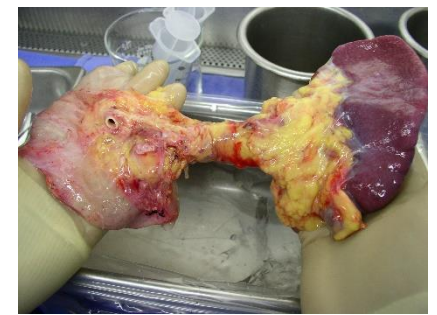


Islet Isolation

HPAP055

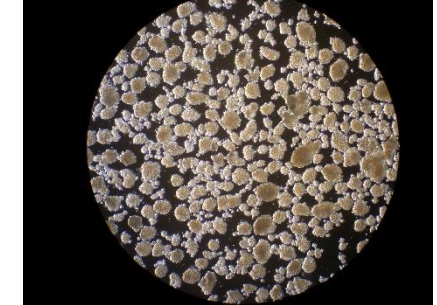
Date of Procurement/Cross Clamp Time	1/30/2020, 06:50 (EST)
Date/Time Tissues Biopsy & Islet Isolation	1/30/2020, 13:30 (EST)
Date/Time Intra Ductal Enzyme Infusion	1/30/2020, 15:03 (EST)
¹ Cold Ischemia Time (CIT)	8 hrs 13 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fat average
Pancreas Weight (trimmed)	63.8 g
Total Islet Yield	226,101 IEQ
³ IEQ/g of Pancreas	3,543.9 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%) 96,131 (50%) 84,560 (15%) 45,410
Islet Viability (%)	90
GSIR (SI)	0.88
DNA Content (ng/IEQ)	3.93
Endotoxin (EU/ml)	< 0.05
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



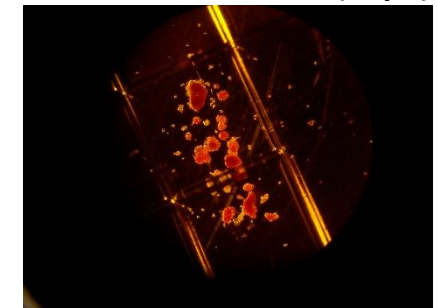
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)

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%