

Islet Isolation

HPAP045

Date of Procurement/Cross Clamp Time	8/1/2019 / 13:21 (EST)
Date/Time Tissues Biopsy & Islet Isolation	8/2/2019 / 8:40 (EST)
Date/Time Intra Ductal Enzyme Infusion	8/2/2019 / 9:54 (EST)
¹ Cold Ischemia Time (CIT)	20 hrs 33 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fatty infiltration
Pancreas Weight (trimmed)	63.42 g
Total Islet Yield	269, 531 IEQ
³ IEQ/g of Pancreas	4, 250 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%) 207, 933 (50%) 61,598
Islet Viability (%)	93
GSIR (SI)	1.34
DNA Content (ng/IEQ)	2.58
Endotoxin (EU/ml)	0.468
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%



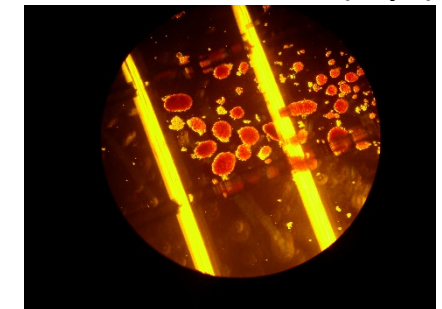
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)