

Islet Isolation

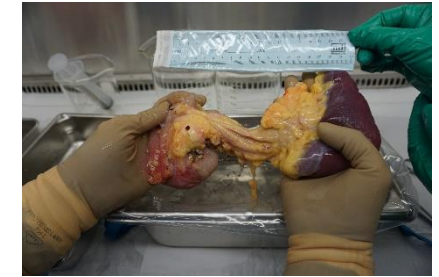
HPAP136	
Date of Procurement/Cross Clamp Time	11/15/2022, 09:35 (EST)
Date/Time Tissues Biopsy & Islet Isolation	11/15/2022, 15:43 (EST)
Date/Time Intra Ductal Enzyme Infusion	11/15/2022, 16:48 (EST)
¹ Cold Ischemia Time (CIT)	7 hrs 13 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fat patchy infiltration
Pancreas Weight (trimmed)	97.12 g
Total Islet Yield	709,647 IEQ
³ IEQ/g of Pancreas	7,306.9 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (80%): 530,791 (60%): 178,856
Islet Viability (%)	98
GSIR (SI)	1.7
DNA Content (ng/IEQ)	6.77
Endotoxin (EU/ml)	0.052
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)

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%



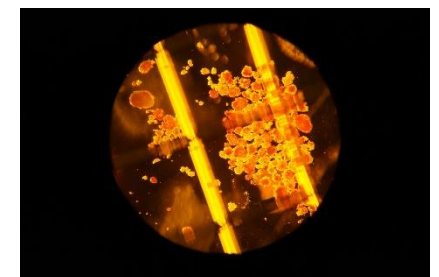
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)