

Islet Isolation

HPAP042

Date of Procurement/Cross Clamp Time	6/13/2019 / 14:51 (EST)
Date/Time Tissues Biopsy & Islet Isolation	6/14/2019 / 07:50 (EST)
Date/Time Intra Ductal Enzyme Infusion	6/14/2019 / 09:19 (EST)
¹ Cold Ischemia Time (CIT)	16 hrs 59 mins
² DCD Donor Warm Ischemia Time	17 mins
Pancreas Condition	Very minimal fatty infiltration
Pancreas Weight (trimmed)	9.4 g
Total Islet Yield	59,592 IEQ
³ IEQ/g of Pancreas	6,340 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (35%) 59,592
Islet Viability (%)	95
GSIR (SI)	0.48
DNA Content (ng/IEQ)	17.75
Endotoxin (EU/ml)	0.141
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

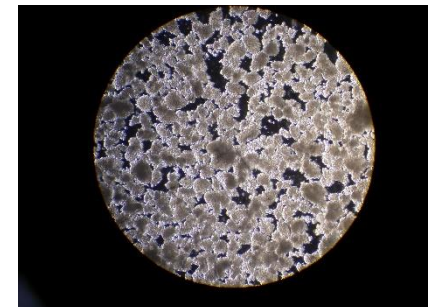
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



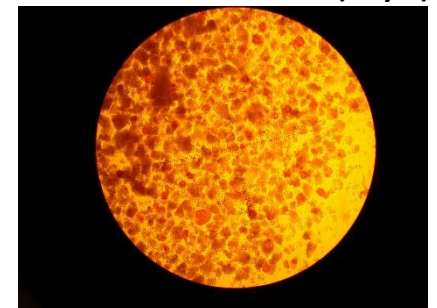
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 0)