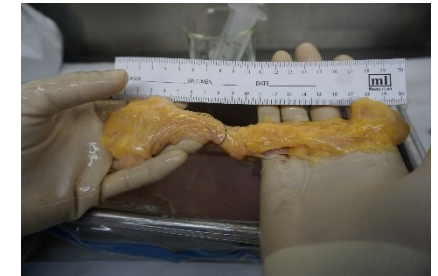


# Islet Isolation

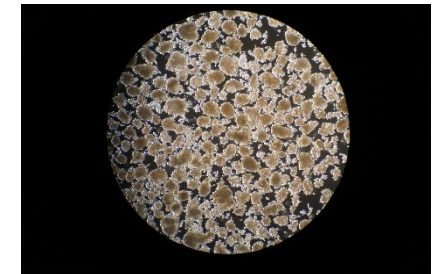
HPAP163	
Date of Procurement/Cross Clamp Time	10/12/2023, 20:16 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	10/13/2023, 11:18 (EDT)
Date/Time Intra Ductal Enzyme Infusion	10/13/2023, 11:57 (EDT)
<sup>1</sup> Cold Ischemia Time (CIT)	15 hrs and 41 mins
<sup>2</sup> DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty and fat infiltration
Pancreas Weight (trimmed)	53.6 g
Total Islet Yield	97,706 IEQ
<sup>3</sup> IEQ/g of Pancreas	1,822.9 IEQ/g
Islet Purity (%) & Yield (IEQ)	<sup>4</sup> Purity (85%):71,632 (30%): 26,074
Islet Viability (%)	94
GSIR (SI)	1.21
DNA Content (ng/IEQ)	9.89
Endotoxin (EU/ml)	0.11
Sterility Test	Positive (Candida Krusei isolated from both of preservation solution and product)



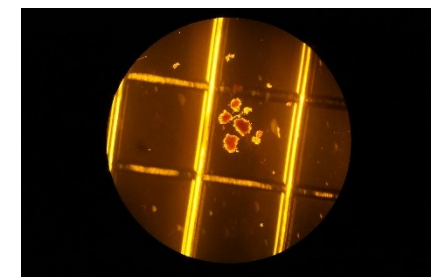
**Pancreas (Pre trimming)**



**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%