

POLICY NOTICE

Eliminate the Use of DSAs in Thoracic Distribution

Sponsoring Committee:	Thoracic Transplantation Committee
Policies Affected:	<i>Policies 1.2: Definitions; 5.10.C: Other Multi-Organ Combinations; 6.4.A.ii: Committee Appeals; 6.4.B: Exceptions to Allocation for Sensitized Patients; 6.6.A: Allocation of Hearts by Blood Type; 6.6.D: Allocation of Hearts from Donors at Least 18 years Old; 6.6.E: Allocation of Hearts from Donors Less Than 18 Years Old; 10.4.C: Allocation of Lungs from Deceased Donors at Least 18 Years Old; 10.4.D: Allocation of Lungs from Deceased Donors Less Than 18 Years Old</i>
Public Comment:	January 22, 2019 to March 22, 2019
Board Approved:	June 10, 2019
Effective:	Pending programming and notice to OPTN members

Problem Statement

In December 2018, the OPTN Board of Directors directed the organ-specific committees to replace the use of Donation Service Areas (DSA) and regions in allocation policies with a rationally determined substitute that could be consistently applied and aligns with the Final Rule.

Summary of Changes

The Board approved a single, fixed geographic distance model for heart distribution. DSAs are replaced with a 250 nautical mile (NM) fixed distance circle from the donor hospital. In addition, the Board approved removing policy language that permits prioritization of sensitized candidates within a DSA. The Board also approved removing the term “zone” from OPTN policies and replacing its use with actual NM distances.

What Members Need to Do

Transplant Programs

Heart transplant programs will continue to receive offers from current, as well as new Organ Procurement Organizations (OPOs). Transplant programs may need to develop working relationships with OPOs outside their DSAs for organ travel in order to obtain needed donor information and coordinate organ recovery. Programs may also need to adjust current operations to account for new partnerships and communication requirements. Transplant programs may also want to review their operations regarding travel mode.

OPOs

OPOs will continue to make offers with current, as well as new transplant programs according to match runs. OPOs may need to develop relationships with transplant programs outside their DSAs. In addition, OPOs will need to review their existing practices based on the new heart allocation sequencing.

Affected Policy Language:

New language is underlined (example) and language that is deleted is struck through (~~example~~).

1.2 Definitions

Zone

~~A geographical area used in the allocation of certain organs.~~

~~The allocation of hearts uses the following five concentric bands:~~

~~Zone A — Includes all transplant hospitals within 500 nautical miles of the donor hospital but outside of the donor hospital's DSA.~~

~~Zone B — All transplant hospitals within 1,000 nautical miles of the donor hospital but outside of Zone A and the donor hospital's DSA.~~

~~Zone C — All transplant hospitals within 1,500 nautical miles of the donor hospital but outside of Zone B and the donor hospital's DSA.~~

~~Zone D — All transplant hospitals within 2,500 nautical miles of the donor hospital but outside of Zone C.~~

~~Zone E — All transplant hospitals more than 2,500 nautical miles from the donor hospital.~~

~~The allocation of lungs uses the following six concentric bands:~~

~~Zone A — Includes all transplant hospitals within 250 nautical miles of the donor hospital.~~

~~Zone B — All transplant hospitals within 500 nautical miles of the donor hospital but outside of Zone A.~~

~~Zone C — All transplant hospitals within 1,000 nautical miles of the donor hospital but outside of Zone B.~~

~~Zone D — All transplant hospitals within 1,500 nautical miles of the donor hospital but outside of Zone C.~~

~~Zone E — All transplant hospitals within 2,500 nautical miles of the donor hospital but outside of Zone D.~~

~~Zone F — All transplant hospitals more than 2,500 nautical miles from the donor hospital.~~

5.10 Allocation of Multi-Organ Combinations

5.10.C Other Multi-Organ Combinations

When multi-organ candidates are registered on the heart, lung, or liver waiting list, the second required organ will be allocated to the multi-organ candidate from the same donor according to *Table 5-4* below:

Table 5-4: Allocation of Multi-Organ Combinations

Organ	Candidate is registered within the following geographical area:
Heart	Same DSA as <u>250 nautical miles from the donor hospital</u>
Liver	150 nautical miles from the donor hospital
Lung	250 nautical miles from the donor hospital

If the multi-organ candidate is on a waiting list outside the geographical areas listed above, it is permissible to allocate the second organ to the multi-organ candidate receiving the first organ.

