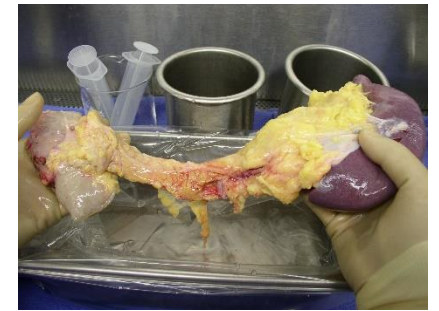


# Islet Isolation

HPAP059

Date of Procurement/Cross Clamp Time	3/3/2020, 17:59 (EST)
Date/Time Tissues Biopsy & Islet Isolation	3/4/2020, 08:56 (EST)
Date/Time Intra Ductal Enzyme Infusion	3/4/2020, 10:10 (EST)
<sup>1</sup> Cold Ischemia Time (CIT)	16 hrs 11 mins
<sup>2</sup> DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty infiltration & Damaged
Pancreas Weight (trimmed)	118 g
Total Islet Yield	368,346 IEQ
<sup>3</sup> IEQ/g of Pancreas	3,121.6 IEQ/g
Islet Purity (%) & Yield (IEQ)	<sup>4</sup> Purity (70%) 119,530 (50%) 104,852 (30%) 143,964
Islet Viability (%)	96
GSIR (SI)	1.16
DNA Content (ng/IEQ)	2.38
Endotoxin (EU/ml)	0.064
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



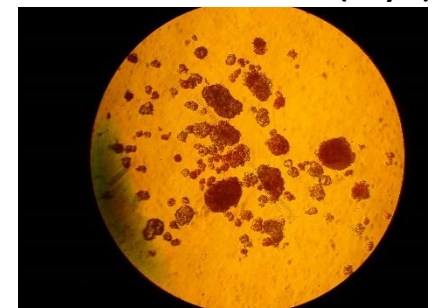
**Pancreas (Pre trimming)**



**Pancreas (Post trimming)**



**Islets in culture media (Day 1)**



**DTZ staining (Day 1)**

<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%