

Islet Isolation

HPAP096

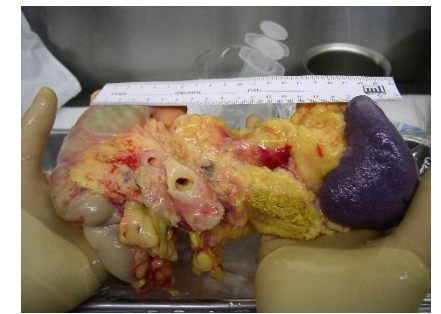
Date of Procurement/Cross Clamp Time	6/13/2021, 13:56 (EST)
Date/Time Tissues Biopsy & Islet Isolation	6/14/2021, 08:19 (EST)
Date/Time Intra Ductal Enzyme Infusion	6/14/2021, 09:09 (EST)
¹ Cold Ischemia Time (CIT)	19 hrs 13 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Heavily fatty infiltration
Pancreas Weight (trimmed)	55.4 g
Total Islet Yield	167,494 IEQ
³ IEQ/g of Pancreas	3,023.4 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (80%) 115,566. (30%) 51,928
Islet Viability (%)	95
GSIR (SI)	1.46
DNA Content (ng/IEQ)	2.36
Endotoxin (EU/ml)	<0.05
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

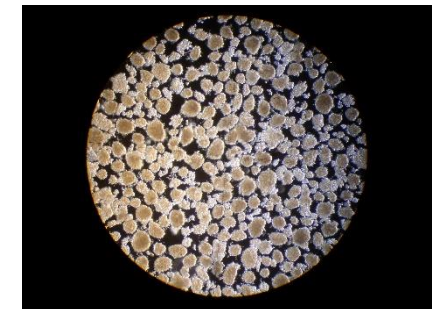
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



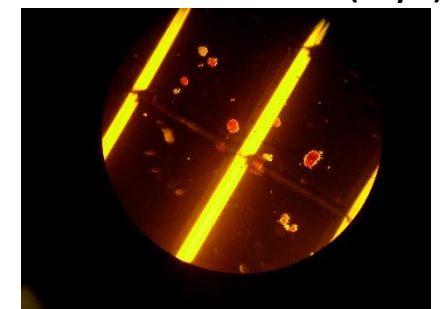
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)