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6.4.A. RRB and Committee Review of Status Exceptions

6.4.A.ii Committee Appeals

If the RRB denies the appeal, the candidate’s transplant program must within 1 day of receiving notification of the denied ~~Zone~~ appeal either appeal to the Thoracic Organ Transplantation Committee or assign the candidate to the status for which the candidate qualifies. If the Thoracic Committee agrees with the RRB’s decision, the candidate’s transplant program must assign the candidate to the status for which the candidate qualifies within 1 day of receiving notification of the denied Committee appeal. If the transplant program does not assign the candidate to the status for which the candidate qualifies within 1 day of receiving notification of the denied Committee appeal, then the Committee will refer the case to the MPSC.

~~6.4.B Exceptions to Allocation for Sensitized Patients~~

~~An OPO may allocate a heart to sensitized candidates within a DSA out of sequence within a status as defined in *Policy 6.6: Heart Allocation Classifications and Rankings* if all of the following are true:~~

- ~~1. The candidate’s transplant surgeon or physician determines that the candidate’s antibodies would react adversely to certain human leukocyte antigens (HLA).~~
- ~~2. All heart transplant programs and the OPO within the DSA agree to allocate a heart from a compatible deceased donor to the sensitized candidate.~~
- ~~3. The candidate’s transplant program, all heart transplant programs, and the OPO within the DSA agree upon the level of sensitization at which a candidate qualifies for the sensitization exception.~~

~~The sensitized candidate can only be prioritized ahead of candidates with the same status and within the same DSA. Sensitization alone does not qualify a candidate to be assigned any status exception as described in *Policy 6.4: Adult and Pediatric Status Exceptions* above.~~

6.6.A Allocation of Hearts by Blood Type

~~Within each heart status and geographical zone classification, hearts are first allocated to primary blood type candidates then to secondary blood type candidates according to the blood type matching requirements in *Table 6-4* below.~~

Table 6-4: Blood Type Matching Prioritization for Heart Allocation

Hearts from Deceased Donors with:	Are Allocated to Primary Candidates defined as:	Then to Secondary Candidates, defined as:
Blood Type O	Blood type O or blood type B	Blood type A or blood type AB
Blood Type A	Blood type A or blood type AB	Not applicable
Blood Type B	Blood type B or blood type AB	Not applicable
Blood Type AB	Blood type AB	Not applicable

Pediatric candidates that are less than one year old at the time of the match run, including candidates eligible to receive a heart from an intended blood group incompatible deceased donor, will be classified as a primary blood type match candidate.

Pediatric candidates that are at least one year of age at the time of the match run but registered before their second birthday and are eligible to receive a heart from an intended blood group incompatible deceased donor will be classified as a secondary blood type match candidate, unless they are a primary

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blood type match candidate according to *Table 6-4*.

6.6.D Allocation of Hearts from Donors at Least 18 years Old

Hearts from deceased donors at least 18 years old are allocated to candidates according to *Table 6-7* below.

Table 6-7: Allocation of Hearts from Deceased Donors At Least 18 Years Old

Classification	Candidates that are within the	And are: registered at a transplant hospital that is within this distance from the donor hospital
1	Adult status 1 or pediatric status 1A and primary blood type match with the donor	OPO's DSA or Zone A — <u>500NM</u>
2	Adult status 1 or pediatric status 1A and secondary blood type match with the donor	OPO's DSA or Zone A — <u>500NM</u>
3	Adult status 2 and primary blood type match with the donor	OPO's DSA or Zone A — <u>500NM</u>
4	Adult status 2 and secondary blood type match with the donor	OPO's DSA or Zone A — <u>500NM</u>
5	Adult status 3 or pediatric status 1B and primary blood type match with the donor	OPO's DSA <u>250NM</u>
6	Adult status 3 or pediatric status 1B and secondary blood type match with the donor	OPO's DSA <u>250NM</u>
7	Adult status 1 or pediatric status 1A and primary blood type match with the donor	Zone B <u>1000NM</u>
8	Adult status 1 or pediatric status 1A and secondary blood type match with the donor	Zone B <u>1000NM</u>
9	Adult status 2 and primary blood type match with the donor	Zone B <u>1000NM</u>
10	Adult status 2 and secondary blood type match with the donor	Zone B <u>1000NM</u>
11	Adult status 4 and primary blood type match with the donor	OPO's DSA <u>250NM</u>
12	Adult status 4 and secondary blood type match with the donor	OPO's DSA <u>250NM</u>
13	Adult status 3 or pediatric status 1B and primary blood type match with the donor	Zone A <u>500NM</u>
14	Adult status 3 or pediatric status 1B and secondary blood type match with the donor	Zone A <u>500NM</u>

