



First living patient to receive pig kidney, Richard “Rick” Slayman, passes away at 62, weeks after groundbreaking surgery

Description

The first patient to receive a kidney from a genetically modified pig has tragically passed away, two months after the groundbreaking transplant. Richard “Rick” Slayman, 62, underwent the procedure at Massachusetts General Hospital in Boston and was sent home in March. Slayman's family expressed gratitude for the extra time they had with him following the transplant.

Suffering from ongoing dialysis complications, Slayman saw the transplant as a way to provide hope for others in need of transplants. Although the cause of his death is not directly linked to the transplant, the medical team at Mass General recognizes Slayman's legacy as a beacon of hope for transplant patients worldwide.

This historic procedure was Slayman's second kidney transplant, following his initial transplant from a human donor in 2018. Despite the advances in xenotransplantation techniques, Slayman's passing underscores the challenges and risks associated with such procedures. The medical community and Slayman's loved ones mourn the loss of an extraordinary individual.

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Vocabulary List:

1. **Transplant** // (noun): An operation in which an organ or tissue is removed from one part of a person's body or from one person's body and placed in a new position in the same person or in another person.
2. **Complications** // (noun): Unforeseen or out-of-the-ordinary challenges or issues that arise during a medical procedure or treatment.
3. **Legacy** // (noun): Something handed down from an ancestor or predecessor or from the past.
4. **Xenotransplantation** // (noun): The transplantation of living cell tissues or organs from one species to another.
5. **Beacon** // (noun): A source of light or inspiration.
6. **Mourn** // (verb): To feel or express sorrow or grief.

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. Which term refers to different types or kinds of something?
Option: Invasive
Option: Varieties
Option: Legacy
Option: Complications
2. Which insects are known for transmitting diseases like malaria and Zika?
Option: Varieties
Option: Traps
Option: Mosquitoes
Option: Interventions
3. Which term refers to something handed down from the past or a person's impact on future generations?
Option: Legacy
Option: Xenotransplantation
Option: Predispose
Option: Implications
4. What medical procedure involves moving an organ or tissue from one person to another?
Option: Transplant
Option: Influence
Option: Bold
Option: Sepsis



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5. Which term describes something innovative and pioneering?
- Option: Outcome
 - Option: Microbiome
 - Option: Groundbreaking
 - Option: Defy
6. What type of medication is used to treat bacterial infections?
- Option: Antibiotic
 - Option: Mortality
 - Option: Incurable
 - Option: Ventilator
7. Which term relates to chemicals that are involved in the functioning of the nervous system?
- Option: Neurochemical
 - Option: Affect
 - Option: Beacon
 - Option: Implications
8. Which term describes a species that spreads rapidly and causes harm to its environment?
- Option: Beacon
 - Option: Invasive
 - Option: Incursions
 - Option: Mourn
9. What medical procedure involves transplanting organs or cells between different species?
- Option: Xenotransplantation
 - Option: Predispose
 - Option: Influence
 - Option: Revolutionize
10. Which term refers to the monitoring of an area activities or individuals?
- Option: Complications
 - Option: Surveillance
 - Option: Mortality
 - Option: Traps

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. _____ into the forest by loggers can have devastating effects on wildlife populations.
12. Surgery always carries some risk of _____ which the doctor will discuss with you



before the operation.

13. The economic downturn had serious _____ for small businesses in the region.

14. Parents have a significant _____ on their children's development and behavior.

15. The study aimed to analyze the factors affecting infant _____ in underdeveloped countries.

16. The lighthouse acted as a _____ for ships navigating through the treacherous waters.

17. Patients with severe respiratory problems may require the assistance of a _____ to help them breathe.

18. The community came together to _____ the passing of a beloved teacher.

19. Genetic factors can _____ individuals to certain health conditions.

20. The research team set up mosquito _____ to monitor the population in the area.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. The philanthropist left behind a of charitable work that continues to benefit the community.
22. involves the transplantation of organs or tissues from one species to another with the goal of saving human lives.
23. The new technological breakthrough has the potential to the way we approach healthcare.
24. Prompt treatment is crucial in managing severe cases of a life-threatening condition.
25. The recent policy changes are expected to a wide range of industries and businesses.
26. The remarkable recovery of the patient seemed to all medical expectations.
27. The company made a decision to enter a new market with innovative products.
28. The mayor took the opportunity to the efforts of the emergency responders during the crisis.



29. The study aimed to analyze the factors affecting infant in underdeveloped countries.

30. The gut plays a crucial role in digestion and overall health.

Answer

Multiple Choice: 1. Varieties 2. Mosquitoes 3. Legacy 4. Transplant 5. Groundbreaking 6. Antibiotic
7. Neurochemical 8. Invasive 9. Xenotransplantation 10. Surveillance

Gap-Fill: 11. Incursions 12. Complications 13. Implications 14. Influence 15. Mortality 16. Beacon 17.
Ventilator 18. Mourn 19. Predispose 20. Traps

Matching sentence: 1. Legacy 2. Xenotransplantation 3. Revolutionize 4. Sepsis 5. Affect 6. Defy 7. Bold
8. Commend 9. Mortality 10. Microbiome

CATEGORY

1. Health - LEVEL4

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