

Islet Isolation

HPAP004

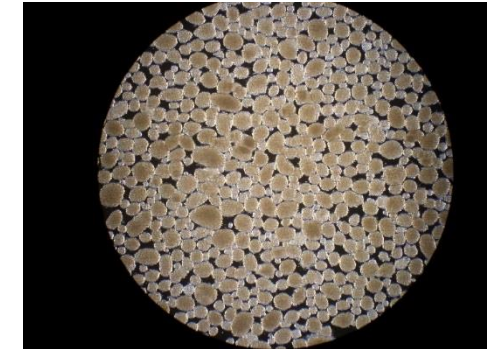
Date of Procurement/Cross Clamp Time	1/26/2017 / 09:12 (EST)
Date/Time Tissues Biopsy & Islet Isolation	1/26/2017 / 16:20 (EST)
Date/Time Intra Ductal Enzyme Infusion	1/26/2017 / 18:23 (EST)
¹ Cold Ischemia Time (CIT)	9 hrs 11 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fatty infiltration
Pancreas Weight (trimmed)	53.73 g
Total Islet Yield	426,652 IEQ
³ IEQ/g of Pancreas	7940.7 IEQ/g
Islet Purity (%) & Yield	⁴ High purity (95%): 361,060 IEQ , Low purity (40%): 65,592 IEQ
Islet Viability	81%
GSIR (SI)	1.22
DNA Content (ng/IEQ)	75
Endotoxin (EU/ml)	<0.105
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)

¹CIT = duration from Cross clamp time till Intra ductal enzyme infusion

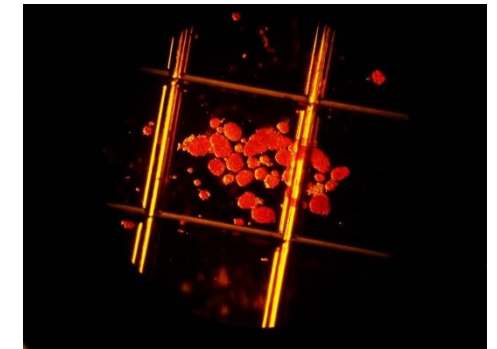
²DCD = Donation after Cardiac Death (circulatory arrest)

³IEQ/g = Islet equivalent per gram of pancreas = Total isolated islets / Weight of pancreas

⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



Islet in culture media (Day 1)



DTZ staining (Day 1)