Classification	Candidates that are within the	are registered at a transplant hospital that is within this distance from the donor hospital
15	Adult status 5 and primary blood type match with the donor	OPO's DSA <u>250NM</u>
16	Adult status 5 and secondary blood type match with the donor	OPO's DSA <u>250NM</u>
17	Adult status 3 or pediatric status 1B and primary blood type match with the donor	Zone B <u>1000NM</u>
18	Adult status 3 or pediatric status 1B and secondary blood type match with the donor	Zone B <u>1000NM</u>
19	Adult status 6 or pediatric status 2 and primary blood type match with the donor	OPO's DSA <u>250NM</u>
20	Adult status 6 and pediatric status 2 and secondary blood type match with the donor	OPO's DSA <u>250NM</u>
21	Adult status 1 or pediatric status 1A and primary blood type match with the donor	Zone C <u>1500NM</u>
22	Adult status 1 or pediatric status 1A and secondary blood type match with the donor	Zone C <u>1500NM</u>
23	Adult status 2 and primary blood type match with the donor	Zone C <u>1500NM</u>
24	Adult status 2 and secondary blood type match with the donor	Zone C <u>1500NM</u>
25	Adult status 3 or pediatric status 1B and primary blood type match with the donor	Zone C <u>1500NM</u>
26	Adult status 3 or pediatric status 1B and secondary blood type match with the donor	Zone C <u>1500NM</u>
27	Adult status 4 and primary blood type match with the donor	Zone A <u>500NM</u>
28	Adult status 4 and secondary blood type match with the donor	Zone A <u>500NM</u>
29	Adult status 5 and primary blood type match with the donor	Zone A <u>500NM</u>
30	Adult status 5 and secondary blood type match with the donor	Zone A <u>500NM</u>
31	Adult status 6 or pediatric status 2 and primary blood type match with the donor	Zone A <u>500NM</u>

Classification	Candidates that are within the	are registered at a transplant hospital that is within this distance from the donor hospital
32	Adult status 6 or pediatric status 2 and secondary blood type match with the donor	Zone A <u>500NM</u>
33	Adult status 1 or pediatric status 1A and primary blood type match with the donor	Zone D <u>2500NM</u>
34	Adult status 1 or pediatric status 1A and secondary blood type match with the donor	Zone D <u>2500NM</u>
35	Adult status 2 and primary blood type match with the donor	Zone D <u>2500NM</u>
36	Adult status 2 and secondary blood type match with the donor	Zone D <u>2500NM</u>
37	Adult status 3 or pediatric status 1B and primary blood type match with the donor	Zone D <u>2500NM</u>
38	Adult status 3 or pediatric status 1B and secondary blood type match with the donor	Zone D <u>2500NM</u>
39	Adult status 4 and primary blood type match with the donor	Zone B <u>1000NM</u>
40	Adult status 4 and secondary blood type match with the donor	Zone B <u>1000NM</u>
41	Adult status 5 and primary blood type match with the donor	Zone B <u>1000NM</u>
42	Adult status 5 and secondary blood type match with the donor	Zone B <u>1000NM</u>
43	Adult status 6 or pediatric status 2 and primary blood type match with the donor	Zone B <u>1000NM</u>
44	Adult status 6 or pediatric status 2 and secondary blood type match with the donor	Zone B <u>1000NM</u>
45	Adult status 1 or pediatric status 1A and primary blood type match with the donor	Zone E <u>Nation</u>
46	Adult status 1 or pediatric status 1A and secondary blood type match with the donor	Zone E <u>Nation</u>
47	Adult status 2 and primary blood type match with the donor	Zone E <u>Nation</u>
48	Adult status 2 and secondary blood type match with the donor	Zone E <u>Nation</u>

