

Islet Isolation

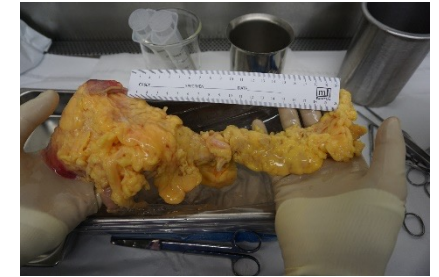
HPAP169	
Date of Procurement/Cross Clamp Time	1/7/2024, 15:02 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	1/8/2024, 10:15 (EDT)
Date/Time Intra Ductal Enzyme Infusion	1/8/2024, 11:16 (EDT)
¹ Cold Ischemia Time (CIT)	20 hrs and 14 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty
Pancreas Weight (trimmed)	155.9 g
Total Islet Yield	126,236 IEQ
³ IEQ/g of Pancreas	809.7 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (85%): 99,680. (30%): 26,556
Islet Viability (%)	92
GSIR (SI)	1.63
DNA Content (ng/IEQ)	4.05
Endotoxin (EU/ml)	<0.2
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)

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

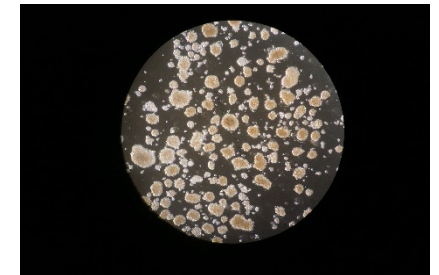
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



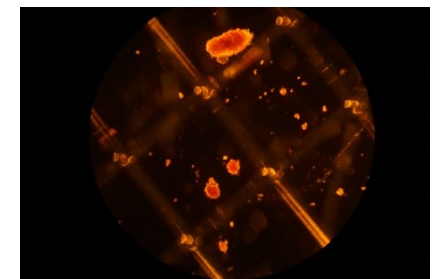
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)