

Islet Isolation

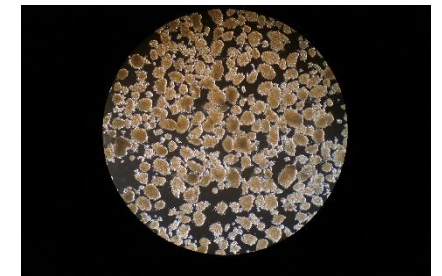
HPAP118	
Date of Procurement/Cross Clamp Time	3/5/2022, 19:26 (EST)
Date/Time Tissues Biopsy & Islet Isolation	3/6/2022, 15:30 (EST)
Date/Time Intra Ductal Enzyme Infusion	3/6/2022, 16:17 (EST)
¹ Cold Ischemia Time (CIT)	20 hrs 51 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty
Pancreas Weight (trimmed)	87.3 g
Total Islet Yield	363,642 IEQ
³ IEQ/g of Pancreas	4,165.4 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%): 302,010 (30%): 61,632
Islet Viability (%)	91
GSIR (SI)	4.85
DNA Content (ng/IEQ)	5.17
Endotoxin (EU/ml)	0.327
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



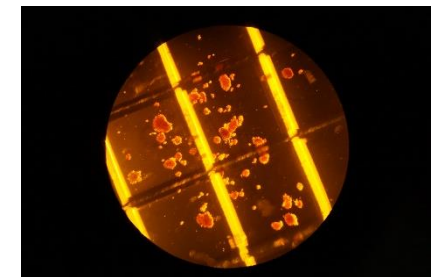
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets 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%