Classification	Candidates that are within the	are registered at a transplant hospital that is within this distance from the donor hospital
49	Adult status 3 or pediatric status 1B and primary blood type match with the donor	Zone E <u>Nation</u>
50	Adult status 3 or pediatric status 1B and secondary blood type match with the donor	Zone E <u>Nation</u>
51	Adult status 4 and primary blood type match with the donor	Zone C <u>1500NM</u>
52	Adult status 4 and secondary blood type match with the donor	Zone C <u>1500NM</u>
53	Adult status 5 and primary blood type match with the donor	Zone C <u>1500NM</u>
54	Adult status 5 and secondary blood type match with the donor	Zone C <u>1500NM</u>
55	Adult status 6 or pediatric status 2 and primary blood type match with the donor	Zone C <u>1500NM</u>
56	Adult status 6 or pediatric status 2 and secondary blood type match with the donor	Zone C <u>1500NM</u>
57	Adult status 4 and primary blood type match with the donor	Zone D <u>2500NM</u>
58	Adult status 4 and secondary blood type match with the donor	Zone D <u>2500NM</u>
59	Adult status 5 and primary blood type match with the donor	Zone D <u>2500NM</u>
60	Adult status 5 and secondary blood type match with the donor	Zone D <u>2500NM</u>
61	Adult status 6 or pediatric status 2 and primary blood type match with the donor	Zone D <u>2500NM</u>
62	Adult status 6 or pediatric status 2 and secondary blood type match with the donor	Zone D <u>2500NM</u>
63	Adult status 4 and primary blood type match with the donor	Zone E <u>Nation</u>
64	Adult status 4 and secondary blood type match with the donor	Zone E <u>Nation</u>
65	Adult status 5 and primary blood type match with the donor	Zone E <u>Nation</u>
66	Adult status 5 and secondary blood type match with the donor	Zone E <u>Nation</u>

Classification	Candidates that are within the	And are: <u>registered at a transplant hospital that is within this distance from the donor hospital</u>
67	Adult status 6 or pediatric status 2 and primary blood type match with the donor	Zone E <u>Nation</u>
68	Adult status 6 or pediatric status 2 and secondary blood type match with the donor	Zone E <u>Nation</u>

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6.6.E Allocation of Hearts from Donors Less Than 18 Years Old

A heart from a pediatric donor will be allocated to a pediatric heart candidate by status and geographical location before being allocated to a candidate at least 18 years old according to *Table 6-8* below.

Table 6-8: Allocation of Hearts from Donors Less Than 18 Years Old

Classification	Candidates that are within the	And are: <u>registered at a transplant hospital that is within this distance from the donor hospital</u>
1	Pediatric status 1A and primary blood type match with the donor	OPO's DSA or Zone A <u>500NM</u>
2	Pediatric status 1A and secondary blood type match with the donor	OPO's DSA or Zone A <u>500NM</u>
3	Adult status 1 and primary blood type match with the donor	OPO's DSA <u>250NM</u>
4	Adult status 1 and secondary blood type match with the donor	OPO's DSA <u>250NM</u>
5	Adult status 2 and primary blood type match with the donor	OPO's DSA <u>250NM</u>
6	Adult status 2 and secondary blood type match with the donor	OPO's DSA <u>250NM</u>
7	Pediatric status 1B and primary blood type match with the donor	OPO's DSA or Zone A <u>500NM</u>
8	Pediatric status 1B and secondary blood type match with the donor	OPO's DSA or Zone A <u>500NM</u>
9	Adult status 1 and primary blood type match with the donor	OPO's DSA or Zone A <u>500NM</u>
10	Adult status 1 and secondary blood type match with the donor	OPO's DSA or Zone A <u>500NM</u>
11	Adult status 2 and primary blood type match with the donor	OPO's DSA or Zone A <u>500NM</u>
12	Adult status 2 and secondary blood type match with the donor	OPO's DSA or Zone A <u>500NM</u>

Classification	Candidates that are within the	are registered at a transplant hospital that is within this distance from the donor hospital
13	Adult status 3 and primary blood type match with the donor	OPO's DSA <u>250NM</u>
14	Adult status 3 and secondary blood type match with the donor	OPO's DSA <u>250NM</u>
15	Adult status 4 and primary blood type match with the donor	OPO's DSA <u>250NM</u>
16	Adult status 4 and secondary blood type match with the donor	OPO's DSA <u>250NM</u>
17	Adult status 5 and primary blood type match with the donor	OPO's DSA <u>250NM</u>
18	Adult status 5 and secondary blood type match with the donor	OPO's DSA <u>250NM</u>
19	Adult status 3 and primary blood type match with the donor	Zone A <u>500NM</u>
20	Adult status 3 and secondary blood type match with the donor	Zone A <u>500NM</u>
21	Adult status 4 and primary blood type match with the donor	Zone A <u>500NM</u>
22	Adult status 4 and secondary blood type match with the donor	Zone A <u>500NM</u>
23	Adult status 5 and primary blood type match with the donor	Zone A <u>500NM</u>
24	Adult Status 5 and secondary blood type match with the donor	Zone A <u>500NM</u>
25	Pediatric status 2 and primary blood type match with the donor	OPO's DSA <u>250NM</u>
26	Pediatric status 2 and secondary blood type match with the donor	OPO's DSA <u>250NM</u>
27	Adult status 6 and primary blood type match with the donor	OPO's DSA <u>250NM</u>
28	Adult status 6 and secondary blood type match with the donor	OPO's DSA <u>250NM</u>
29	Pediatric status 1A and primary blood type match with the donor	Zone B <u>1000NM</u>
30	Pediatric status 1A and secondary blood type match with the donor	Zone B <u>1000NM</u>

