

Islet Isolation

HPAP037

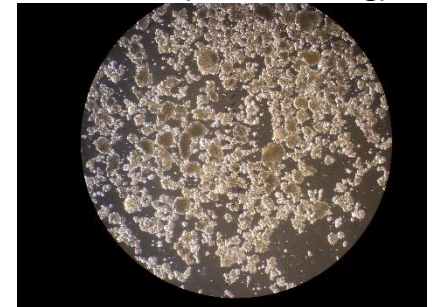
Date of Procurement/Cross Clamp Time	2/10/2019 / 23:45 (EST)
Date/Time Tissues Biopsy & Islet Isolation	2/11/2019 / 10:05 (EST)
Date/Time Intra Ductal Enzyme Infusion	2/11/2019 / 11:47 (EST)
¹ Cold Ischemia Time (CIT)	12 hrs 2 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Very soft
Pancreas Weight (trimmed)	77.13 g
Total Islet Yield	109,866IEQ
³ IEQ/g of Pancreas	1,424.4 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (70%) 78,606; (30%) 31,260
Islet Viability (%)	94
GSIR (SI)	0.43
DNA Content (ng/IEQ)	1.36
Endotoxin (EU/ml)	0.831
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



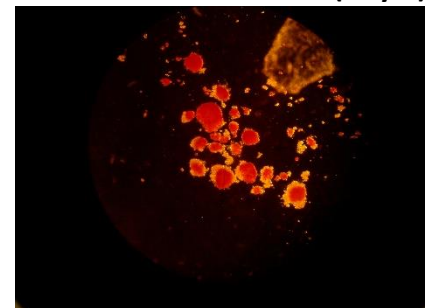
Pancreas (Pre trimming)



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%