

Who Gets the Heart

The United Network for Organ Sharing (UNOS) is an organization which helps Lifeline of Ohio match organ donors to recipients. Read through the scenario and use the candidate cards and the clues to help match the donor heart with the awaiting candidate.

Read the following scenario:

A 23 year old girl is critically injured in an automobile accident. She's taken to the hospital, where everything is done to save her life. Because of her injuries, she's unable to breathe on her own and is placed on a ventilator. While in the hospital, tests are completed to see how much damage had been done to her brain.

Those tests revealed the damage to her brain was so severe, she had died. The local organ recovery organization was called and they determined she had an opportunity to be an organ donor. Her family was consulted and they agreed to donate her organs and tissues to help others in need.

DONOR INFORMATION:

23 year old female from Columbus, Ohio

Blood Type: B

Body Size: 5'6" and 141lbs

Use the candidate cards and the clues below to determine which candidate is a match for the donor heart.

Blood Type:

Find all the candidates with a compatible blood type to the donor. Blood type B can match with type B or AB.

Organ Size:

The candidate must match the donor in size. From the candidate cards you have left, find all the candidates whose ACTUAL WEIGHT does NOT fall in between a weight range of 100-200lbs. Remove those cards from the pile. Those candidates are either too large or too small.

Geographic Location:

Once removed, a heart can be kept viable for 4-6 hours. A candidate must be within a 1,200 mile radius from the donor. From the candidate cards you have left, remove any recipients living on the west coast. Those candidates are too far from the donor.

Status/Medical Urgency:

A patient in need of a heart transplant will be categorized based on how sick they are. A patient in Status 1 is very sick and will only leave the hospital by receiving a transplant or as one of the 20 people who die each day waiting. From the candidate cards you have left, locate the patient who is Status 1.

The patient who matches best for the heart is: _____

♥ Candidate #1

Age/Gender:	44/Male
Hospital Location:	Phoenix, AZ
Race:	Caucasian
Blood Type:	B
Status:	1A
Height:	5'10"
Weight Range:	100 - 200 lbs.
Actual Weight:	173 lbs.
Waiting Time:	6 months

♥ Candidate #2

Age/Gender:	15/Female
Hospital Location:	Philadelphia, PA
Race:	Caucasian
Blood Type:	B
Status:	2A
Height:	5'6"
Weight Range:	120 - 200 lbs.
Actual Weight:	125 lbs.
Waiting Time:	14 months

♥ Candidate #3

Age/Gender:	66/Male
Hospital Location:	Cleveland, OH
Race:	Caucasian
Blood Type:	B
Status:	1B
Height:	5'9"
Weight Range:	130 - 230 lbs.
Actual Weight:	168 lbs.
Waiting Time:	1 months

♥ Candidate #4

Age/Gender:	62/Male
Hospital Location:	Columbus, OH
Race:	African American
Blood Type:	B
Status:	2A
Height:	6'0"
Weight Range:	140 - 300 lbs.
Actual Weight:	200 lbs.
Waiting Time:	8 months

♥ Candidate #5

Age/Gender:	44/Female
Hospital Location:	Cleveland, OH
Race:	Caucasian
Blood Type:	A
Status:	1A
Height:	5'6"
Weight Range:	110 - 200 lbs.
Actual Weight:	145 lbs.
Waiting Time:	2 years

♥ Candidate #6

Age/Gender:	29/Male
Hospital Location:	Toledo, OH
Race:	African American
Blood Type:	O
Status:	2B
Height:	6'2"
Weight Range:	150 - 350 lbs.
Actual Weight:	215 lbs.
Waiting Time:	2 months

♥ Candidate #7

Age/Gender:	32/Male
Hospital Location:	Los Angeles, CA
Race:	Hispanic
Blood Type:	AB
Status:	2A
Height:	5'10"
Weight Range:	140 - 300 lbs.
Actual Weight:	190 lbs.
Waiting Time:	1 year

♥ Candidate #8

Age/Gender:	7 months/Female
Hospital Location:	Cleveland, OH
Race:	African American
Blood Type:	B
Status:	1A
Height:	2'4"
Weight Range:	15 - 40 lbs.
Actual Weight:	25 lbs.
Waiting Time:	1 year