

Islet Isolation

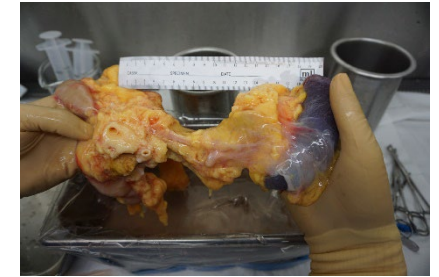
HPAP150	
Date of Procurement/Cross Clamp Time	5/2/2023, 16:37 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	5/3/2023, 10:03 (EDT)
Date/Time Intra Ductal Enzyme Infusion	5/3/2023, 10:50 (EDT)
¹ Cold Ischemia Time (CIT)	18 hrs and 13 mins
² DCD Donor Warm Ischemia Time	WIT: 20 mins
Pancreas Condition	Fatty and fat infiltration
Pancreas Weight (trimmed)	89.2 g
Total Islet Yield	158,600 IEQ
³ IEQ/g of Pancreas	1,778 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (80-85%):158,600
Islet Viability (%)	97
GSIR (SI)	1
DNA Content (ng/IEQ)	4.98
Endotoxin (EU/ml)	<0.055
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)

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

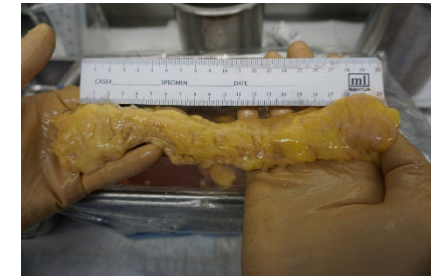
²DCD = Donation after Cardiac Death (circulatory arrest)

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

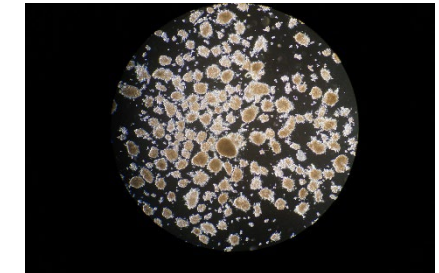
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



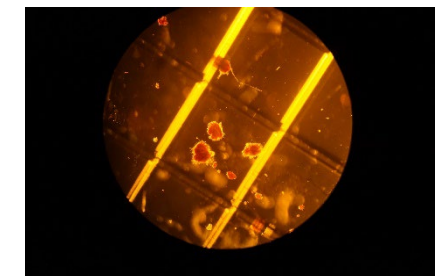
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)