

Islet Isolation

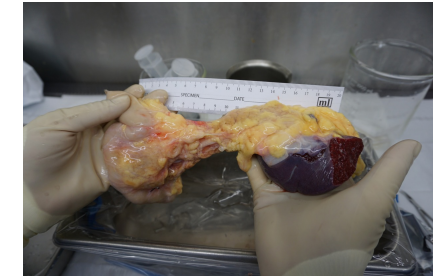
HPAP112	
Date of Procurement/Cross Clamp Time	1/13/2022, 11:41 (EST)
Date/Time Tissues Biopsy & Islet Isolation	1/14/2022, 08:40 (EST)
Date/Time Intra Ductal Enzyme Infusion	1/14/2022, 09:15 (EST)
¹ Cold Ischemia Time (CIT)	21 hrs 34 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty with patchy infiltration
Pancreas Weight (trimmed)	55.4 g
Total Islet Yield	112,830 IEQ
³ IEQ/g of Pancreas	2,036.6 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (80%): 85,234 (30%): 27,596
Islet Viability (%)	96
GSIR (SI)	1.17
DNA Content (ng/IEQ)	3.16
Endotoxin (EU/ml)	0.218
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)

¹CIT = duration from Cross clamp time till Intra ductal enzyme infusion

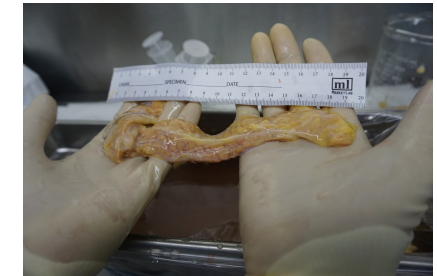
²DCD = Donation after Cardiac Death (circulatory arrest)

³IEQ/g = Islet equivalent per gram of pancreas = Total isolated islets / Weight of pancreas

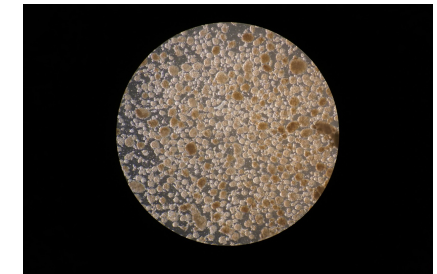
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



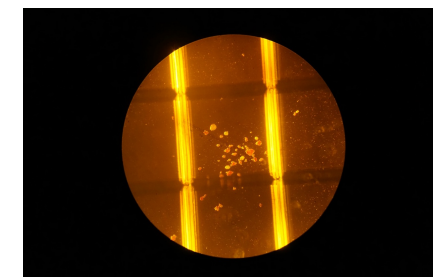
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)