

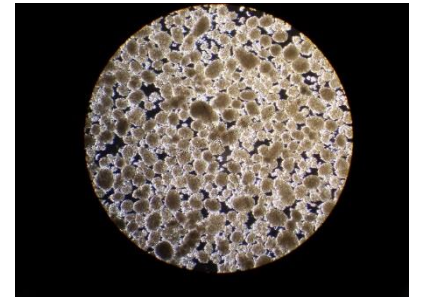
Islet Isolation

HPAP014

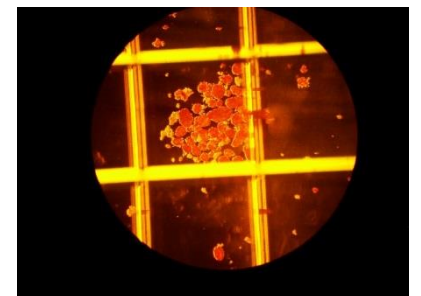
Date of Procurement/Cross Clamp Time	8/25/2017 / 10:42 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	8/25/2017 / 15:30 (EDT)
Date/Time Intra Ductal Enzyme Infusion	8/25/2017 / 16:36 (EDT)
¹ Cold Ischemia Time (CIT)	5 hrs 54 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fat and Firm (in tail)
Pancreas Weight (trimmed)	76.43 g
Total Islet Yield	394,720 IEQ
³ IEQ/g of Pancreas	5164.2 IEQ/g
Islet Purity (%) & Yield	⁴ High purity (90 %): 343,832 IEQ , Low purity (30%): 50,888 IEQ
Islet Viability	93%
GSIR (SI)	1.76
DNA Content (ng/IEQ)	92.2
Endotoxin (EU/ml)	<0.100
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



Pancreas (Pre trimming)



Islet 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%