used to ensure timely communication between lab and transplant unit throughout procedure.
4. . The transplant coordinator will keep the lab informed of ETA and any changes to arrival times of the organs.
5. The transplant coordinator will inform the islet lab as soon as possible if any problems arise with intended recipient, since this could change intended use of pancreas.
6. The islet laboratory will inform the on call transplant coordinator as soon as an initial inspection of the pancreas has been completed. The kidney transplant can not start until the pancreas has arrived in the isolation lab and is found to be suitable for the islet lab to proceed with dissection and decontamination procedure.
7. The on call transplant coordinator will be informed as soon as possible by the isolation lab if for any reason the pancreas is found to be unsuitable for proceeding once dissection and decontamination procedure is complete.
8. If the transplant coordinator is not contacted within 20 minutes of pancreas arrival at lab they will call lab to discuss progress.
9. The islet lab must assume all cell preparations isolated for simultaneous islet and kidney are proceeding to transplant and place into culture even if they do not achieve cell count, packed tissue volume, cell viability and purity required for islet transplants alone.
10. The islet lab must report isolation results to the on-call transplant coordinator promptly post isolation in the same manner as islet alone donations.
11. **Post Kidney Transplant - islet isolation complete**

**Organisation of islet transplant**

* When isolation complete the lab must inform the transplant coordinator of the cell count,packed tissue volume, purity and viability so this can be discussed with consultant surgeon. Note: **All cell counts must be discussed.**
* The transplant coordinator will inform lab if surgeon happy for islet transplant to proceed.
* If the islet cells are declined the transplant coordinator will inform duty office of decision.
* Cells will be reallocated according the NPAS rules and the lab will be informed.
* Unused cells will be sent for research pending available consent or discarded as per local laboratory policy.

**If Islet Transplant to proceed**

* The transplant coordinator will coordinate the date and time of islet transplant as per islet alone donations.
* The transplant coordinator will inform the lab if there are any issues with the transplant recipient that will impact on islet transplant being delayed or cancelled.

**On Day of Islet Transplant**

* The lab will inform the transplant coordinator of updated cell counts.
* The lab will inform the transplant coordinator when the cells leave islet lab so that patient is available in radiology when cells arrive.

**When cells arrive at Royal Infirmary of Edinburgh**

* Please bring copy of donor blood group and infusion record with cells (the infusion record must include 3 donor identifiable features).
* The donor / recipient information must be checked by the transplanting surgeon before the transplant begins.