

Islet Isolation

HPAP075

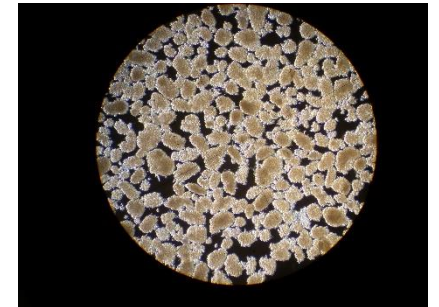
Date of Procurement/Cross Clamp Time	11/22/2020, (EST)
Date/Time Tissues Biopsy & Islet Isolation	11/23/2020, (EST)
Date/Time Intra Ductal Enzyme Infusion	11/23/2020, (EST)
¹ Cold Ischemia Time (CIT)	11 hrs 25 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty infiltration
Pancreas Weight (trimmed)	114.2 g
Total Islet Yield	442,136 IEQ
³ IEQ/g of Pancreas	3,871.6 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%) 283,310. (30%) 158,826
Islet Viability (%)	91
GSIR (SI)	1.32
DNA Content (ng/IEQ)	5.04
Endotoxin (EU/ml)	0.06
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



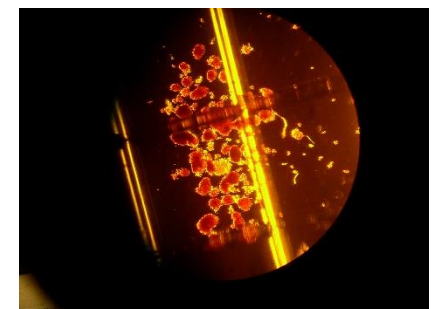
Pancreas (Pre trimming)



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%