Classification	Candidates that are within the	are registered at a transplant hospital that is within this distance from the donor hospital
31	Adult status 1 and primary blood type match with the donor	Zone B <u>1000NM</u>
32	Adult status 1 and secondary blood type match with the donor	Zone B <u>1000NM</u>
33	Adult status 2 and primary blood type match with the donor	Zone B <u>1000NM</u>
34	Adult status 2 and secondary blood type match with the donor	Zone B <u>1000NM</u>
35	Pediatric status 1B and primary blood type match with the donor	Zone B <u>1000NM</u>
36	Pediatric status 1B and secondary blood type match with the donor	Zone B <u>1000NM</u>
37	Adult status 3 and primary blood type match with the donor	Zone B <u>1000NM</u>
38	Adult status 3 and secondary blood type match with the donor	Zone B <u>1000NM</u>
39	Adult status 4 and primary blood type match with the donor	Zone B <u>1000NM</u>
40	Adult status 4 and secondary blood type match with the donor	Zone B <u>1000NM</u>
41	Adult status 5 and primary blood type match with the donor	Zone B <u>1000NM</u>
42	Adult status 5 and secondary blood type match with the donor	Zone B <u>1000NM</u>
43	Pediatric status 2 and primary blood type match with the donor	Zone A <u>500NM</u>
44	Pediatric status 2 and secondary blood type match with the donor	Zone A <u>500NM</u>
45	Adult status 6 and primary blood type match with the donor	Zone A <u>500NM</u>
46	Adult status 6 and secondary blood type match with the donor	Zone A <u>500NM</u>
47	Pediatric status 2 and primary blood type match with the donor	Zone B <u>1000NM</u>
48	Pediatric status 2 and secondary blood type match with the donor	Zone B <u>1000NM</u>

Classification	Candidates that are within the	are registered at a transplant hospital that is within this distance from the donor hospital
49	Adult status 6 and primary blood type match with the donor	Zone B <u>1000NM</u>
50	Adult status 6 and secondary blood type match with the donor	Zone B <u>1000NM</u>
51	Pediatric status 1A and primary blood type match with the donor	Zone C <u>1500NM</u>
52	Pediatric status 1A and secondary blood type match with the donor	Zone C <u>1500NM</u>
53	Adult status 1 and primary blood type match with the donor	Zone C <u>1500NM</u>
54	Adult status 1 and secondary blood type match with the donor	Zone C <u>1500NM</u>
55	Adult status 2 and primary blood type match with the donor	Zone C <u>1500NM</u>
56	Adult status 2 and secondary blood type match with the donor	Zone C <u>1500NM</u>
57	Pediatric status 1B and primary blood type match with the donor	Zone C <u>1500NM</u>
58	Pediatric status 1B and secondary blood type match with the donor	Zone C <u>1500NM</u>
59	Adult status 3 and primary blood type match with the donor	Zone C <u>1500NM</u>
60	Adult status 3 and secondary blood type match with the donor	Zone C <u>1500NM</u>
61	Adult status 4 and primary blood type match with the donor	Zone C <u>1500NM</u>
62	Adult status 4 and secondary blood type match with the donor	Zone C <u>1500NM</u>
63	Adult status 5 and primary blood type match with the donor	Zone C <u>1500NM</u>
64	Adult status 5 and secondary blood type match with the donor	Zone C <u>1500NM</u>
65	Pediatric status 2 and primary blood type match with the donor	Zone C <u>1500NM</u>
66	Pediatric status 2 and secondary blood type match with the donor	Zone C <u>1500NM</u>

