

Islet Isolation

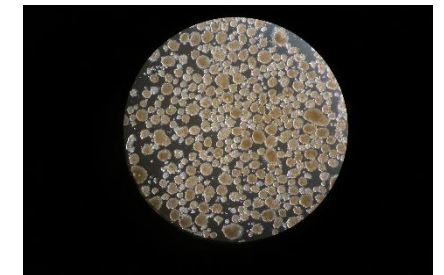
HPAP120	
Date of Procurement/Cross Clamp Time	4/8/2022, 20:47 (EST)
Date/Time Tissues Biopsy & Islet Isolation	4/9/2022, 17:15 (EST)
Date/Time Intra Ductal Enzyme Infusion	4/9/2022, 18:09 (EST)
¹ Cold Ischemia Time (CIT)	21 hrs 22 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty
Pancreas Weight (trimmed)	74.9 g
Total Islet Yield	64,040 IEQ
³ IEQ/g of Pancreas	855.0 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (80%): 41,336 (30%): 22,704
Islet Viability (%)	94
GSIR (SI)	1.19
DNA Content (ng/IEQ)	11.21
Endotoxin (EU/ml)	0.073
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



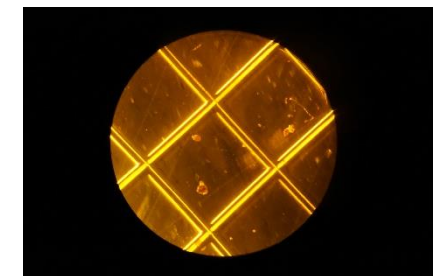
Pancreas (Pre trimming)



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%