

# Islet Isolation

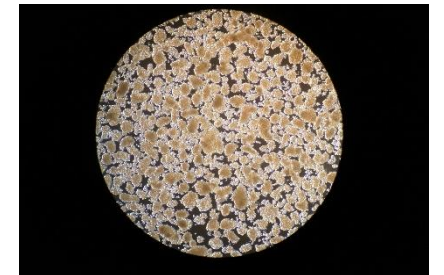
HPAP189	
Date of Procurement/Cross Clamp Time	3/19/2025, 15:21 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	3/19/2025, 18:20 (EDT)
Date/Time Intra Ductal Enzyme Infusion	3/19/2025, 19:20 (EDT)
<sup>1</sup> Cold Ischemia Time (CIT)	3 hrs and 59 mins
<sup>2</sup> DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty
Pancreas Weight (trimmed)	87.9 g
Total Islet Yield	502,900 IEQ
<sup>3</sup> IEQ/g of Pancreas	5,721.3 IEQ/g
Islet Purity (%) & Yield (IEQ)	<sup>4</sup> Purity (90%):412,306 (30%): 90,594
Islet Viability (%)	97
GSIR (SI)	2.9
DNA Content (ng/IEQ)	1.19
Endotoxin (EU/ml)	0.217
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



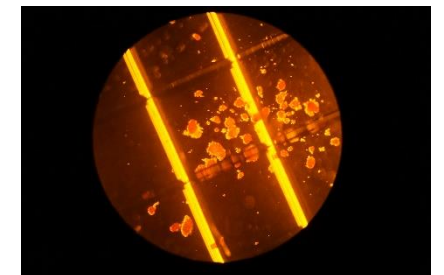
**Pancreas (Pre trimming)**



**Pancreas (Post trimming)**



**Islets in culture media (Day 0)**



**DTZ staining (Day 0)**

<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%