

Islet Isolation

HPAP071

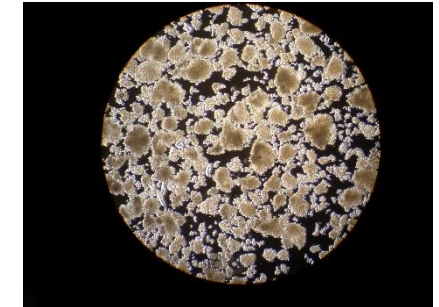
Date of Procurement/Cross Clamp Time	10/21/2020, 18:32 (EST)
Date/Time Tissues Biopsy & Islet Isolation	10/22/2020, 13:05 (EST)
Date/Time Intra Ductal Enzyme Infusion	10/22/2020, 14:14 (EST)
¹ Cold Ischemia Time (CIT)	19hrs 42 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fat infiltration
Pancreas Weight (trimmed)	19.8 g
Total Islet Yield	105,977 IEQ
³ IEQ/g of Pancreas	5,352 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (70%) 30,757. (15%) 75,220
Islet Viability (%)	93
GSIR (SI)	0.7
DNA Content (ng/IEQ)	4.42
Endotoxin (EU/ml)	< 0.1
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



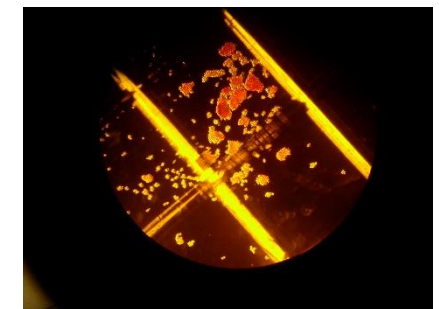
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)

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%