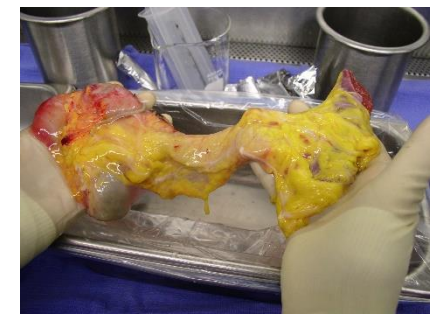


Islet Isolation

HPAP070

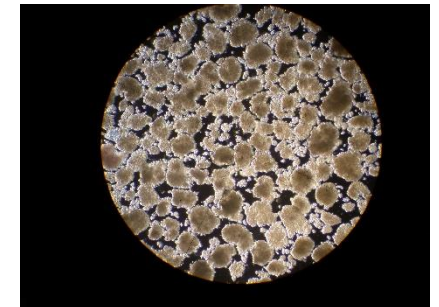
Date of Procurement/Cross Clamp Time	9/28/2020, 8:54 (EST)
Date/Time Tissues Biopsy & Islet Isolation	9/28/2020, 13:39 (EST)
Date/Time Intra Ductal Enzyme Infusion	9/28/2020, 14:38 (EST)
¹ Cold Ischemia Time (CIT)	5 hrs 44 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fat infiltration
Pancreas Weight (trimmed)	53.5 g
Total Islet Yield	43,495 IEQ
³ IEQ/g of Pancreas	813 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (70%) 8402. (45%) 22,777.5. (25%) 12,315
Islet Viability (%)	96
GSIR (SI)	2.8 (from middle purity fraction islets)
DNA Content (ng/IEQ)	5.09
Endotoxin (EU/ml)	<0.1
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



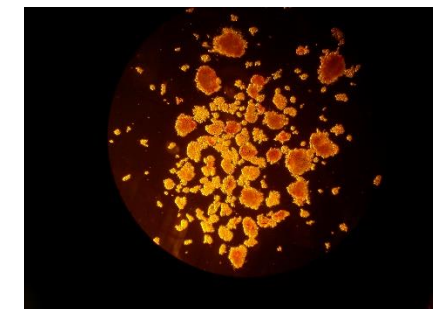
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Middle purity) (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%