

Pig Kidney Transplant

Richard "Rick" Slayman, aged 62, **passed away** / two months after receiving a **genetically modified pig kidney transplant**/ at Massachusetts General Hospital (MGH).//

Before the **operation** in March 2024,/ Slayman **suffered** from end-stage kidney disease.// Despite his death,/ MGH **clarified** / that it was not due to the transplant.// This event marked a **significant milestone**,/ as previous **attempts** with organs from **genetically** modified pigs / had failed.//

Slayman,/ battling not only kidney disease/ but also Type 2 diabetes and **hypertension**,/ had previously undergone a human kidney transplant in 2018,/ which lasted five years.// After the pig kidney transplant,/ his doctors confirmed / he no longer needed **dialysis** / after the new organ was said to be functioning well.//

MGH expressed **gratitude** for Slayman's contribution/ to advancing medical practice.// Although he was the first to receive a pig kidney,/ it was not the first time/ pig organs were used in transplants.// Two other patients had undergone pig heart transplants,/ but they did not survive / more than a few weeks afterward.//

リチャード・「リック」・スレイマン、享年62、が亡くなった / 遺伝子組み換えブタの腎臓移植を受けてから2ヵ月後に / マサチューセッツ総合病院 (MGH) で //

2024年3月の手術前 / スレイマンは末期の腎臓病を患っていた // 彼の死にもかわらず / MGHは明らかにした / 彼の死は移植によるものではなかったことを // この出来事は重要な一里塚となり / 遺伝子組み換えブタの臓器を使ったこれまでの試みは / 失敗に終わった //

スレイマンは / 腎臓病と闘うだけでなく / 2型糖尿病や高血圧とも (闘っていたが) / 2018年に人体腎臓移植を受けたことがあり / (その移植は)5年続いた // ブタの腎臓移植の後 / 医師は確認した / 彼にもう透析が必要ないことを / 新しい臓器がうまく機能していると言われた後 //

MGHは、スレイマン氏の貢献に感謝の意を表した / 異種移植の発展に対して // ブタの腎臓を移植されたのは彼が初めてだったが / これが初めてではなかった / ブタの臓器が移植に使われたのは // 他にも2人の患者がブタの心臓移植を受けたが / 彼らは生存できなかった / その後数週間しか //

Vocabulary and Phrases

pass away	亡くなる
genetically modified	遺伝子組み換え
transplant	移植
operation	手術
suffer	患う
clarify	明らかにする
significant	重要な

milestone	重要な出来事
attempt	試み
hypertension	高血圧
dialysis	透析
gratitude	感謝
xenotransplantation	△異種移植

※xeno:異種 trans-:移動 plant:植える
-tion:名詞の語尾

Total Number of words used

: 163 words

Time for 100 wpm

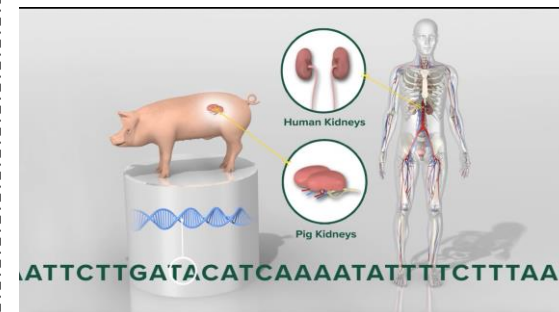
: 97.8 sec.

Time for 120 wpm

: 81.5 sec.

Your BEST TIME

: _____ sec.



【Listen & Fill Blank】

Richard "Rick" Slayman, aged 62, _____ two months after receiving a _____ pig kidney _____ at Massachusetts General Hospital (MGH).

Before the operation in March 2024, Slayman _____ from end-stage kidney disease. Despite his death, MGH _____ that it was not due to the transplant. This event marked a _____, as _____ with organs from genetically modified pigs had failed.

Slayman, battling not only kidney disease but also Type 2 _____ and hypertension, had previously undergone a human kidney transplant in 2018, which lasted five years. After the pig kidney transplant, his doctors confirmed he no longer needed _____ after the new organ was said to be functioning well.

MGH expressed _____ for Slayman's contribution to advancing _____. Although he was the first to receive a pig kidney, it was not the first time pig organs were used in transplants. Two other _____ have received pig heart transplants, but they did not _____ more than a few weeks afterward.

【Q&A / A&Q】

Question 1: How long after receiving the pig kidney transplant did Mr. Slay pass away?

Question 2: Was the pig kidney transplant the cause of Mr. Slayman's death?

Question 3: How many patients in total have undergone pig organ transplants?

Ask 1: Mr. Slayman についての質問を英語で書いてください。

Ask 2: Organ transplant についての質問を英語で書いてください。

Ask 3: 本文について知りたいことを英語で書いてください。

Sample Answer 1: Two months.

Sample Answer 2: No, MGH clarified that Mr. Slayman's death was not caused by the organ transplant.

Sample Answer 3: Three, including Mr. Slayman.

Sample Question 1: What is the cause of Mr. Slayman's death?
What kind of person was Mr. Slayman when he was still alive?

Sample Question 2: What other animals have been used for organ transplant?
Is it possible to develop an artificial organ for transplantation?

Sample Question 3: Did Mr. Slayman experience any side effects after the pig kidney transplant?
Are there any rules about using pig kidneys for transplants?