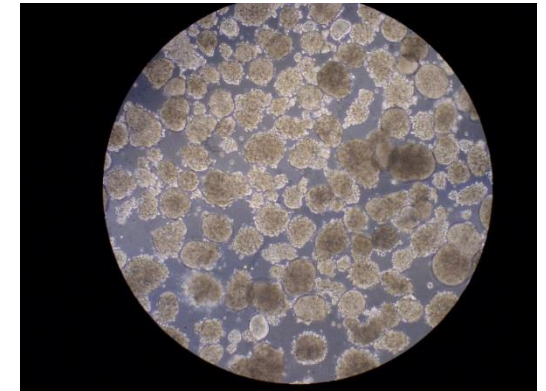


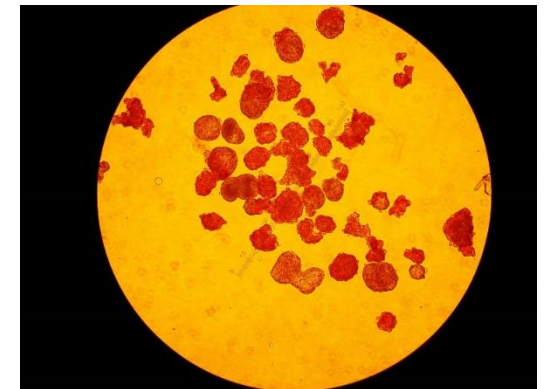
Islet Isolation

HPAP009

Date of Procurement/Cross Clamp Time	05/10/2017 / 19.34 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	05/11/2017 / 12.00 (EDT)
Date/Time Intra Ductal Enzyme Infusion	05/11/2017 / 13.30 (EDT)
¹ Cold Ischemia Time (CIT)	17 hrs 56 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fatty infiltration
Pancreas Weight (trimmed)	21.92 g
Total Islet Yield	220,014 IEQ
³ IEQ/g of Pancreas	10,037 IEQ/g
Islet Purity (%) & Yield	⁴ High purity (90%): 192,156 IEQ , Low purity (40%):27,858 IEQ
Islet Viability	93%
GSIR (SI)	1.88
DNA Content (ng/IEQ)	1.74
Endotoxin (EU/ml)	<0.05
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



Islet in culture media (Day 1)



DTZ staining (Day 1)

¹CIT = duration from Cross clamp time till Intra ductal enzyme infusion

²DCD = Donation after Cardiac Death (circulatory arrest)

³IEQ/g = Islet equivalent per gram of pancreas = Total isolated islets / Weight of pancreas

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