

Islet Isolation

HPAP018

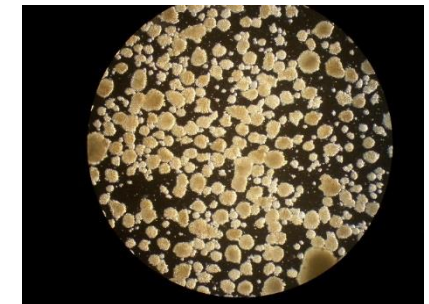
Date of Procurement/Cross Clamp Time	11/15/2017 / 20:07 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	11/16/2017 / 09:30 (EDT)
Date/Time Intra Ductal Enzyme Infusion	11/16/2017 / 10: 50 (EDT)
¹ Cold Ischemia Time (CIT)	14 hrs 43 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Minimal fatty infiltration
Pancreas Weight (trimmed)	89.8 g
Total Islet Yield	336,234 IEQ
³ IEQ/g of Pancreas	3,744.30 IEQ/g
Islet Purity (%) & Yield	⁴ High purity (85%): 235,306 IEQ , Middle purity (50%): 100,928 IEQ
Islet Viability	95%
GSIR (SI)	1.75
DNA Content (ng/IEQ)	5.04
Endotoxin (EU/ml)	<0.051
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



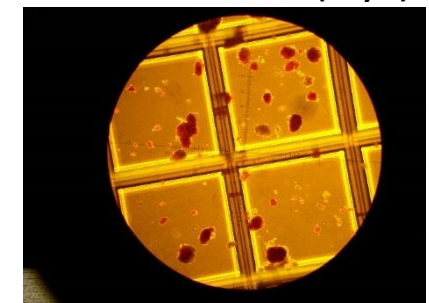
Pancreas (Pre trimming)



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%