

Islet Isolation

HPAP063

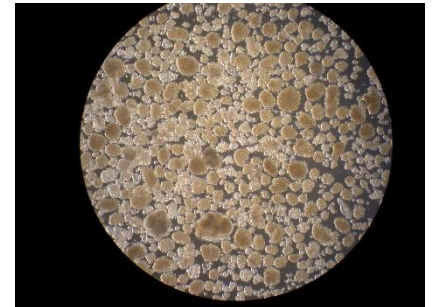
Date of Procurement/Cross Clamp Time	7/10/2020, 02:46 (EST)
Date/Time Tissues Biopsy & Islet Isolation	7/10/2020, 16:00 (EST)
Date/Time Intra Ductal Enzyme Infusion	7/10/2020, 16:42 (EST)
¹ Cold Ischemia Time (CIT)	13 hrs 56 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty and Fat infiltration
Pancreas Weight (trimmed)	80.9 g
Total Islet Yield	636,492 IEQ
³ IEQ/g of Pancreas	7,867.6 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (85%) 613,380 (20%) 23,112
Islet Viability (%)	95
GSIR (SI)	0.91
DNA Content (ng/IEQ)	1.5
Endotoxin (EU/ml)	0.066
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



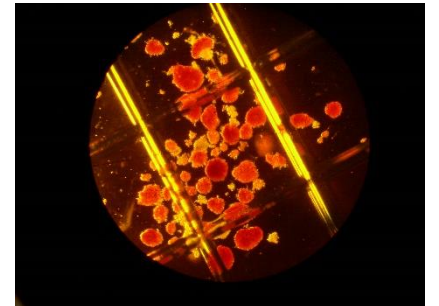
Pancreas (Pre trimming)



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%