

NHS BLOOD AND TRANSPLANT**PANCREAS ADVISORY GROUP****AUDIT OF STANDARD CRITERIA FOR LISTING****SUMMARY****INTRODUCTION**

- 1 Selection criteria for patients onto the national pancreas transplant list were agreed to accompany the pancreas allocation scheme and ensure equitable access to pancreas transplantation in the UK. Adherence to the criteria has been audited via the Supplementary Pancreas/Islet Registration form since 1 May 2012. This paper reports form return rates and any patient listings that do not meet the agreed criteria.

FORM RETURN RATES

- 2 There were 220 registrations between 1 April 2022 - 31 March 2023, compared with 282 between 1 April 2021 – 31 March 2022. Nationally the return rates for the supplementary form have reached 83% for whole pancreas and 78% for islet registrations. This return rate ranged across centres from 51% to 100% for whole pancreas and 67% to 100% for islet registrations.

STANDARD LISTING CRITERIA

- 3 Of the 98 new supplementary forms received between 1 January 2023 - 31 July 2023, all patients met the standard listing criteria, and none needed to be approved by the Pancreas Advisory Group Exemptions Panel.

ACTIONS

- 4 Members are asked to return the completed Supplementary Pancreas/ Islet Registration form as soon as a patient is listed.
- 5 Members are reminded that patients who no longer meet the requirement for a priority islet listing (e.g routine graft has failed or reactivation to priority list following period of suspension is more than 12 months after routine transplant) need to be removed from the priority transplant list and activated on the routine list. Centres must telephone ODT Information Services when doing this to have the patient's accrued waiting time, from priority registration date, transferred to the routine registration.
- 6 For any patient transfer, between centres or transplant lists, it is essential that ODT Information Services are contacted by telephone (0117 975 7523) to ensure accrued waiting time is transferred correctly to the new registration. Following the telephone notification, the centre must then confirm changes in writing by sending an email to ODTRegistrationTeamManagers@nhsbt.nhs.uk.

NHS BLOOD AND TRANSPLANT

PANCREAS ADVISORY GROUP

AUDIT OF STANDARD CRITERIA FOR LISTING

INTRODUCTION

- 7 Selection criteria for patients onto the national pancreas transplant list were agreed to accompany the pancreas allocation scheme and ensure equitable access to pancreas transplantation in the UK. An audit of new registrations was proposed to ensure these criteria are being met and data collection commenced 1 May 2012. This paper reports form return rates between 1 April 2022 - 31 March 2023 and patient listings between 1 January 2023 - 31 July 2023 that do not meet the agreed criteria.

FORM RETURN RATES

- 8 **Table 1** shows the number of new registrations at each centre and the supplementary form return rates for the period 1 April 2022 - 31 March 2023. **Table 1** also shows the number of registrations that were within criteria or were approved by the Pancreas Advisory Group Exemptions Panel. Nationally, there were 197 new registrations for whole pancreas in the time period and the form return rate was 83% and ranged from 51% to 100% across the centres. For 23 new islet registrations in the time period the form return rate was 78% and ranged from 67% to 100% across centres.
- 9 Lists of registered patients with outstanding supplementary forms are sent out to centres each month.

Table 1 Centre specific return rates for the standard listing criteria form, 1 April 2022 - 31 March 2023

Vascularised pancreas	Number of new registrations	Forms returned		No. within criteria/ approved	
		N	%	N	%
Cambridge	28	26	93	26	100
Cardiff	16	16	100	16	100
Edinburgh	15	15	100	15	100
Guy's	28	22	79	22	100
Manchester	41	21	51	21	100
Newcastle	10	9	90	9	100
Oxford	55	51	93	51	100
WLRTC	4	4	100	4	100
Total	197	164	83	164	100
Pancreatic islet					
Edinburgh	7	7	100	7	100
Manchester	6	4	67	4	100
Newcastle	4	3	75	3	100
Oxford	6	4	67	4	100
Total	23	18	78	18	100

STANDARD LISTING CRITERIA

- 10 **Table 2** shows the number of patients, by registration type, for whom we have received a registration form between 1 January 2023 - 31 July 2023 and who met the standard listing criteria.
- 11 Of the 98 new supplementary forms received, 98 patients met the standard listing criteria.

