

# Activity sheets



**I can give  
the gift  
of life.**

*U* on donor register

## Activity 1 – Sheet 1

### Identifying organs and tissues



Ask members of your group to match the following descriptions with the correct organ or tissue. Only give them the first clue to start with, then the second, and so on.

Then, with your group, try to think of one or two additional facts about this organ or tissue, to report back on later in the lesson.

### CLUES

1

This organ was first successfully transplanted in 1967, and now 85-90% of transplant recipients are still well one year later.

2

It is a powerful pump and it is situated in the chest.

3

This organ is made of muscle but can become very diseased.

4

Every year on 14 February (St Valentine's Day) this organ is pictured on thousands of greetings cards.

## Activity 1 – Sheet 2

### Identifying organs and tissues



Ask the members of your group to match this description with the correct organ or tissue. Only give them the first clue to start with, then the second, and so on.

Then, with your group, try to think of one or two additional facts about this organ or tissue, to report back on later in the lesson.

### CLUES

- 1** About 60% of these organs are still functioning one year after transplantation.
- 2** They are sometimes transplanted together with another organ.
- 3** They can be very badly damaged by smoking.
- 4** They enable the body to take in oxygen for respiration and get rid of carbon dioxide.
- 5** They are situated in the chest.

## Activity 1 – Sheet 3

### Identifying organs and tissues



Ask the members of your group to match this description with the correct organ or tissue. Only give them the first clue to start with, then the second, and so on.

Then, with your group, try to think of one or two additional facts about this organ or tissue, to report back on later in the lesson.

### CLUES

1

Hepatitis C Virus can cause this organ to fail.

2

If this organ is not working properly, it can make you look a yellow colour.

3

This is the largest organ in the body.

4

It is the body's food processor, store house, distributor and detoxifying factory.

5

It is situated in the abdomen.

## Activity 1 – Sheet 4

### Identifying organs and tissues



Ask the members of your group to match this description with the correct organ or tissue. Only give them the first clue to start with, then the second, and so on.

Then, with your group, try to think of one or two additional facts about this organ or tissue, to report back on later in the lesson.

### CLUES

1

This organ was the first to be transplanted.

2

When you drink a lot of water, these organs work hard.

3

As most people have two of these in their body, this is an organ that can be transplanted from 'living donors'.

4

These organs process all the blood in the body to filter out waste products.

5

Due to its distinctive shape and colour, a common bean is named after this organ.

## Activity 1 – Sheet 5

### Identifying organs and tissues



Ask the members of your group to match this description with the correct organ or tissue. Only give them the first clue to start with, then the second, and so on.

Then, with your group, try to think of one or two additional facts about this organ or tissue, to report back on later in the lesson.

### CLUES

1

Almost all of these tissues are still functioning one year after grafting, and the long-term success rate is excellent.

2

Recipients have a tissue graft, rather than an organ transplant, since it is not a whole organ that relies directly on a blood supply.

3

When these tissues are diseased, it may not be possible to drive, watch television, read and write.

4

They enable light rays to pass into the body so that we can see clearly.

## Activity 2 Transplant Quiz



- 1 A person who gives an organ or tissue to another is called a \_\_\_\_\_ (5).
- 2 The organ that pumps blood around the body (5). \_\_\_\_\_.
- 3 Name for a heart, lung, liver, etc. (5). \_\_\_\_\_.
- 4 The transparent “window” at the front of the eye (6). \_\_\_\_\_.
- 5 This organ filters waste products out of the blood (6). \_\_\_\_\_.
- 6 Heart, lungs and liver are all organs that can be \_\_\_\_\_ from one person to another (12).
- 7 The transplant \_\_\_\_\_ talks to the relatives of a potential organ donor (11).
- 8 One person’s \_\_\_\_\_ can give another the gift of life (5).
- 9 These are used to take in oxygen (5). \_\_\_\_\_.
- 10 A person who receives an organ or tissue from another is called a \_\_\_\_\_ (9).
- 11 The largest organ in the body (5). \_\_\_\_\_.
- 12 Sometimes transplanted organs can be \_\_\_\_\_ by the body (8).
- 13 It has to completely stop functioning before a person’s organs can be donated (5, 4). \_\_\_\_\_, \_\_\_\_\_.

## Activity 3

### Transplant Quiz



1

Put a ring round the parts of the body that can be transplanted.

Brain      Bone      Cornea      Kidney      Heart      Lungs  
Liver      Pancreas      Bone Marrow

2

A donor is someone who gives an organ. *TRUE / FALSE*

3

Transplant patients take drugs to prevent their new organs being rejected. *TRUE / FALSE*

4

Once kidneys or a liver have been surgically removed from a donor, they can be used months later. *TRUE / FALSE*

5

Carrying a donor card shows that you would like to be a donor after your death. *TRUE / FALSE*

6

A recipient is a person who receives a transplanted organ. *TRUE / FALSE*

7

Anyone can successfully donate a kidney to anyone else. *TRUE / FALSE*

8

There are more than enough organs and tissues available for transplants. *TRUE / FALSE*

