

Islet Isolation

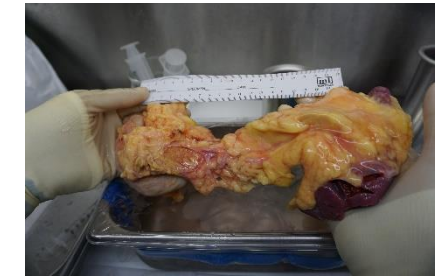
HPAP126	
Date of Procurement/Cross Clamp Time	6/15/2022, 00:57 (EST)
Date/Time Tissues Biopsy & Islet Isolation	6/15/2022, 10:19 (EST)
Date/Time Intra Ductal Enzyme Infusion	6/15/2022, 11:11 (EST)
¹ Cold Ischemia Time (CIT)	10 hrs 14 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty infiltration
Pancreas Weight (trimmed)	108.4 g
Total Islet Yield	589,154 IEQ
³ IEQ/g of Pancreas	5,435 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (95%): 522,598 (30%): 66,556
Islet Viability (%)	90
GSIR (SI)	1.89
DNA Content (ng/IEQ)	3.55
Endotoxin (EU/ml)	< 0.050
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

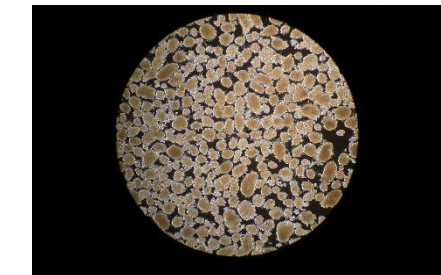
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



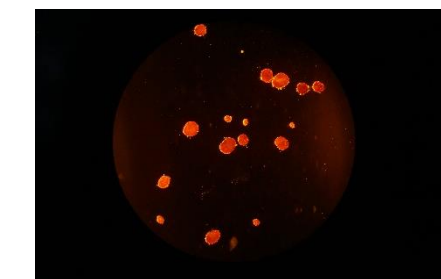
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)