Registration type	Number of new forms received	Outside criteria		Approved appeals		Outside criteria and not approved	
		N	(% of forms)	N	(% of forms)	N	(% of forms)
SIK	8	0	(0%)	0	(0%)	0	(0%)
SPK	82	0	(0%)	0	(0%)	0	(0%)
PTA	1	0	(0%)	0	(0%)	0	(0%)
ITA	2	0	(0%)	0	(0%)	0	(0%)
IAK	2	0	(0%)	0	(0%)	0	(0%)
Priority islet	3	0	(0%)	0	(0%)	0	(0%)
Total	98	0	(0%)	0	(0%)	0	(100%)

ACTION

- 12 Members are asked to return the completed Supplementary Pancreas/ Islet Registration form as soon as a patient is listed.
- 13 Members are reminded that patients who no longer meet the requirement for a priority islet listing (e.g routine graft has failed or reactivation to priority list following period of suspension is more than 12 months after routine transplant) need to be removed from the priority transplant list and activated on the routine list. Centres must telephone ODT Information Services when removing the patient from the priority list and activating them on the routine transplant list to have the patient's accrued waiting time, from priority registration date, transferred to the routine registration.
- 14 For any patient transfer between centres or transplant lists it is essential that ODT Information Services are contacted by telephone (0117 975 7523) to ensure accrued waiting time is transferred correctly to the new registration. Following the telephone notification, the centre must then confirm changes in writing by sending an email to ODTRegistrationTeamManagers@nhsbt.nhs.uk.

Appendix 1: Standard listing criteria by registration type

The standard listing criteria are:

Simultaneous kidney/ pancreas (SPK) and simultaneous kidney/ islet (SIK)

- a. All patients listed should have insulin treated diabetes
- b. Patients listed with type 2 diabetes must have a BMI of $\leq 30 \text{ kg/m}^2$
- c. Patients listed must be receiving dialysis or have a GFR of $\leq 20 \text{ ml/min}$

Pancreas transplant alone (PTA)

- a. All patients listed should have insulin treated diabetes
- b. Patients listed with type 2 diabetes must have a BMI of $\leq 30 \text{ kg/m}^2$
- c. At least 2 severe hypoglycaemic episodes in the last 24 months and be assessed by a diabetologist to have disabling hypoglycaemia

Pancreas after kidney (PAK)

- a. All patients listed should have insulin treated diabetes
- b. Patients listed with type 2 diabetes must have a BMI of $\leq 30 \text{ kg/m}^2$

Islet transplant alone (ITA)

- a. All patients listed should have insulin treated diabetes
- b. Patients should have type 1 diabetes or diabetes secondary to pancreatectomy / pancreatitis. All should have confirmed C-peptide negativity in presence of glucose $> 10 \text{ mmol/l}$
- c. At least 2 severe hypoglycaemic episodes in the last 24 months and be assessed by a diabetologist to have disabling hypoglycaemia

Islet after kidney (IAK)

- a. All patients listed should have insulin treated diabetes
- b. Patients should have type 1 diabetes or diabetes secondary to pancreatectomy / pancreatitis. All should have confirmed C-peptide negativity in presence of glucose $> 10 \text{ mmol/l}$
- c. A history of severe hypoglycaemia within the last 24 months or HbA1c $\geq 53 \text{ mmol/mol}$

Priority islet transplant (since 3 September 2014)

- a. All patients should be listed within 12 months of routine graft
- b. All patients should have a functioning routine graft (C-peptide $\geq 50 \text{ pmol/L}$) at the time of priority listing.