

Medical History

1. Who is considered the father of modern medicine?

Hippocrates.

2. In which century was the stethoscope invented?

19th century (1816).

3. Which scientist discovered penicillin in 1928?

Alexander Fleming.

4. What was the first successful human organ transplant?

Kidney transplant in 1954.

5. Who introduced the concept of antiseptic surgery?

Joseph Lister.

6. Which pandemic occurred in 1918–1919 and killed millions worldwide?

The Spanish Flu.

7. What was the first vaccine ever developed?

Smallpox vaccine.

8. Who was the first woman to win the Nobel Prize in Physiology or Medicine?

Gerty Cori (1947).

9. Which ancient civilization is known for using honey as an antiseptic?

Ancient Egyptians.

10. In which year did the World Health Organization declare smallpox eradicated?

1980.

Anatomy & Physiology

11. What is the largest organ in the human body?

The skin.

12. How many chambers are there in the human heart?

Four.

13. Which bone is the longest in the human body?

Femur (thigh bone).

14. What is the main function of red blood cells?

To transport oxygen.

15. Which part of the brain controls balance and coordination?

Cerebellum.

16. How many pairs of ribs does a human typically have?

12 pairs.

17. Which is the smallest bone in the human body?

Stapes (in the ear).

18. What is the normal resting heart rate range for adults?

60–100 beats per minute.

19. Which organ produces insulin?

Pancreas.

20. How many teeth does an average adult human have?

32.

Diseases & Conditions

21. What is hypertension more commonly known as?

High blood pressure.

22. Which disease is caused by the deficiency of vitamin C?

Scurvy.

23. Which virus causes chickenpox?

Varicella-zoster virus.

24. What is the medical term for a heart attack?

Myocardial infarction.

25. Which organ is primarily affected by hepatitis?

Liver.

26. What type of diabetes is insulin-dependent?

Type 1 diabetes.

27. What is the medical term for low blood sugar?

Hypoglycemia.

28. Which sexually transmitted infection is caused by a bacterium called *Treponema pallidum*?

Syphilis.

29. What is the most common type of cancer worldwide?

Breast cancer.

30. Which disease did the COVID-19 vaccines aim to prevent?

COVID-19 (caused by SARS-CoV-2 virus).

Pharmaceuticals & Treatments

31. What is the common name for acetylsalicylic acid?

Aspirin.

32. Which drug is used to treat malaria?

Artemisinin (and its derivatives).

33. What is the purpose of a placebo in clinical trials?

To serve as a control and eliminate bias.

34. Which class of drugs is used to lower cholesterol levels?

Statins.

35. What does an antibiotic treat?

Bacterial infections.

36. Which medication is commonly prescribed for depression?

Selective Serotonin Reuptake Inhibitors (SSRIs).

37. What is the antidote for opioid overdose?

Naloxone.

38. Which type of drug is paracetamol?

Analgesic and antipyretic.

39. What is the generic name of Viagra?

Sildenafil.

40. Which vaccine is recommended annually to protect against a specific seasonal virus?

Influenza vaccine.

Medical Innovations & Technology

41. Who developed the first polio vaccine?

Jonas Salk.

42. What does MRI stand for?

Magnetic Resonance Imaging.

43. Which medical device measures blood pressure?

Sphygmomanometer.

44. In what year was the first successful face transplant performed?

2005.

45. What does a pacemaker do?

Regulates the heartbeat.

46. Which technology allows doctors to perform surgery remotely using robotic systems?

Telesurgery / Robotic surgery.

47. What is the main purpose of a ventilator?

To assist or replace breathing.

48. Which wearable device can monitor heart rate and detect irregularities?

Smartwatch with ECG function.

49. What is 3D printing used for in medicine?

Creating prosthetics, implants, and organ models.

50. Which AI tool was used in 2023 to predict protein structures for drug discovery?

AlphaFold.

Public Health & Global Medicine

51. What does WHO stand for?

World Health Organization.

52. Which country spends the highest percentage of GDP on healthcare?

United States.

53. What is herd immunity?

When enough people are immune to a disease, reducing its spread.

54. What is the leading cause of death globally?

Cardiovascular diseases.

55. Which continent is most affected by malaria?

Africa.

56. What does PPE stand for in healthcare?

Personal Protective Equipment.

57. Which vaccine is mandatory for newborns in many countries to prevent tuberculosis?

BCG vaccine.

58. Which organization manages international responses to disease outbreaks?

World Health Organization (WHO).

59. What is the goal of universal healthcare?

To provide health services to all without financial hardship.

60. What is the term for a sudden increase in disease cases in a specific area?

Epidemic.

Latest Medical Developments (2024–2025)

61. In 2024, which AI breakthrough was used to detect early Alzheimer's from speech patterns?

AI voice analysis tools.

62. Which 2025-approved cancer therapy uses personalized mRNA technology?

mRNA-based cancer vaccine.

63. In 2024, which country launched the first AI-powered national health record system?

United Kingdom.

64. Which wearable patch introduced in 2025 can monitor blood glucose without needles?

Non-invasive continuous glucose monitoring patch.

65. Which AI platform in 2025 can design new antibiotics in hours instead of years?

DeepMind's AI drug discovery system.

66. What breakthrough in 2024 allowed partial restoration of spinal cord injuries?

Bioengineered nerve grafts with electrical stimulation.

67. Which 2025 innovation uses nanobots to deliver targeted cancer treatment?

Nanorobotic drug delivery systems.

68. In 2024, which vaccine was approved to prevent RSV in older adults?

Respiratory Syncytial Virus (RSV) vaccine.

69. Which 2025 surgical robot uses AI to adapt movements in real time?

Next-gen autonomous surgical robot.

70. Which AI tool launched in 2024 can diagnose over 50 skin conditions from smartphone images?

DermAssist AI.

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