

Islet Isolation

HPAP013

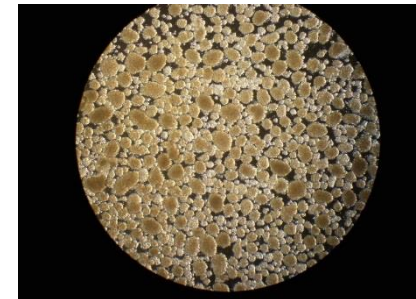
Date of Procurement/Cross Clamp Time	7/19/2017 / 19:00 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	7/20/2017 / 09:00 (EDT)
Date/Time Intra Ductal Enzyme Infusion	7/20/2017 / 10:03 (EDT)
¹ Cold Ischemia Time (CIT)	15 hrs 03 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Very Fatty
Pancreas Weight (trimmed)	101 g
Total Islet Yield	124,242 IEQ
³ IEQ/g of Pancreas	1230.1 IEQ/g
Islet Purity (%) & Yield	⁴ High purity (90 %): 92,942 IEQ , Low purity (30%): 31,300 IEQ
Islet Viability	93%
GSIR (SI)	1.46
DNA Content (ng/IEQ)	5.69
Endotoxin (EU/ml)	<0.051
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



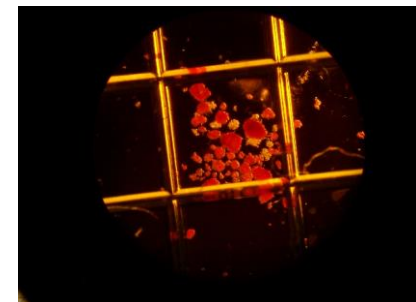
Pancreas (Pre trimming)



Pancreas (Post trimming)



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%