

Islet Isolation

HPAP088

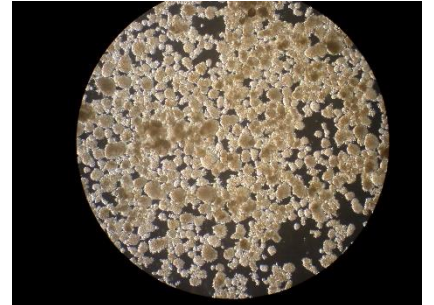
Date of Procurement/Cross Clamp Time	3/18/2021, 13:35 (EST)
Date/Time Tissues Biopsy & Islet Isolation	3/19/2021, 08:45 (EST)
Date/Time Intra Ductal Enzyme Infusion	3/19/2021, 09:45 (EST)
¹ Cold Ischemia Time (CIT)	20 hrs 19 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Heavy Fatty and very soft
Pancreas Weight (trimmed)	98.4 g
Total Islet Yield	50,638 IEQ
³ IEQ/g of Pancreas	514.6 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (70%) 50,638
Islet Viability (%)	96
GSIR (SI)	1.3
DNA Content (ng/IEQ)	2.42
Endotoxin (EU/ml)	0.152
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



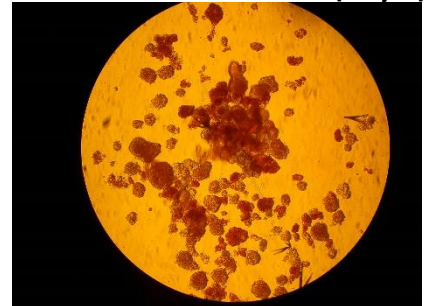
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 3)



DTZ staining (Day 3)

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%