

## Checklist for Reporting Human Islet Preparations Used in Research

<b>Manuscript DOI:</b> DB20-0204	
<b>Title:</b> Epigenetic changes in Langerhans islets preceding the onset of diabetes	
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Islet preparation	1	2	3	4	5	6	7	8 <sup>a</sup>
MANDATORY INFORMATION								
Unique identifier	25	26	27	28	29	30	31	32
Donor age (years)	57	53	57	60	64	40	43	66
Donor sex (M/F)	Female	Female	Male	Male	Female	Male	Female	Male
Donor BMI (kg/m <sup>2</sup> )	34.6	26	23.7	24.6	26	25	28.7	34.2

Donor HbA <sub>1c</sub> or other measure of blood glucose control	51	37	34	27	38	37	53	86
Origin/source of islets <sup>b</sup>	The Nordic Network For Clinical Islet Transplantation	The Nordic Network For Clinical Islet Transplantation	The Nordic Network For Clinical Islet Transplantation	The Nordic Network For Clinical Islet Transplantation	The Nordic Network For Clinical Islet Transplantation	The Nordic Network For Clinical Islet Transplantation	The Nordic Network For Clinical Islet Transplantation	The Nordic Network For Clinical Islet Transplantation
Islet isolation centre	Uppsala	Uppsala	Uppsala	Uppsala	Uppsala	Uppsala	Uppsala	Uppsala
Donor history of diabetes? Yes/No	yes	no	no	no	no	no	no	yes
<b>If Yes, complete the next two lines if this information is available</b>								
Diabetes duration (years)								
Glucose-lowering therapy at time of death <sup>c</sup>								

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

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

<sup>a</sup>If you have used more than eight islet preparations, please complete additional forms as necessary

<sup>b</sup>For example, IIDP, ECIT, Alberta IsletCore

<sup>c</sup>Please specify the therapy/therapies

<sup>d</sup>Time of islet culture at the isolation centre, during shipment and at the receiving laboratory

<sup>e</sup>Please specify the test and the results