

# Islet Isolation

HPAP195	
Date of Procurement/Cross Clamp Time	8/9/2025, 00:56 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	8/9/2025, 12:30 (EDT)
Date/Time Intra Ductal Enzyme Infusion	8/9/2025, 13:30 (EDT)
<sup>1</sup> Cold Ischemia Time (CIT)	12 hrs and 34 mins
<sup>2</sup> DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fatty & small
Pancreas Weight (trimmed)	29.5 g
Total Islet Yield (IEQ)	45,002
<sup>3</sup> IEQ/g of Pancreas	1,525.5
Islet Purity (%) & Yield (IEQ)	<sup>4</sup> Purity (80%): 29,002 (50%): 16,000
Islet Viability (%)	94
GSIR (SI)	0.43
DNA Content (ng/IEQ)	1.13
Endotoxin (EU/ml)	0.12
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



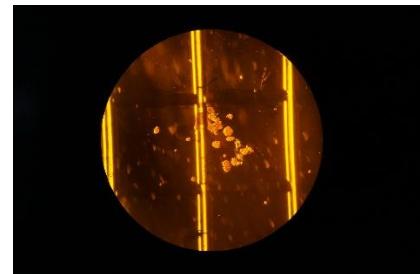
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islets in culture media (Day 2)



DTZ staining (Day 2)

<sup>1</sup>CIT = duration from Cross clamp time till Intra ductal enzyme infusion

<sup>2</sup>DCD = Donation after Cardiac Death (circulatory arrest)

<sup>3</sup>IEQ/g = Islet equivalent per gram of pancreas = Total isolated islets / Weight of pancreas

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