

Super-urgent/ Urgent Lung Recipient Registration

Directions for completion

- 1 This is a single copy, three-page form.
- 2 Please ensure all sections are completed in full.
- 3 **Do not use this form to register non-urgent cases** as all patients registered through this form will be registered as super-urgent or urgent. To register non-urgent lung patients use ODT Online or return a completed Heart/Lung Recipient Registration form (FRM4847) to ODT Hub: Information Services, NHS Blood and Transplant.
- 4 If completing by hand, please use BLOCK CAPITALS. When complete, please fax all pages of this form to ODT Hub Operations on 0117 975 7599 and then call 0117 975 7580 to confirm that the information has been sent. The original should be retained for your files.
- 5 If using the electronic version of the form please open a blank form, complete details, then click "Make Read Only" before selecting the "Submit Form" button which will automatically generate an email to odthub.operations@nhsbt.nhs.uk and odthuboperations.shiftmanagers@nhsbt.nhs.uk with the form attached. Send the email, then call 0117 975 7580 to confirm that the information has been sent. Save the original form for your record.
- 6 If the patient remains on the super-urgent or urgent list for more than one month, please complete and return the Super-urgent/Urgent Lung Recipient Monthly Update form (FRM5770) to ODT Hub: Information Services every month while the patient remains on the list.

LUNG DISEASE

20 - Idiopathic Pulmonary Arterial Hypertension
22 - Cystic Fibrosis
23 - Fibrosing Lung Disease
25 - Alpha - 1 - antitrypsin deficiency
26 - Sarcoid
27 - Emphysema
28 - Bronchiectasis
37 - Bronchiolitis Obliterans

61 - Eisenmenger's Syndrome – ASD
62 - Eisenmenger's Syndrome – VSD
63 - Eisenmenger's Syndrome – PDA
64 - Eisenmenger's Syndrome - other, please specify
70 - Other Congenital Heart/Lung Disease
98 - Other, not already listed above, please specify
99 - Unknown

ETHNIC GROUP

Recipient ethnicity

White

10-White - Welsh/English/ Scottish/Northern Irish/British
11-White - Irish
12-White - Gypsy or Irish Traveller
18-White - any other White background
19-White - unknown

Asian/Asian British

20-Asian/Asian British - Indian
21-Asian/Asian British - Pakistani
22-Asian/Asian British - Bangladeshi
23-Asian/Asian British - Chinese
28-Asian/Asian British - any other Asian background
29-Asian/Asian British - Unknown

Black/African/Caribbean/Black British

30-Black/African/Caribbean/Black British - African
31-Black/African/Caribbean/Black British - Caribbean
38-Black/African/Caribbean/Black British - any other Black/African/Caribbean background
39-Black/African/Caribbean/Black British - Unknown

Mixed/Multiple ethnic groups

60-Mixed/Multiple ethnic groups - White and Black Caribbean
61-Mixed/Multiple ethnic groups - White and Black African
62-Mixed/Multiple ethnic groups - White and Asian
68-Mixed/Multiple ethnic groups - any other Mixed/Multiple ethnic background

Other ethnic groups

70-Other ethnic group - Arab
78-Other ethnic group - any other ethnic group
99-Unknown

INDICATION FOR SUPER-URGENT LUNG REGISTRATION

- 91 - Category 91 - Patient supported with VV-ECMO or iLA as a bridge to transplant and previously registered on the Urgent Lung Allocation Scheme or the Non-urgent Lung Allocation Scheme.
- 92 - Category 92 - Patient outside the criteria listed above, but for whom the patient's transplant physicians believe super-urgent listing is justified. Agreement given by the CTAG (Lung) Adjudication Panel and evidence of agreement emailed to NHSBT.
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INDICATION FOR URGENT LUNG REGISTRATION

A patient who is suitable for acceptance on the transplant waiting list and displays or develops any one of the following characteristics. Many transplant candidates fulfilling the criteria listed below will likely require ongoing inpatient treatment. In principle, urgent candidates *may remain ambulant* at home but will require close monitoring as deemed necessary by the local transplant team.