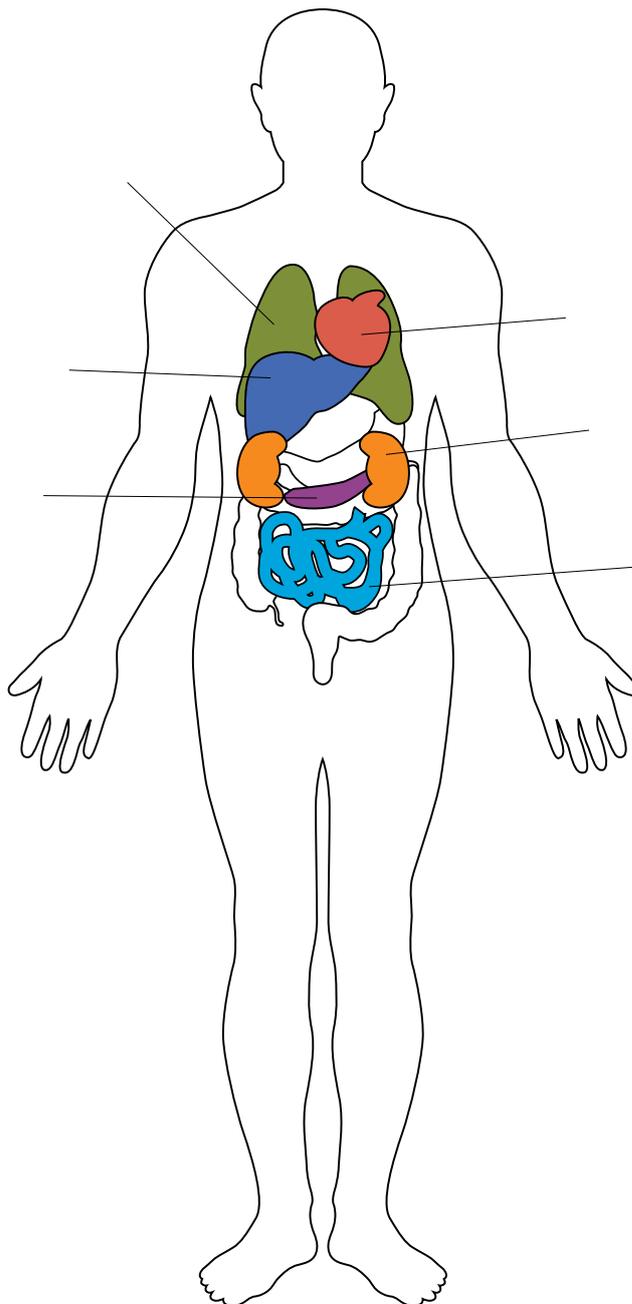
9

Tests for brain stem death are carried out by two doctors not connected at all with the transplant teams. *TRUE / FALSE*

## Activity 4 Organ Location



Can you identify which of the following organs is which on the diagram below?



- Heart
- Lungs
- Kidneys
- Liver
- Pancreas
- Small bowel

## **Activity 1** – Identifying organs and tissues Solutions

### **SHEET 1:**

Heart

### **SHEET 2:**

Lungs

### **SHEET 3:**

Liver

### **SHEET 4:**

Kidney

### **SHEET 5:**

Cornea

## Activity 2 – Transplant quiz Solutions

- 1 A person who gives an organ or tissue to another is called a *DONOR* (5).
- 2 The organ that pumps blood around the body (5). *HEART*.
- 3 Name for a heart, lung, liver, etc. (5). *ORGAN*.
- 4 The transparent “window” at the front of the eye (6). *CORNEA*.
- 5 This organ filters waste products out of the blood (6). *KIDNEY*.
- 6 Heart, lungs and liver are all organs that can be *TRANSPLANTED* from one person to another (12).
- 7 The transplant *CO-ORDINATOR* talks to the relatives of a potential organ donor (11).
- 8 One person’s *DEATH* can give another the gift of life (5).
- 9 These are used to take in oxygen (5). *LUNGS*.
- 10 A person who receives an organ or tissue from another is called a *RECIPIENT* (9).
- 11 The largest organ in the body (5). *LIVER*.
- 12 Sometimes transplanted organs can be *REJECTED* by the body (8).
- 13 It has to completely stop functioning before a person’s organs can be donated (5, 4). *BRAIN, STEM*.

## Activity 3 – Transplant quiz

### Solutions

1 Put a ring round the parts of the body that can be transplanted.

Brain    Bone    Cornea    Kidney    Heart    Lungs  
Liver    Pancreas    Bone Marrow

2 A donor is someone who gives an organ. *TRUE*

3 Transplant patients take drugs to prevent their new organs being rejected. *TRUE*

4 Once kidneys or a liver have been surgically removed from a donor, they can be used months later. *FALSE*

5 Carrying a donor card shows that you would like to be a donor after your death. *TRUE*

6 A recipient is a person who receives a transplanted organ. *TRUE*

7 Anyone can successfully donate a kidney to anyone else. *FALSE*

8 There are more than enough organs and tissues available for transplants. *FALSE*

9 Tests for brain stem death are carried out by two doctors not connected at all with the transplant teams. *TRUE*

## Activity 4 – Organ location Solutions

