

Islet Isolation

HPAP052	
Date of Procurement/Cross Clamp Time	1/18/2020 / 17:07 (EST)
Date/Time Tissues Biopsy & Islet Isolation	1/19/2020 / 08:30 (EST)
Date/Time Intra Ductal Enzyme Infusion	1/19/2020 / 09:28 (EST)
¹ Cold Ischemia Time (CIT)	16 hrs 21 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty infiltration
Pancreas Weight (g, trimmed)	117.1
Total Islet Yield (IEQ)	278,952
³ IEQ/g of Pancreas	2382.2
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%) 240,090 (30%) 38,862
Islet Viability (%)	89
GSIR (SI)	1.56
DNA Content (ng/IEQ)	2.04
Endotoxin (EU/ml)	<0.06
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



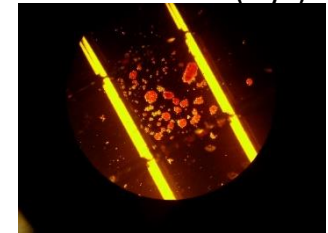
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (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%