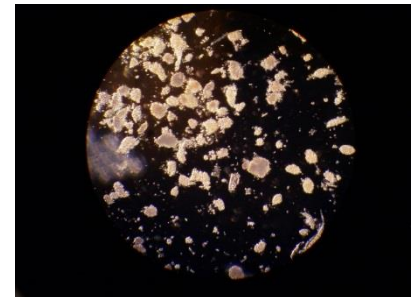


Islet Isolation

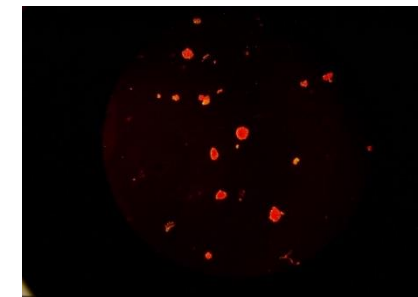
HPAP015	
Date of Procurement/Cross Clamp Time	9/11/2017 / 11:38 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	9/11/2017 / 23:00 (EDT)
Date/Time Intra Ductal Enzyme Infusion	9/12/2017 / 00:06 (EDT)
¹ Cold Ischemia Time (CIT)	12 hrs 28 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Edematous
Pancreas Weight (trimmed)	68.7 g
Total Islet Yield	68,372 IEQ
³ IEQ/g of Pancreas	995.2 IEQ/g
Islet Purity (%) & Yield	⁴ High purity (90 %): 9,746 IEQ , Low purity (<30%): 58,626 IEQ
Islet Viability	85%
GSIR (SI)	0.46
DNA Content (ng/IEQ)	11.46
Endotoxin (EU/ml)	<0.100
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



Pancreas (Pre trimming)



Islet in culture media (Day 0)



DTZ staining (Day 0)

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%