

Islet Isolation

HPAP064

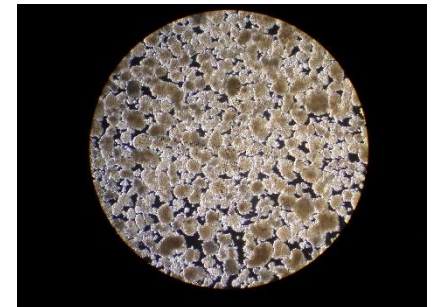
Date of Procurement/Cross Clamp Time	7/14/2020, 02:57 (EST)
Date/Time Tissues Biopsy & Islet Isolation	7/14/2020, 19:42 (EST)
Date/Time Intra Ductal Enzyme Infusion	7/14/2020, 20:50 (EST)
¹ Cold Ischemia Time (CIT)	17 hrs 53 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fatty infiltration
Pancreas Weight (trimmed)	28.5 g
Total Islet Yield	313,416 IEQ
³ IEQ/g of Pancreas	10,997 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (80%) 267,638, (30%) 45,778K
Islet Viability (%)	97
GSIR (SI)	0.77
DNA Content (ng/IEQ)	2.78
Endotoxin (EU/ml)	<0.053
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



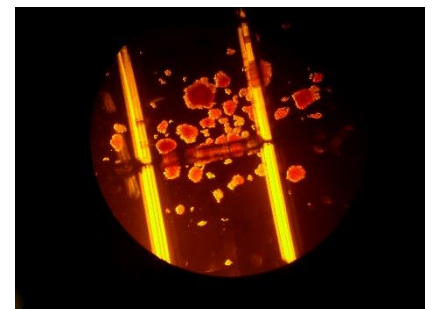
Pancreas (Pre trimming)



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%