

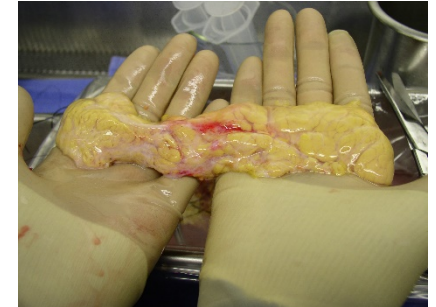
# Islet Isolation

## HPAP046

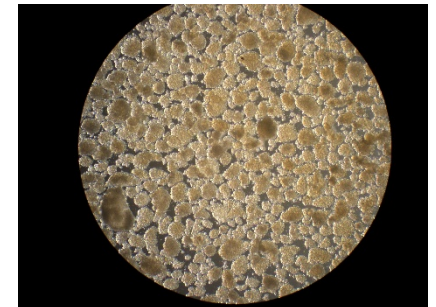
Date of Procurement/Cross Clamp Time	8/28/2019 / 07:13 (EST)
Date/Time Tissues Biopsy & Islet Isolation	8/28/2019 / 13:00 (EST)
Date/Time Intra Ductal Enzyme Infusion	8/28/2019 / 14:00 (EST)
<sup>1</sup> Cold Ischemia Time (CIT)	6 hrs 57 mins
<sup>2</sup> DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fatty infiltration
Pancreas Weight (trimmed)	67.1 g
Total Islet Yield	493,085 IEQ
<sup>3</sup> IEQ/g of Pancreas	7,348.5 IEQ/g
Islet Purity (%) & Yield (IEQ)	<sup>4</sup> Purity (80%) 278,914 (50%) 80,596 (30%) 133,575
Islet Viability (%)	95
GSIR (SI)	1.83
DNA Content (ng/IEQ)	5.19
Endotoxin (EU/ml)	< 0.052
Sterility Test	(Stenotrophomonas maltophilia isolated on 9/5/19)



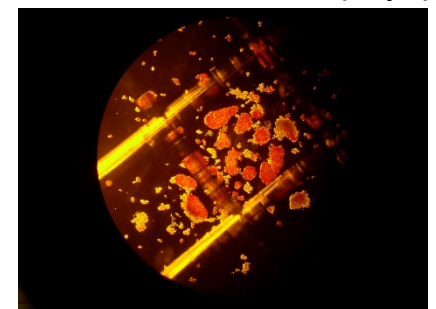
**Pancreas (Pre trimming)**



**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%