Classification	Candidates that are within the	are registered at a transplant hospital that is within this distance from the donor hospital
67	Adult status 6 and primary blood type match with the donor	Zone C <u>1500NM</u>
68	Adult status 6 and secondary blood type match with the donor	Zone C <u>1500NM</u>
69	Pediatric status 1A and primary blood type match with the donor	Zone D <u>2500NM</u>
70	Pediatric status 1A and secondary blood type match with the donor	Zone D <u>2500NM</u>
71	Adult status 1 and primary blood type match with the donor	Zone D <u>2500NM</u>
72	Adult status 1 and secondary blood type match with the donor	Zone D <u>2500NM</u>
73	Adult status 2 and primary blood type match with the donor	Zone D <u>2500NM</u>
74	Adult status 2 and secondary blood type match with the donor	Zone D <u>2500NM</u>
75	Pediatric status 1B and primary blood type match with the donor	Zone D <u>2500NM</u>
76	Pediatric status 1B and secondary blood type match with the donor	Zone D <u>2500NM</u>
77	Adult status 3 and primary blood type match with the donor	Zone D <u>2500NM</u>
78	Adult status 3 and secondary blood type match with the donor	Zone D <u>2500NM</u>
79	Adult status 4 and primary blood type match with the donor	Zone D <u>2500NM</u>
80	Adult status 4 and secondary blood type match with the donor	Zone D <u>2500NM</u>
81	Adult status 5 and primary blood type match with the donor	Zone D <u>2500NM</u>
82	Adult status 5 and secondary blood type match with the donor	Zone D <u>2500NM</u>
83	Pediatric status 2 and primary blood type match with the donor	Zone D <u>2500NM</u>
84	Pediatric status 2 and secondary blood type match with the donor	Zone D <u>2500NM</u>

Classification	Candidates that are within the	And are: registered at a transplant hospital that is within this distance from the donor hospital
85	Adult status 6 and primary blood type match with the donor	Zone D <u>2500NM</u>
86	Adult status 6 and secondary blood type match with the donor	Zone D <u>2500NM</u>
87	Pediatric status 1A and primary blood type match with the donor	Zone E <u>Nation</u>
88	Pediatric status 1A and secondary blood type match with the donor	Zone E <u>Nation</u>
89	Adult status 1 and primary blood type match with the donor	Zone E <u>Nation</u>
90	Adult status 1 and secondary blood type match with the donor	Zone E <u>Nation</u>
91	Adult status 2 and primary blood type match with the donor	Zone E <u>Nation</u>
92	Adult status 2 and secondary blood type match with the donor	Zone E <u>Nation</u>
93	Pediatric status 1B and primary blood type match with the donor	Zone E <u>Nation</u>
94	Pediatric status 1B and secondary blood type match with the donor	Zone E <u>Nation</u>
95	Adult status 3 and primary blood type match with the donor	Zone E <u>Nation</u>
96	Adult status 3 and secondary blood type match with the donor	Zone E <u>Nation</u>
97	Adult status 4 and primary blood type match with the donor	Zone E <u>Nation</u>
98	Adult status 4 and secondary blood type match with the donor	Zone E <u>Nation</u>
99	Adult status 5 and primary blood type match with the donor	Zone E <u>Nation</u>
100	Adult status 5 and secondary blood type match with the donor	Zone E <u>Nation</u>
101	Pediatric status 2 and primary blood type match with the donor	Zone E <u>Nation</u>
102	Pediatric status 2 and secondary blood type match with the donor	Zone E <u>Nation</u>

Classification	Candidates that are within the	are registered at a transplant hospital that is within this distance from the donor hospital
103	Adult status 6 and primary blood type match with the donor	Zone E <u>Nation</u>
104	Adult status 6 and secondary blood type match with the donor	Zone E <u>Nation</u>

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10.4.C Allocation of Lungs from Deceased Donors at Least 18 Years Old

Single and double lungs from deceased donors at least 18 years old are allocated according to *Table 10-9* below.

Table 10-9: Allocation of Lungs from Deceased Donors at Least 18 Years Old

Classification	Candidates that are within the	are registered at a transplant hospital that is within this distance from the donor hospital
1	At least 12 years old, blood type identical to the donor	Zone A <u>250NM</u>
2	At least 12 years old, blood type compatible with the donor	Zone A <u>250NM</u>
3	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • Less than 12 years old and blood type identical to the donor • Less than 1 year old and blood type compatible with the donor • Less than 1 year old and eligible for intended blood group incompatible offers 	Zone A <u>250NM</u>
4	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • At least 1 year old and blood type compatible with the donor • At least 1 year old and eligible for intended blood group incompatible offers 	Zone A <u>250NM</u>
5	Priority 2, blood type identical to the donor	Zone A <u>250NM</u>
6	Priority 2, blood type compatible with the donor	Zone A <u>250NM</u>
7	At least 12 years old, blood type identical to the donor	Zone B <u>500NM</u>
8	At least 12 years old, blood type compatible with the donor	Zone B <u>500NM</u>

