

Islet Isolation

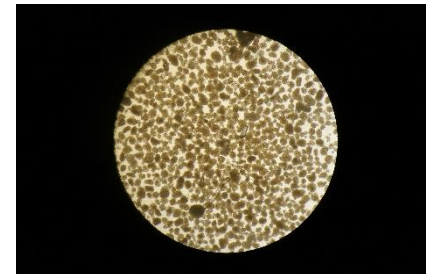
HPAP110	
Date of Procurement/Cross Clamp Time	12/10/2021, 21:29 (EST)
Date/Time Tissues Biopsy & Islet Isolation	12/11/2021, 09:47 (EST)
Date/Time Intra Ductal Enzyme Infusion	12/11/2021, 10:48 (EST)
¹ Cold Ischemia Time (CIT)	13 hrs 19 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty
Pancreas Weight (trimmed)	119.4 g
Total Islet Yield	302,242 IEQ
³ IEQ/g of Pancreas	2,531.3 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%): 282,240 (45%): 20,002
Islet Viability (%)	92
GSIR (SI)	1.83
DNA Content (ng/IEQ)	5.66
Endotoxin (EU/ml)	<0.05
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



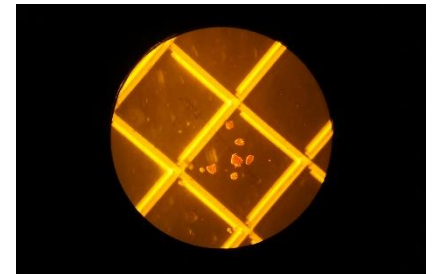
Pancreas (Pre trimming)



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%