

Islet Isolation

HPAP027

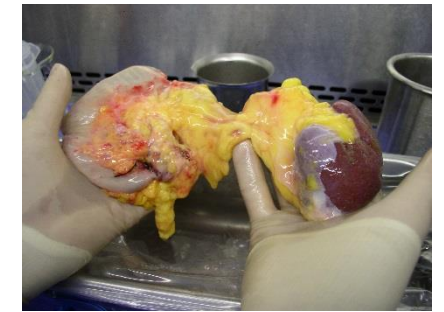
Date of Procurement/Cross Clamp Time	6/15/2018 / 2:38 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	6/15 /2018 / 10:15 (EDT)
Date/Time Intra Ductal Enzyme Infusion	6/15/2018 / 12:37 (EST)
¹ Cold Ischemia Time (CIT)	9 hrs 59 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Very Fatty
Pancreas Weight (trimmed)	49.17 g
Total Islet Yield	171986 IEQ
³ IEQ/g of Pancreas	3497.8 IEQ/g
Islet Purity (%) & Yield	⁴ Purity (75%) 112,756 IEQ; (40%): 59,230 IEQ
Islet Viability (%)	96
GSIR (SI)	1.01
DNA Content (ng/IEQ)	9.94
Endotoxin (EU/ml)	0.115
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

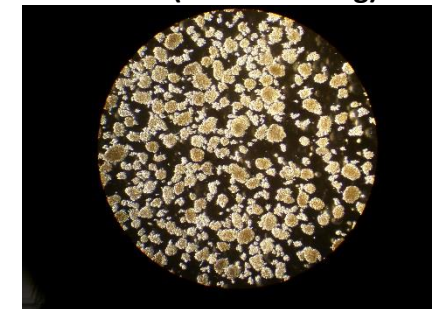
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



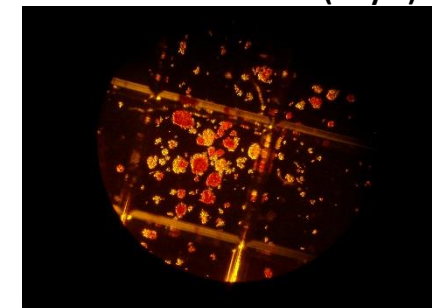
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)