

Islet Isolation

HPAP061

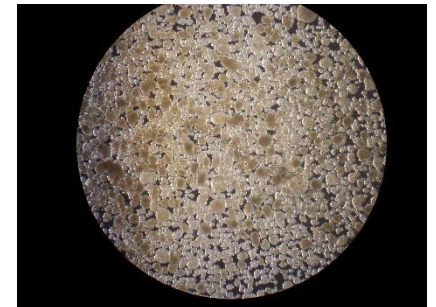
Date of Procurement/Cross Clamp Time	7/1/2020, 05:40 (EST)
Date/Time Tissues Biopsy & Islet Isolation	7/1/2020, 16:39 (EST)
Date/Time Intra Ductal Enzyme Infusion	7/1/2020, 17:43 (EST)
¹ Cold Ischemia Time (CIT)	12 hrs 3 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Multiple Damaged (head, body and tail by cut)
Pancreas Weight (trimmed)	69g
Total Islet Yield	119,850 IEQ
³ IEQ/g of Pancreas	1,737 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (65%) 95,252 (25%) 24,598
Islet Viability (%)	94
GSIR (SI)	0.94
DNA Content (ng/IEQ)	2.62
Endotoxin (EU/ml)	<0.05
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



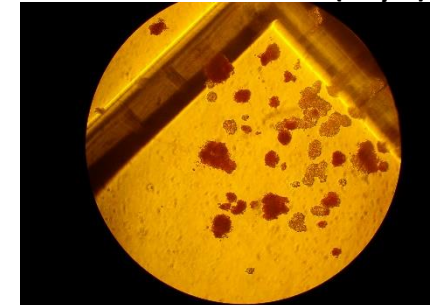
Pancreas (Pre trimming)



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%