Classification	Candidates that are within the	are registered at a transplant hospital that is within this distance from the donor hospital
9	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • Less than 12 years old and blood type identical to the donor • Less than 1 year old and blood type compatible with the donor • Less than 1 year old and eligible for intended blood group incompatible offers 	Zone-B <u>500NM</u>
10	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • At least 1 year old and blood type compatible with the donor • At least 1 year old and eligible for intended blood group incompatible offers 	Zone-B <u>500NM</u>
11	Priority 2, blood type identical to the donor	Zone-B <u>500NM</u>
12	Priority 2, blood type compatible with the donor	Zone-B <u>500NM</u>
13	At least 12 years old, blood type identical to the donor	Zone-C <u>1000NM</u>
14	At least 12 years old, blood type compatible with the donor	Zone-C <u>1000NM</u>
15	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • Less than 12 years old and blood type identical to the donor • Less than 1 year old and blood type compatible with the donor • Less than 1 year old and eligible for intended blood group incompatible offers 	Zone-C <u>1000NM</u>
16	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • At least 1 year old and blood type compatible with the donor • At least 1 year old and eligible for intended blood group incompatible offers 	Zone-C <u>1000NM</u>
17	Priority 2, blood type identical to the donor	Zone-C <u>1000NM</u>
18	Priority 2, blood type compatible with the donor	Zone-C <u>1000NM</u>
19	At least 12 years old, blood type identical to the donor	Zone-D <u>1500NM</u>
20	At least 12 years old, blood type compatible with the donor	Zone-D <u>1500NM</u>

Classification	Candidates that are within the	And are registered at a transplant hospital that is within this distance from the donor hospital
21	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • Less than 12 years old and blood type identical to the donor • Less than 1 year old and blood type compatible with the donor • Less than 1 year old and eligible for intended blood group incompatible offers 	Zone-D <u>1500NM</u>
22	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • At least 1 year old and blood type compatible with the donor • At least 1 year old and eligible for intended blood group incompatible offers 	Zone-D <u>1500NM</u>
23	Priority 2, blood type identical to the donor	Zone-D <u>1500NM</u>
24	Priority 2, blood type compatible with the donor	Zone-D <u>1500NM</u>
25	At least 12 years old, blood type identical to the donor	Zone-E <u>2500NM</u>
26	At least 12 years old, blood type compatible with the donor	Zone-E <u>2500NM</u>
27	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • Less than 12 years old and blood type identical to the donor • Less than 1 year old and blood type compatible with the donor • Less than 1 year old and eligible for intended blood group incompatible offers 	Zone-E <u>2500NM</u>
28	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • At least 1 year old and blood type compatible with the donor • At least 1 year old and eligible for intended blood group incompatible offers 	Zone-E <u>2500NM</u>
29	Priority 2, blood type identical to the donor	Zone-E <u>2500NM</u>
30	Priority 2, blood type compatible with the donor	Zone-E <u>2500NM</u>
31	At least 12 years old, blood type identical to the donor	Zone-F <u>Nation</u>
32	At least 12 years old, blood type compatible with the donor	Zone-F <u>Nation</u>

Classification	Candidates that are within the	are registered at a transplant hospital that is within this distance from the donor hospital
33	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • Less than 12 years old and blood type identical to the donor • Less than 1 year old and blood type compatible with the donor • Less than 1 year old and eligible for intended blood group incompatible offers 	Zone F <u>Nation</u>
34	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • At least 1 year old and blood type compatible with the donor • At least 1 year old and eligible for intended blood group incompatible offers 	Zone F <u>Nation</u>
35	Priority 2, blood type identical to the donor	Zone F <u>Nation</u>
36	Priority 2, blood type compatible with the donor	Zone F <u>Nation</u>

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10.4.D Allocation of Lungs from Deceased Donors Less than 18 Years Old

Single and double lungs from deceased donors less than 18 years old are allocated according to *Table 10-10* below.

