

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 254 registrations between 1 January 2023 - 31 December 2023, compared with 223 between 1 January 2022 – 31 December 2022. Nationally the return rates for the supplementary form have reached 70% for whole pancreas and 79% for islet registrations. This return rate ranged across centres from 41% to 100% for whole pancreas and 63% to 100% for islet registrations.

STANDARD LISTING CRITERIA

- 3 Of the 113 new supplementary forms received between 1 August 2023 - 31 December 2023, one (1%) patient did not meet the standard listing criteria. This patient was 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.
- 7 If a patient has been listed outside the criteria in error, members are reminded that these patients should be removed, as opposed to suspended, from the waiting list immediately unless an appeal is approved. This is to prevent these patients accruing waiting time on the list while suspended since they should not have been listed initially.

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PANCREAS ADVISORY GROUP

AUDIT OF STANDARD CRITERIA FOR LISTING

INTRODUCTION

- 8 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 January 2023 - 31 December 2023 and patient listings between 1 August 2023 - 31 December 2023 that did not meet the agreed criteria.

FORM RETURN RATES

- 9 **Table 1** shows the number of new registrations at each centre and the supplementary form return rates for the period 1 January 2023 - 31 December 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 220 new registrations for whole pancreas in the time period and the form return rate was 70% and ranged from 41% to 100% across the centres. For 34 new islet registrations in the time period the form return rate was 79% and ranged from 63% to 100% across centres.
- 10 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 January 2023 - 31 December 2023

Vascularised pancreas	Number of new registrations	Forms returned		No. within criteria/ approved	
		N	%	N	%
Cambridge	32	28	88	28	100
Cardiff	14	12	86	12	100
Edinburgh	26	22	85	22	100
Guy's	38	24	63	24	100
Manchester	44	18	41	18	100
Newcastle	7	4	57	4	100
Oxford	53	40	75	40	100
WLRTC	6	6	100	6	100
Total	220	154	70	154	100
Pancreatic islet					
Edinburgh	16	15	94	14	93
Manchester	8	5	63	5	100
Newcastle	2	2	100	2	100
Oxford	8	5	63	5	100
Total	34	27	79	26	96

STANDARD LISTING CRITERIA

- 11 **Table 2** shows the number of patients, by registration type, for whom we have received a registration form between 1 August 2023 - 31 December 2023 and who met the standard listing criteria.
- 12 Of the 113 new supplementary forms received, one (1%) patient did not meet the standard listing criteria. The one registration was deemed a clinical exception to the criteria and approved by members of the Pancreas Advisory Group appeals panel. The standard listing criteria are shown in **Appendix 1**.

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)
IAPK	2	0	-	0	-	0	-
SIK	7	0	-	0	-	0	-
SPK	94	0	-	0	-	0	-
PTA	2	0	-	0	-	0	-
PAK	3	0	-	0	-	0	-
ITA	3	1	(33%)	1	(100%)	0	-
Priority islet	2	0	-	0	-	0	-
Total	113	1	(1%)	1	(100%)	0	-

ACTION

- 13 Members are asked to return the completed Supplementary Pancreas/ Islet Registration form as soon as a patient is listed.
- 14 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.
- 15 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.
- 16 If a patient has been listed outside the criteria in error, members are reminded that these patients should be removed, as opposed to suspended, from the waiting list immediately unless an appeal is approved. This is to prevent these patients accruing waiting time on the list while suspended as they should not have been listed initially.

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 $\leq 20 \text{ mls/min}$

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 $\text{HbA1c} \geq 53 \text{ mmol/mol}$

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.