

Islet Isolation

| HPAP-065 | |
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| Date of Procurement/Cross Clamp Time | 07/17/2020 / 22:34 EST |
| Date/Time Tissues Biopsy And Islet Isolation | 07/18/2020 / 012:14 EST |
| Date/Time Intra Ductal Enzyme Infusion | 07/18/2020 / 13:01 EST |
| ¹ Cold Ischemia Time (CIT) | 14 hrs 27 min |
| ² DCD Donor Warm Ischemia Time | none |
| Pancreas Condition | Patchy infiltration of fat; Significant cut to body |
| Pancreas Weight Trimmed (Grams) | 129.6 |
| Total Islet Yield (IEQ) | 170,000 IEQ |
| ³ IEQ/g Of Pancreas | 1,316.4 IEQ/g |
| Islet Purity (%) And Yield (IEQ) | ⁴ Purity (65 %): 121,000 IEQ, (35 %): 49,000 IEQ |
| Islet Viability (%) | 85 % |
| GSIS (Si) | ND |
| DNA Content (Ng/IEQ) | ND |
| Endotoxin (EU/MI) | NA |
| Sterility Test | No growth at 28 days (final) |

¹ CIT = duration from Cross clamp time until Intra ductal enzyme infusion

² DCD = Donation after Cardiac Death (circulatory arrest)

³ IEG/g = Islet equivalent per gram of pancreas = Total isolated islets / Weight of pancreas

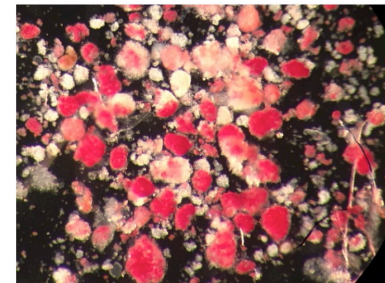
⁴ High = >70%, Middle = 50% - 69%, Low = 30% - 49%



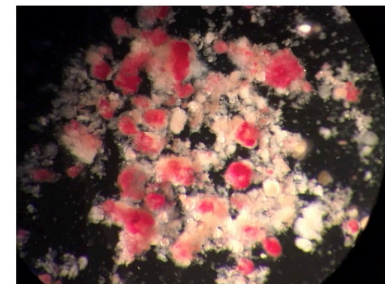
Pancreas (Pre-trimming)



Pancreas (Post-trimming)



Islets (DTZ) 65% purity (Day 0)



Islets (DTZ) 35% purity (Day 0)