

Islet Isolation

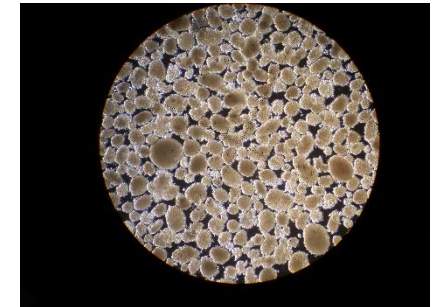
HPAP101	
Date of Procurement/Cross Clamp Time	7/15/2021, 03:59 (EST)
Date/Time Tissues Biopsy & Islet Isolation	7/16/2021, 08:19 (EST)
Date/Time Intra Ductal Enzyme Infusion	7/16/2021, 09:06 (EST)
¹ Cold Ischemia Time (CIT)	29 hrs 07 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty infiltration
Pancreas Weight (trimmed)	64.1 g
Total Islet Yield	714,796 IEQ
³ IEQ/g of Pancreas	11, 151 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (95%) 657,572. (30%) 57,224
Islet Viability (%)	94
GSIR (SI)	1.54
DNA Content (ng/IEQ)	2.14
Endotoxin (EU/ml)	0.055
Sterility Test	Negative
¹ CIT = duration from Cross clamp time till Intra ductal enzyme infusion (No Growth Of Bacteria Or Fungus After 14 Days)	
² DCD = Donation after Cardiac Death (circulatory arrest)	
³ IEQ/g = Islet equivalent per gram of pancreas = Total isolated islets / Weight of pancreas	
⁴ High = >70%, Middle = 50%– 69%, Low = 30% - 49%	



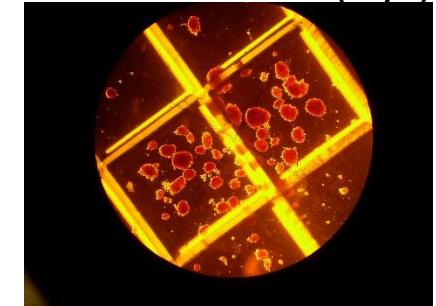
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)