1. COPD Patients

- 10 - Category 10 - Worsening hypoxia ($\text{PaO}_2 < 7.5 \text{ kPa}$) and hypercapnia ($\text{PaCO}_2 > 6.5 \text{ kPa}$) requiring increasing oxygen demand of $> 10 \text{ L/min}$ despite continuous NIV.
- 11 - Category 11 - pH persistently < 7.30 despite optimal continuous NIV.

2. CF Patients

- 21 - Category 21 - Worsening hypercapnic respiratory failure (e.g $\text{PaO}_2 < 7.5 \text{ kPa}$ and $\text{PaCO}_2 > 6.5 \text{ kPa}$) despite appropriate oxygen and maximal non-invasive ventilatory support (i.e optimal non-invasive ventilation or Optiflow).
- 22 - Category 22 - pH persistently < 7.30 despite optimal continuous NIV.
- 23 - Category 23 - Ongoing episodes of life-threatening haemoptysis despite bronchial artery intervention.

3. IPF Patients

- 31 - Category 31 - Increasing oxygen requirements at rest with persisting hypoxia ($\text{PaO}_2 < 8 \text{ kPa}$) despite continuous oxygen $> 5 \text{ L/min}$ or unable to maintain $\text{SpO}_2 \geq 88\%$ on a walk test despite supplemental oxygen of $> 8 \text{ L/min}$.

4. PAH patients

- 41 - Category 41 - Persistence in ERS high risk category status (> 3 relevant high-risk criteria on the ERS PAH risk calculator) despite optimal pulmonary vasodilator therapy.
- 42 - Category 42 - Current hospitalisation for decompensated heart failure despite maximum tolerated medical therapy including IV prostaglandin therapy, diuretics +/- inotropes.
- 43 - Category 43 - RHC within 3 months demonstrating a RAP $> 20 \text{ mmHg}$ and CI $< 2.0 \text{ L/min/m}^2$ despite optimisation of therapy.

5. Other Adult Patients

- 59 - Category 59 - Adult, Other: Adult patients outside the criteria listed above, but for whom the patient's transplant physicians believe urgent listing is justified using acceptable medical criteria not included above. Documentation of the reasons justifying assigning urgent status should be detailed and agreed by the Cardiothoracic Advisory Group (CTAG) Adjudication Panel.

6. Other Paediatric Patients

- 69 - Category 69 - Paediatric, Other: Paediatric patients outside the criteria listed above, but for whom the patient's transplant physicians believe urgent listing is justified using acceptable medical criteria not included above. Documentation of the reasons justifying assigning urgent status should be detailed and agreed by the Chair of CTAG and a representative from each of the two paediatric centres.

Super-urgent/Urgent Lung Recipient Registration

Section 1

We have a SUPER-URGENT/URGENT Lung Recipient to register with you

Which scheme do you wish to register this recipient on? Urgent = U Super-urgent = S ☐

The following patients require approval from the CTAG Adjudication Panel in order for the registration to be processed:

- Super-urgent registrations under category 92
- Urgent adult registrations under category 59
- Urgent paediatric registrations under category 69

Does the patient meet any of these criteria? (not entered onto NTxD) No = 1 Yes = 2 ☐

Was approval given? (not entered onto NTxD) Not applicable = 1 Yes = 2 ☐

Date approval given (not entered onto NTxD)

Please ensure approval from CTAG Adjudication Panel is sent with this form to avoid delays in registration

RECIPIENT DETAILS

Section 2

Centre code

Transplant centre

ODT Recipient number (NHSBT to complete)

Date of birth

Sex Male = 1 Female = 2 ☐

Blood group including, where known, subtypes of A ABO Rh Neg = N Pos = P Unknown = U ☐

VIROLOGY

Negative = 1

Positive = 2

Not tested = 7

Unknown = 9

CMV (IgG) status ☐

HCV status ☐

HIV status ☐

If HbSAg positive, HbCAb Negative = 1 Positive = 2 ☐

HbSAg status ☐

Other virus status ☐

If other virus, please specify

Adult and paediatric patients meeting the following criteria will NOT be eligible:

