

# Islet Isolation

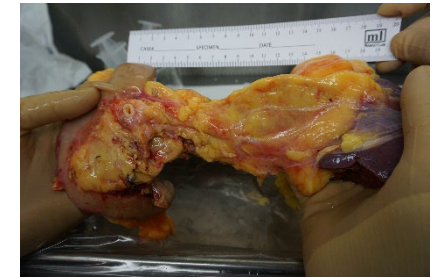
HPAP162	
Date of Procurement/Cross Clamp Time	9/16/2023, 14:02 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	9/16/2023, 19:30 (EDT)
Date/Time Intra Ductal Enzyme Infusion	9/16/2023, 20:37 (EDT)
<sup>1</sup> Cold Ischemia Time (CIT)	6 hrs and 35 mins
<sup>2</sup> DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty and fat infiltration
Pancreas Weight (trimmed)	102.7 g
Total Islet Yield	285,210 IEQ
<sup>3</sup> IEQ/g of Pancreas	2,777.1 IEQ/g
Islet Purity (%) & Yield (IEQ)	<sup>4</sup> Purity (90%): 263,542 (50%): 21,668
Islet Viability (%)	97
GSIR (SI)	2.1
DNA Content (ng/IEQ)	27.42
Endotoxin (EU/ml)	<0.04
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)

<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

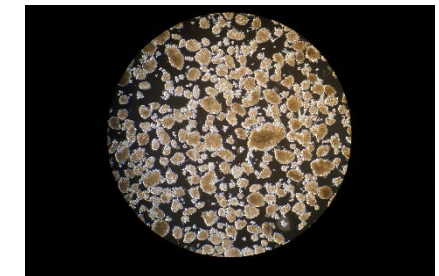
<sup>4</sup>High = >70%, Middle = 50%– 69%, Low = 30% - 49%



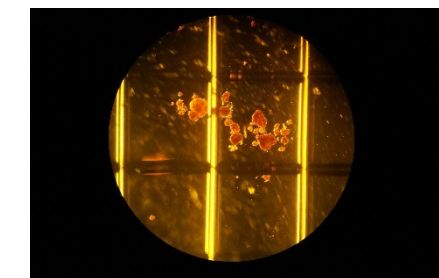
**Pancreas (Pre trimming)**



**Pancreas (Post trimming)**



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



**DTZ staining (Day 0)**