

Checklist for Reporting Human Islet Preparations Used in Research

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Title: Endogenous lipid-GPR120 signaling modulates pancreatic islet homeostasis to different extents

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Islet preparation	1	2	3	4	5	6	7	8 ^a	
MANDATORY INFORMATION									
Unique identifier	21135029	21150717	21056397	21065364	21030501	20149278			
Donor age (years)	35	48	49	39	52	46			
Donor sex (M/F)	М	М	М	М	М	М			
Donor BMI (kg/m²)	24.337	25.352	26.446	25.952	22.837	26.196			
Donor HbA _{1c} or other measure of blood glucose control	<5.6 mmol/L								

Origin/source of islets ^b	IIDP	IIDP	IIDP	IIDP	IIDP	IIDP		
Islet isolation centre	Qilu Hospital of Shandong University							
Donor history of diabetes? Yes/No	No	No	No	No	No	No		
If Yes, complete the next two lines if this information is available								
Diabetes duration (years)								
Glucose-lowering therapy at time of death ^c								

RECOMMENDED INFORMATION								
Donor cause of death								
Warm ischaemia time (h)								
Cold ischaemia time (h)								
Estimated purity (%)								

Estimated viability (%)				
Total culture time (h)d				
Glucose-stimulated insulin secretion or other functional measurement ^e				
Handpicked to purity? Yes/No				
Additional notes				

^aIf you have used more than eight islet preparations, please complete additional forms as necessary ^bFor example, IIDP, ECIT, Alberta IsletCore ^cPlease specify the therapy/therapies ^dTime of islet culture at the isolation centre, during shipment and at the receiving laboratory ^ePlease specify the test and the results