

Islet Isolation

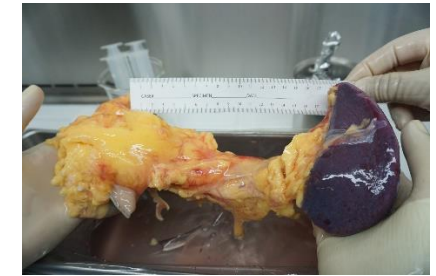
HPAP197	
Date of Procurement/Cross Clamp Time	9/9/2025, 20:40 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	9/10/2025, 09:00 (EDT)
Date/Time Intra Ductal Enzyme Infusion	9/10/2025, 10:08 (EDT)
¹ Cold Ischemia Time (CIT)	13 hrs and 28 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty, firm & damage
Pancreas Weight (trimmed)	141.1 g
Total Islet Yield (IEQ)	152,980
³ IEQ/g of Pancreas	1084.2
Islet Purity (%) & Yield (IEQ)	⁴ Purity (90%): 130,720 (30%): 22,260
Islet Viability (%)	96
GSIR (SI)	1.97
DNA Content (ng/IEQ)	2.38
Endotoxin (EU/ml)	0.169
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

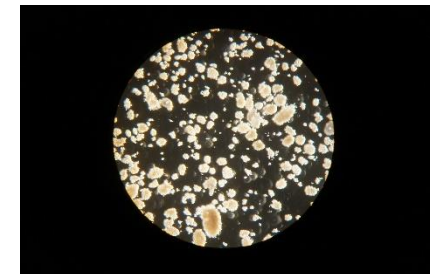
⁴High = >70%, Middle = 50%– 69%, Low = 30% - 49%



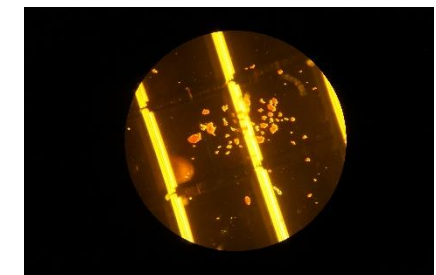
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 0)



DTZ staining (Day 0)