

Pioneering Medical Milestones

Medicine · Practice Test · 15 Questions

1. Who is credited with performing the first successful human-to-human blood transfusion in 1818?

- A) James Blundell
- B) Karl Landsteiner
- C) William Harvey
- D) Richard Lower

2. In 1895, Wilhelm Röntgen discovered X-rays; what was the subject of the very first medical X-ray image?

- A) His own skull
- B) His wife's hand
- C) A fractured femur
- D) A bullet lodged in a chest

3. Which surgeon is historically credited with the first successful human heart transplant in 1967?

- A) Norman Shumway
- B) Christiaan Barnard
- C) James Hardy
- D) Christian Cabrol

4. What was the first antibiotic to be discovered and mass-produced, marking the beginning of the 'antibiotic era'?

- A) Streptomycin
- B) Penicillin
- C) Sulfonamide
- D) Tetracycline

5. Who successfully performed the first human appendectomy in 1735?

- A) Claudius Amyand
- B) John Hunter
- C) Ephraim McDowell
- D) Robert Liston

6. Which scientist discovered the role of Vitamin C in preventing scurvy in 1747, conducting one of the first controlled clinical trials?

- A) Louis Pasteur
- B) James Lind
- C) Joseph Lister
- D) Ignaz Semmelweis

7. The first successful use of general anaesthesia in a public surgery demonstration (ether) took place at Massachusetts General Hospital in which year?

- A) 1842
- B) 1846
- C) 1867
- D) 1884

8. Who developed the first effective vaccine against polio, which was released for public use in 1955?

- A) Albert Sabin
- B) Jonas Salk
- C) Hilary Koprowski
- D) Louis Pasteur

9. In 1867, who pioneered the use of carbolic acid as an antiseptic in surgery, drastically reducing post-operative infections?

- A) Robert Koch
- B) Joseph Lister
- C) Florence Nightingale
- D) Paul Ehrlich

10. Which medical device, invented by René Laennec in 1816, significantly advanced diagnostic medicine?

- A) Electrocardiograph
- B) Stethoscope
- C) Sphygmomanometer
- D) Ophthalmoscope

11. Who is recognized for discovering that handwashing significantly reduced puerperal fever mortality rates in the 1840s?

- A) Louis Pasteur
- B) Ignaz Semmelweis
- C) Robert Koch
- D) John Snow

12. What was the first disease to be officially eradicated by human intervention, as declared by the WHO in 1980?

- A) Smallpox
- B) Polio
- C) Rinderpest
- D) Measles

13. The first human nerve transplant was successfully performed in 1906 by which surgeon?

- A) Alexis Carrel
- B) Harvey Cushing
- C) Walter Dandy
- D) William Halsted

14. In 1921, what major diagnostic medical imaging technique was first used on a patient by Arved Barsow?

- A) Ultrasound
- B) Computed Tomography
- C) Magnetic Resonance Imaging
- D) Positron Emission Tomography

15. Who identified the causative agent of cholera, *Vibrio cholerae*, in 1883?

- A) Robert Koch
- B) John Snow
- C) Louis Pasteur
- D) Joseph Lister