- Patients from countries outside Group 1
- Patients who received a previous lung transplant
- Patients within 24 hours of ECMO and unstable
- Patients on ECMO who have had an identifiable new neurological event who remain unconscious and obtunded with a likely permanent and significant neurological deficit e.g. hemiparesis/plegia
- Acute uncontrolled sepsis
- Oliguric acute renal failure requiring dialysis (including filtration)

REGISTRATION DETAILS

Section 3

Code the recipient's primary disease (See codes inside cover) 3

If code 64 or 98, please specify

PHYSICAL CHARACTERISTICS

Recipient height cm

Recipient weight kg

Acceptable donor height Male donor cm cm Female donor cm cm

For all patients, acceptable donor height ranges must be specified or registrations will not be accepted.

Super-urgent/Urgent Lung Recipient Registration

Centre code Transplant centre ODT Recipient number (NHSBT to complete)

INDICATION FOR REGISTRATION

Section 4

CATEGORY (See codes inside cover)

Note: categories **92**, **59** and **69** require approval from the CTAG Adjudication Panel

CLINICAL STATUS AND INVESTIGATION RESULTS

Is the patient already on NHSBT waiting list?	No = 1 Yes = 2	☐	FiO ₂	Not measured = 77		L/min
Is the patient an inpatient in level 2 critical care or higher (CCU, HDU or ITU)?	No = 1 Yes = 2	☐	PaO ₂	Not measured = 77.7	.	kPa
IPPV	No = 1 Yes = 2	☐	PaCO ₂	Not measured = 77.7	.	kPa
ECMO	No = 1 Yes = 2	☐	pH	Not measured = 7.77	.	
iLA	No = 1 Yes = 2	☐	Serum creatinine	Not measured = 7777		μmol/L
NIV	No = 1 Yes = 2	☐	White cell count	Not measured = 777.7	.	x10 ⁹ /L
RAP > 20 mmHg	No = 1 Yes = 2	☐	C-reactive protein	Not measured = 777		mg/L
CI < 2 L/min/m ²	No = 1 Yes = 2	☐	Serum bilirubin	Not measured = 777		μmol/L

DRUG THERAPY

Dopamine	No = 1 Yes = 2	☐	If YES, give dose	Unknown = 99.9	.	μg/kg/min
Dobutamine	No = 1 Yes = 2	☐	If YES, give dose	Unknown = 99.9	.	μg/kg/min
Epinephrine	No = 1 Yes = 2	☐	If YES, give dose	Unknown = 9.99	.	μg/kg/min
Milrinone	No = 1 Yes = 2	☐	If YES, give dose	Unknown = 9.9	.	μg/kg/min
IV Epoprostenol	No = 1 Yes = 2	☐	If YES, give dose	Unknown = 99		ng/kg/min
IV Treprostinil	No = 1 Yes = 2	☐	If YES, give dose	Unknown = 99		ng/kg/min
Diuretics	No = 1 Yes = 2	☐	If YES, Please specify	Give dose	Unknown = 999	mg/24hours

Other drug therapy

CONFIRMATION OF ELIGIBILITY

Section 5

Name of consultant confirming eligibility for the scheme		
Form completed by		
Contact telephone number		
Signature		Date 20

Super-urgent/Urgent Lung Recipient Registration

Centre code Transplant centre ODT Recipient number
(NHSBT to complete)

CONFIDENTIAL RECIPIENT DETAILS

Section 6

Recipient surname

Please print

Recipient forename(s)

Please print

NHS number

Hospital number

Country of permanent residence

Please print

If UK or Republic of Ireland
(ROI), permanent address

Postcode
(IR99 9IR for ROI address)

Ethnic origin (See codes inside cover)

If mixed or other,
please specify

FOR HUB OPERATIONS USE ONLY

Section 7

ACTION

INITIALS

Call received and form details confirmed:

Scanned with PID and without PID:

Page one sent:

Fax/Email sent:

Copy saved registration in F drive:

Passed to manager:

First entry:

Name

Signature

Date

Second entry:

Name

Signature

Date