

Islet Isolation

HPAP194	
Date of Procurement/Cross Clamp Time	6/3/2025, 19:01 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	6/4/2025, 13:49 (EDT)
Date/Time Intra Ductal Enzyme Infusion	6/4/2025, 15:15 (EDT)
¹ Cold Ischemia Time (CIT)	20 hrs and 14 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fatty, small & damaged
Pancreas Weight (trimmed)	15.44 g
Total Islet Yield	32,686 IEQ
³ IEQ/g of Pancreas	2,117.0 IEQ/g
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%): 19,352 (80%): 13,334
Islet Viability (%)	88
GSIR (SI)	0.32
DNA Content (ng/IEQ)	2.07
Endotoxin (EU/ml)	0.244
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

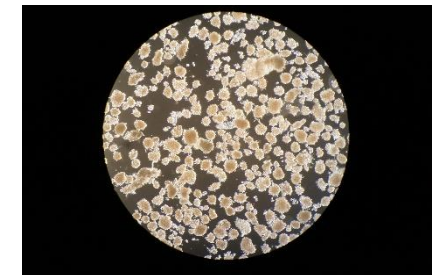
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



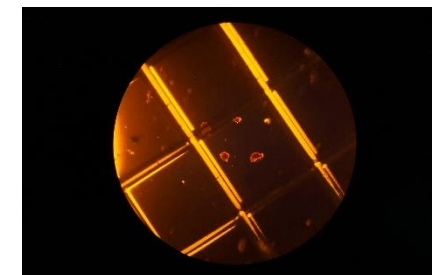
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)