

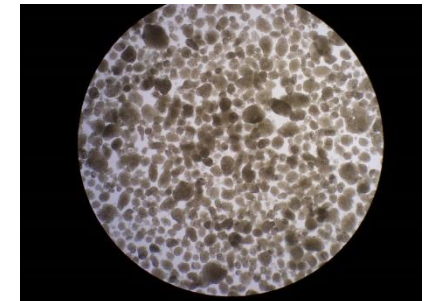
Islet Isolation

HPAP011

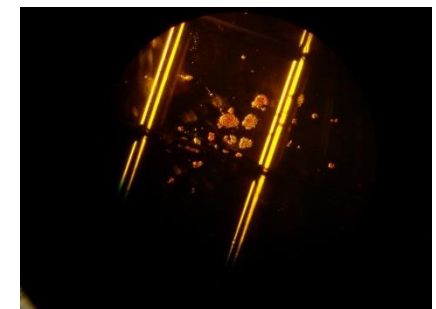
Date of Procurement/Cross Clamp Time	6/25/2017 / 09:28 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	6/25/2017 / 14:15 (EDT)
Date/Time Intra Ductal Enzyme Infusion	6/25/2017 (EDT) / 15:49 (EDT)
¹ Cold Ischemia Time (CIT)	6 hrs 21 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fatty infiltration
Pancreas Weight (trimmed)	19.10 g
Total Islet Yield	164.218 IEQ
³ IEQ/g of Pancreas	8597.80 IEQ/g
Islet Purity (%) & Yield	⁴ High purity (95%): 24,264 IEQ , Low purity (30%): 139,954 IEQ
Islet Viability	92%
GSIR (SI)	1.49
DNA Content (ng/IEQ)	2.9
Endotoxin (EU/ml)	0.072
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



Pancreas (Pre trimming)



Islet in culture media (Day 1)



DTZ staining (Day 1)

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%