

Kidney Disorders, Dialysis and Transplantation

Use this worksheet after reading the lesson to practise the key ideas and prove you can meet the success criteria.

Name _____
Date _____
Class _____

1. Key Ideas

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- Key facts and terms for Kidney Disorders, Dialysis and Transplantation
- How the main ideas in Kidney Disorders, Dialysis and Transplantation connect

2. Success Criteria

By the end, you should be able to:

- Key facts and terms for Kidney Disorders, Dialysis and Transplantation
- Where this lesson fits in Module 8
- How the main ideas in Kidney Disorders, Dialysis and Transplantation connect

3. Key Terms

tells her both kidneys

failing — her GFR is 11 mL/min (normal: 90+)

kidney failure

homeostasis fails

Penetrance

high, but age of onset and rate of progression vary significantly between individuals and families

The dialysate

prepared with normal plasma electrolyte levels — so urea (high in blood) diffuses out, while glucose (equal concentration)

failed kidneys

usually left in place — the donor kidney is implanted in the pelvis where surgical connection is easier

Donor and recipient

tissue-typed (HLA matching) to minimise rejection risk

4. Activity: Build the Lesson Map

Use the lesson to complete the table. Keep answers brief but specific.

Prompt	Your answer
Main concept	
Important example	
Common mistake to avoid	
How this links to the next lesson	

5. Short Answer Questions

1. Explain this lesson goal in your own words: "Key facts and terms for Kidney Disorders, Dialysis and Transplantation". Use one specific example from the lesson.

BAND 3 **2 MARKS**

2. Apply this idea to a new example: "Where this lesson fits in Module 8". Show your reasoning clearly.

BAND 4 **3 MARKS**

3. Analyse why this idea matters for understanding Kidney Disorders, Dialysis and Transplantation: "How the main ideas in Kidney Disorders, Dialysis and Transplantation connect".

BAND 5 **4 MARKS**

6. Extend: Apply the Idea

BAND 5/6

5 MARKS

A student gives a memorised answer about Kidney Disorders, Dialysis and Transplantation but does not use evidence or reasoning.

Improve the answer by writing a stronger response that uses accurate terminology, a relevant example and a clear explanation.

7. Multiple Choice

1. What is the best first step when answering a question about Kidney Disorders, Dialysis and Transplantation?

- A. Identify the key concept being tested
- B. Write every fact from memory
- C. Ignore the command word
- D. Skip examples and evidence

2. Which answer would show stronger understanding of Kidney Disorders, Dialysis and Transplantation?

- A. An answer with accurate terms and reasoning
- B. A copied definition only
- C. A single-word response
- D. An answer with no example

3. What should you do if a question asks you to explain?

- A. Link the idea to a reason or cause
- B. List unrelated facts
- C. Only draw a diagram
- D. Write the shortest possible answer

8. Success Criteria Proof

Finish with evidence that you can do each success criterion.

SUCCESS CRITERION 1

Prove that you can: Key facts and terms for Kidney Disorders, Dialysis and Transplantation

BAND 3 **2 MARKS**

SUCCESS CRITERION 2

Prove that you can: Where this lesson fits in Module 8

BAND 4 **3 MARKS**

SUCCESS CRITERION 3

Prove that you can: How the main ideas in Kidney Disorders, Dialysis and Transplantation connect

BAND 5 **4 MARKS**

One thing I still need help with:
