

Islet Isolation

HPAP077

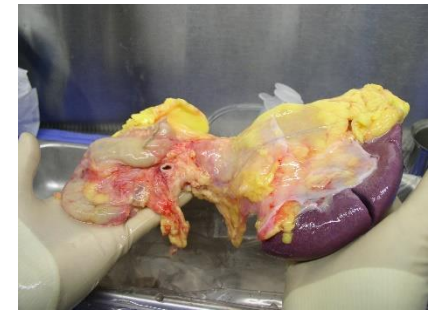
Date of Procurement/Cross Clamp Time	12/03/2020, 03:57 (EST)
Date/Time Tissues Biopsy & Islet Isolation	12/03/2020, 12:30 (EST)
Date/Time Intra Ductal Enzyme Infusion	12/03/2020, 14:47 (EST)
¹ Cold Ischemia Time (CIT)	10 hrs 50 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty infiltration
Pancreas Weight (trimmed)	105.4 g
Total Islet Yield	460,912 IEQ
³ IEQ/g of Pancreas	4, 373 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (85%) 395,686. (30%) 65,226
Islet Viability (%)	91
GSIR (SI)	1.18
DNA Content (ng/IEQ)	3.30
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

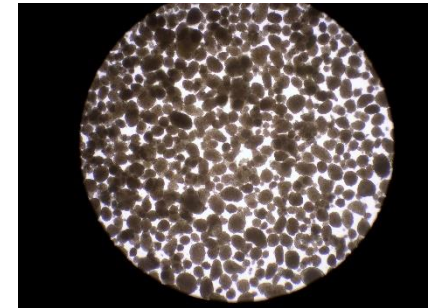
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



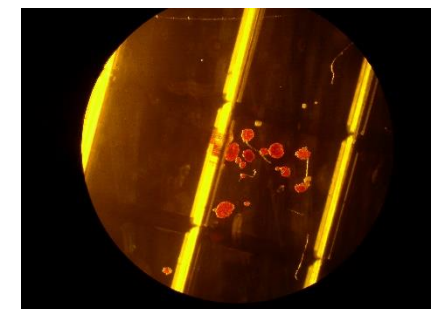
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 1)



DTZ staining (Day 1)