

Islet Isolation

HPAP008

Date of Procurement/Cross Clamp Time	4/15/2017 / 22:08 (CDT) , 23:08 (EDT)
Date/Time Tissues Biopsy & Islet Isolation	4/16/2017 / 15:50 (EDT))
Date/Time Intra Ductal Enzyme Infusion	4/16/2017 / 17:09 (EDT))
¹ Cold Ischemia Time (CIT)	18 hrs 01 mins
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Damaged & Missed Pancreatic Tissue (Body)
Pancreas Weight (trimmed)	26.57 g
Total Islet Yield	269, 458 IEQ
³ IEQ/g of Pancreas	10,141 IEQ/g
Islet Purity (%) & Yield	⁴ High purity (90%): 233,938 IEQ , Middle purity (60%): 35,520 IEQ
Islet Viability	92%
GSIR (SI)	1.5
DNA Content (ng/IEQ)	2.325
Endotoxin (EU/ml)	<0.115
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)

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

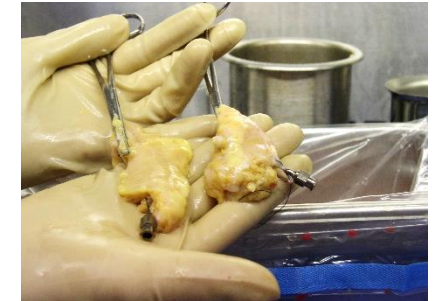
²DCD = Donation after Cardiac Death (circulatory arrest)

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

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



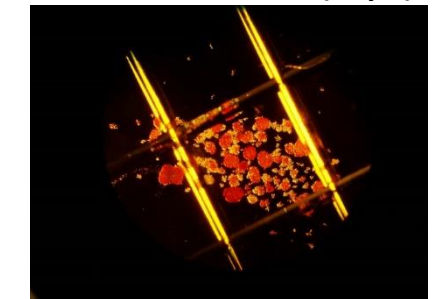
Pancreas (Pre trimming)



Pancreas (Post trimming)



Islet in culture media (Day 1)



DTZ staining (Day 1)