

Islet Isolation

HPAP-058

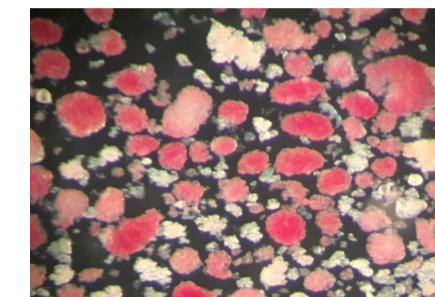
Date of Procurement/Cross Clamp Time	02/10/2020 / 14:46 EST
Date/Time Tissues Biopsy And Islet Isolation	02/10/2020 / 23:52 EST
Date/Time Intra Ductal Enzyme Infusion	02/11/2020 / 00:35 EST
¹Cold Ischemia Time (CIT)	9 hrs 49 min
²DCD Donor Warm Ischemia Time	N/A
Pancreas Condition	Fatty infiltration and surgical damage
Pancreas Weight Trimmed (Grams)	112.7 (100.4 after tissue biopsy)
Total Islet Yield (IEQ)	92,708 IEQ
³IEQ/g Of Pancreas	923.39 IEQ/g
Islet Purity (%) And Yield (IEQ)	⁴ Purity (60-65%): 42,600 IEQ, (45-50%): 31,650 IEQ, (5-10%): 18,458 IEQ
Islet Viability (%)	80%
GSIS (Si)	ND
DNA Content (Ng/IEQ)	ND
Endotoxin (EU/MI)	<0.01 – below detection limit
Sterility Test	No growth at 21 days (final)



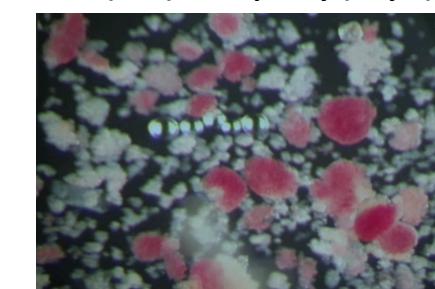
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets (DTZ) 60% purity (Day 0)



Islets (DTZ) 45% purity (Day 0)

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%