

Islet Isolation

HPAP001

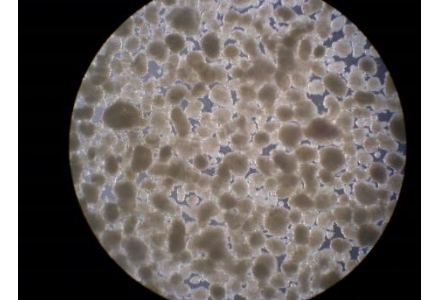
Date of Procurement/Cross Clamp Time	10/29/2016 / 15:13 (EST)
Date/Time Tissues Biopsy & Islet Isolation	10/29/2016 / 16:45 (EST)
Date/Time Intra Ductal Enzyme Infusion	10/29/2016 / 17:33 (EST)
¹ Cold Ischemia Time (CIT)	2 hrs 20 min
² DCD Donor Warm Ischemia Time	NA
Pancreas Condition	Fatty and very softer
Pancreas Weight (trimmed)	66.83 g
Total Islet Yield	277,386 IEQ
³ IEQ/g of Pancreas	4,150.62 IEQ/g
Islet Purity (%) & Yield	⁴ High purity (70%): 256,682 IEQ , Low purity (30%): 20,704 IEQ
Islet Viability	63%
GSIR (SI)	1.3
DNA Content (ng/IEQ)	9.26
Endotoxin (EU/ml)	1.17
Sterility Test	Negative (No Growth Of Bacteria Or Fungus After 14 Days)



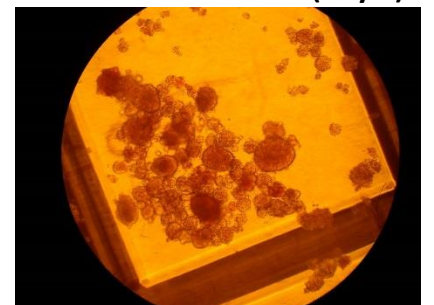
Pancreas (Pre trimming)



Pancreas (Lymph node)



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%