

Islet Isolation

HPAP029

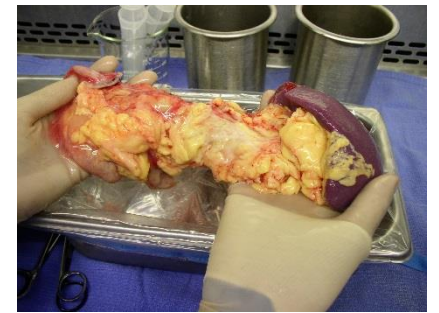
Date of Procurement/Cross Clamp Time	6/28/2018 / 21:53 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	6/29 /2018 / 13:00 (EDT)
Date/Time Intra Ductal Enzyme Infusion	6/29/2018 / 14:40 (EST)
¹ Cold Ischemia Time (CIT)	16 hrs 47 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Very Fatty
Pancreas Weight (trimmed)	97.69 g
Total Islet Yield	278,327 IEQ
³ IEQ/g of Pancreas	2849.1 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%) 252,287; (40%) 26,040
Islet Viability (%)	96
GSIR (SI)	1.4
DNA Content (ng/IEQ)	8.38
Endotoxin (EU/ml)	0.072
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

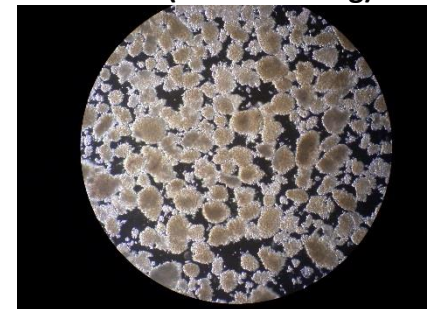
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



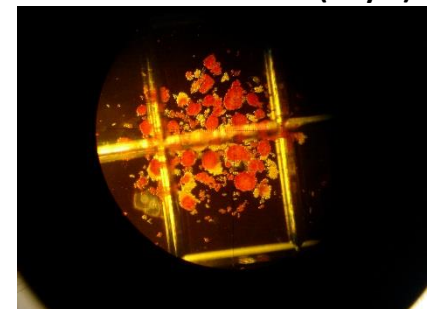
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)