Table 10-10: Allocation of Lungs from Deceased Donors Less than 18 Years Old

Classification	Candidates that are within the	are registered at a transplant hospital that is within this distance from the donor hospital
1	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • Less than 12 years old and blood type identical to the donor • Less than 1 year old and blood type compatible with the donor • Less than 1 year old and eligible for intended blood group incompatible offers 	Zone A, Zone B, or Zone C <u>1000NM</u>
2	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • At least 1 year old and blood type compatible with the donor • At least 1 year old and eligible for intended blood group incompatible offers 	Zone A, Zone B, or Zone C <u>1000NM</u>
3	Priority 2, blood type identical to the donor	Zone A, Zone B, or Zone C <u>1000NM</u>
4	Priority 2, blood type compatible with the donor	Zone A, Zone B, or Zone C <u>1000NM</u>

Classification	Candidates that are within the	And are : registered at a transplant hospital that is within this distance from the donor hospital
5	12 to less than 18 years old, blood type identical to the donor	Zone A, Zone B, or Zone C <u>1000NM</u>
6	12 to less than 18 years old, blood type compatible with the donor	Zone A, Zone B, or Zone C <u>1000NM</u>
7	At least 18 years old, blood type identical to the donor	Zone A <u>250NM</u>
8	At least 18 years old, blood type compatible with the donor	Zone A <u>250NM</u>
9	At least 18 years old, blood type identical to the donor	Zone B <u>500NM</u>
10	At least 18 years old, blood type compatible with the donor	Zone B <u>500NM</u>
11	At least 18 years old, blood type identical to the donor	Zone C <u>1000NM</u>
12	At least 18 years old, blood type compatible with the donor	Zone C <u>1000NM</u>
13	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • Less than 12 years old and blood type identical to the donor • Less than 1 year old and blood type compatible with the donor Less than 1 year old and eligible for intended blood group incompatible offers	Zone D <u>1500NM</u>
14	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • At least 1 year old and blood type compatible with the donor At least 1 year old and eligible for intended blood group incompatible offers	Zone D <u>1500NM</u>
15	Priority 2, blood type identical to the donor	Zone D <u>1500NM</u>
16	Priority 2, blood type compatible with the donor	Zone D <u>1500NM</u>
17	12 to less than 18 years old, blood type identical to the donor	Zone D <u>1500NM</u>
18	12 to less than 18 years old, blood type compatible with the donor	Zone D <u>1500NM</u>
19	At least 18 years old, blood type identical to the donor	Zone D <u>1500NM</u>
20	At least 18 years old, blood type compatible with the donor	Zone D <u>1500NM</u>

Classification	Candidates that are within the	And are registered at a transplant hospital that is within this distance from the donor hospital
21	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • Less than 12 years old and blood type identical to the donor • Less than 1 year old and blood type compatible with the donor Less than 1 year old and eligible for intended blood group incompatible offers	Zone-E <u>2500NM</u>
22	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • At least 1 year old and blood type compatible with the donor At least 1 year old and eligible for intended blood group incompatible offers	Zone-E <u>2500NM</u>
23	Priority 2, blood type identical to the donor	Zone-E <u>2500NM</u>
24	Priority 2, blood type compatible with the donor	Zone-E <u>2500NM</u>
25	12 to less than 18 years old, blood type identical to the donor	Zone-E <u>2500NM</u>
26	12 to less than 18 years old, blood type compatible with the donor	Zone-E <u>2500NM</u>
27	At least 18 years old, blood type identical to the donor	Zone-E <u>2500NM</u>
28	At least 18 years old, blood type compatible with the donor	Zone-E <u>2500NM</u>
29	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • Less than 12 years old and blood type identical to the donor • Less than 1 year old and blood type compatible with the donor Less than 1 year old and eligible for intended blood group incompatible offers	Zone-F <u>Nation</u>
30	Priority 1 and <i>one</i> of the following: <ul style="list-style-type: none"> • At least 1 year old and blood type compatible with the donor At least 1 year old and eligible for intended blood group incompatible offers	Zone-F <u>Nation</u>
31	Priority 2, blood type identical to the donor	Zone-F <u>Nation</u>
32	Priority 2, blood type compatible with the donor	Zone-F <u>Nation</u>

Classification	Candidates that are within the	And are registered at a transplant hospital that is within this distance from the donor hospital
33	12 to less than 18 years old, blood type identical to the donor	Zone F <u>Nation</u>
34	12 to less than 18 years old, blood type compatible with the donor	Zone F <u>Nation</u>
35	At least 18 years old, blood type identical to the donor	Zone F <u>Nation</u>
36	At least 18 years old, blood type compatible with the donor	Zone F <u>Nation</u>

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