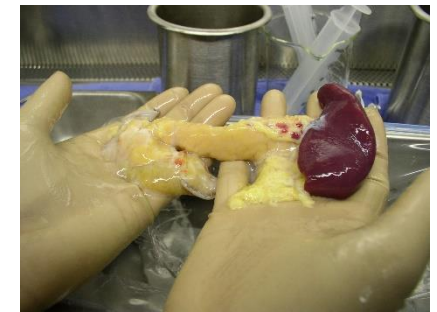


Islet Isolation

HPAP039

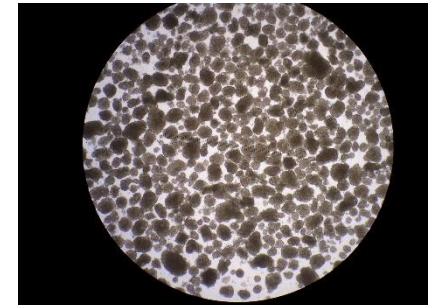
Date of Procurement/Cross Clamp Time	5/11/2019 / 13:40 (EST)
Date/Time Tissues Biopsy & Islet Isolation	5/12/2019 / 11:20 (EST)
Date/Time Intra Ductal Enzyme Infusion	5/12/2019 / 12:23 (EST)
¹ Cold Ischemia Time (CIT)	22 hrs 43 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Very minimal fatty infiltration
Pancreas Weight (trimmed)	16.6 g
Total Islet Yield	151,858 IEQ
³ IEQ/g of Pancreas	9,148 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%) 42,338; (35%) 109,520
Islet Viability (%)	93
GSIR (SI)	1.35
DNA Content (ng/IEQ)	6.21
Endotoxin (EU/ml)	<0.05
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



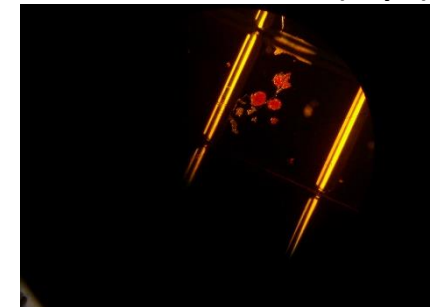
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



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%