

Islet Isolation

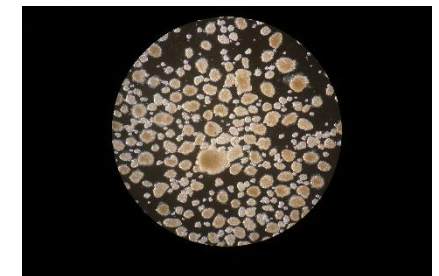
HPAP138	
Date of Procurement/Cross Clamp Time	12/13/2022, 16:45 (EST)
Date/Time Tissues Biopsy & Islet Isolation	12/14/2022, 13:39 (EST)
Date/Time Intra Ductal Enzyme Infusion	12/14/2022, 14:30 (EST)
¹ Cold Ischemia Time (CIT)	21 hrs and 45 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fat infiltration
Pancreas Weight (trimmed)	53 g
Total Islet Yield	78,856IEQ
³ IEQ/g of Pancreas	1,487.8IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%): 53,558 (40%): 25,298
Islet Viability (%)	94
GSIR (SI)	0.74
DNA Content (ng/IEQ)	4.78
Endotoxin (EU/ml)	<0.04
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



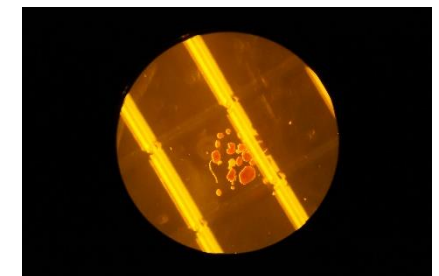
Pancreas (Pre trimming)



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%