

Islet Isolation

HPAP-062	
Date of Procurement/Cross Clamp Time	07/09/2020 / 11:25 EST
Date/Time Tissues Biopsy And Islet Isolation	07/09/2020 / 19:08 EST
Date/Time Intra Ductal Enzyme Infusion	07/09/2020 / 19:47 EST
¹ Cold Ischemia Time (CIT)	8 hrs 22 min
² DCD Donor Warm Ischemia Time	50 min
Pancreas Condition	Patchy infiltration of fat
Pancreas Weight Trimmed (Grams)	55.8 (52.9 after tissue biopsy)
Total Islet Yield (IEQ)	148,750 IEQ
³ IEQ/g Of Pancreas	2,811.90 IEQ/g
Islet Purity (%) And Yield (IEQ)	⁴ Purity (60 %): 118,000 IEQ, (25 %): 30,750 IEQ
Islet Viability (%)	85-90 %
GSIS (Si)	ND
DNA Content (Ng/IEQ)	ND
Endotoxin (EU/MI)	<0.01 – below detection limit
Sterility Test	No growth at 28 days (final)

¹ CIT = duration from Cross clamp time until Intra ductal enzyme infusion

² DCD = Donation after Cardiac Death (circulatory arrest)

³ IEG/g = Islet equivalent per gram of pancreas = Total isolated islets / Weight of pancreas

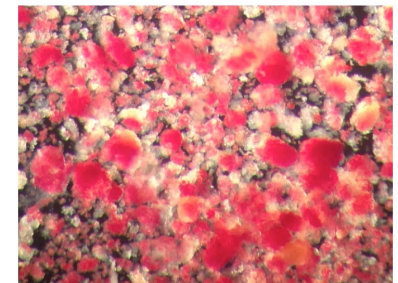
⁴ High = >70%, Middle = 50% - 69%, Low = 30% - 49%



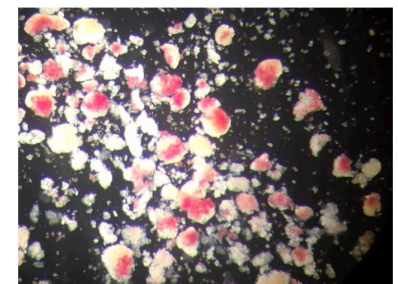
Pancreas (Pre-trimming)



Pancreas (Post-trimming)



Islets (DTZ) 60% purity (Day 0)



Islets (DTZ) 25% purity (Day 0)