

Islet Isolation

HPAP035

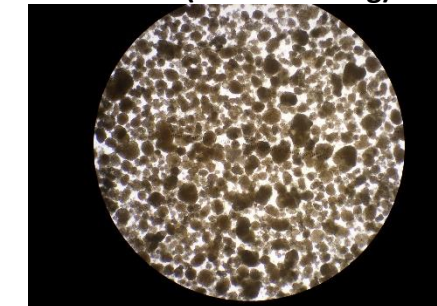
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|--|---|
| Date of Procurement/Cross Clamp Time | 1/13/2019 / 22:43 (EST) |
| Date/Time Tissues Biopsy & Islet Isolation | 1/14/2019 / 10:20 (EST) |
| Date/Time Intra Ductal Enzyme Infusion | 1/14/2018 / 11:38 (EST) |
| ¹ Cold Ischemia Time (CIT) | 12 hrs 55 mins |
| ² DCD Donor Warm Ischemia Time | CPR 30 minutes |
| Pancreas Condition | Pancreatic head damaged |
| Pancreas Weight (trimmed) | 123.01 g |
| Total Islet Yield | 303,431 IEQ |
| ³ IEQ/g of Pancreas | 2,466.9 IEQ/g |
| Islet Purity (%) & Yield (IEQ) | ⁴ Purity (90%) 234,690; (40%) 68,741 |
| Islet Viability (%) | 93 |
| GSIR (SI) | 0.7 |
| DNA Content (ng/IEQ) | 5.14 |
| Endotoxin (EU/ml) | 0.095 |
| Sterility Test | Negative (No Growth Of Bacteria Or Fungus After 14 Days) |



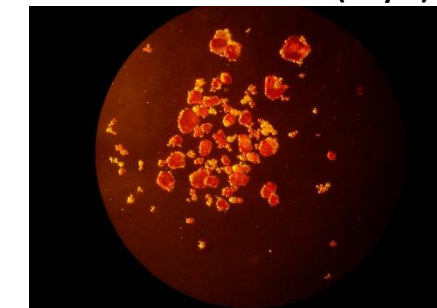
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)

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

²DCD = Donation after Cardiac Death (circulatory arrest)

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

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