

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 | 61 - Eisenmenger's Syndrome – ASD |
| 22 - Cystic Fibrosis | 62 - Eisenmenger's Syndrome – VSD |
| 23 - Fibrosing Lung Disease | 63 - Eisenmenger's Syndrome – PDA |
| 25 - Alpha - 1 - antitrypsin deficiency | 64 - Eisenmenger's Syndrome - other, please specify |
| 26 - Sarcoid | 70 - Other Congenital Heart/Lung Disease |
| 27 - Emphysema | 98 - Other, not already listed above, please specify |
| 28 - Bronchiectasis | 99 - Unknown |
| 37 - Bronchiolitis Obliterans | |
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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 ($\text{PaO}_2 < 7.5$ kPa) and hypercapnia ($\text{PaCO}_2 > 6.5$ kPa) requiring increasing oxygen demand of > 10 L/min despite continuous NIV.
- 11 - Category 11 - pH persistently < 7.30 despite optimal continuous NIV.
- 12 - Category 12 - Refractory right heart failure despite all pharmacological interventions to support the right ventricle.

2. CF Patients

- 21 - Category 21 - Worsening hypoxia ($\text{PaO}_2 < 7.5$ kPa) and hypercapnia ($\text{PaCO}_2 > 6.5$ kPa) requiring increasing oxygen demand of > 10 L/min despite continuous NIV.
- 22 - Category 22 - pH persistently < 7.30 despite optimal continuous NIV.
- 23 - Category 23 - Refractory right heart failure despite all pharmacological interventions to support the right ventricle.
- 24 - Category 24 - Ongoing episodes of massive haemoptysis despite bronchial embolisation.

3. IPF Patients

- 31 - Category 31 - Persisting hypoxia ($\text{PO}_2 < 8$ kPa) despite continuous O_2 at 10 L/min.
- 32 - Category 32 - Refractory right heart failure despite all pharmacological interventions to support the right ventricle.

4. PAH patients

- 41 - Category 41 - Worsening refractory right heart failure as defined by increasing fluid retention despite optimal medical management with disease modifying therapy and diuretics.
- 42 - Category 42 - Requirement for continuous IV inotropic support.
- 43 - Category 43 - Recent RHC $\text{RAP} > 20$ mmHg and $\text{CI} < 2.0$ L/min/m² despite optimisation of therapy. RHC data need to be recent, within 3 months of request to add to urgent list.

INDICATION FOR URGENT LUNG REGISTRATION (continued)

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

Was approval given?
(not entered onto NTxD)

Not applicable = 1
Yes = 2

Date approval given
(not entered onto NTxD)

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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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

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)

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

REGISTRATION DETAILS

Section 3

Code the recipient's primary disease 3
(See codes inside cover) If code 64 or 98, please specify

PHYSICAL CHARACTERISTICS

Recipient height cm

Recipient weight kg

		Minimum		Maximum	
Acceptable donor height	Male donor	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	cm	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	cm
	Female donor	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	cm	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	cm

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

Your centre code should be quoted on all pages

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

DRUG THERAPY

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

Other drug therapy

CONFIRMATION OF ELIGIBILITY **Section 5**

Name of consultant confirming eligibility for the scheme Full name - please print

Form completed by Full name - please print

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 White = 1
Asian or Asian British = 2
Black or Black British = 3 Chinese = 4
Mixed, please specify = 6
Other, please specify = 7
Unknown = 9 If code 6 or 7,
please specify

FOR HUB OPERATIONS USE ONLY

Section 7

ACTION	INITIALS
Call received and form details confirmed:	<input type="text"/>
Scanned with PID and without PID:	<input type="text"/>
Page one sent:	<input type="text"/>
Fax/Email sent:	<input type="text"/>
Copy saved registration in F drive:	<input type="text"/>
Passed to manager:	<input type="text"/>
First entry: Name	<input type="text"/>
Signature	<input type="text"/>
Date	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 2 0 <input type="text"/> <input type="text"/>
Second entry: Name	<input type="text"/>
Signature	<input type="text"/>
Date	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 2 0 <input type="text"/> <input type="text"/>