

COMPRENSIÓN LECTORA: EL IMPACTO BIOLÓGICO DE LA RADIOACTIVIDAD Y LA OBRA DE MARIE CURIE.

PREGUNTA 1 DESCUBRIMIENTO DEL RADIO Y POLONIO.

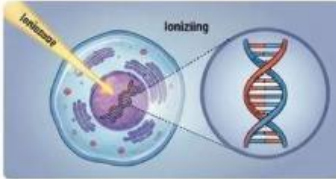


CONTEXTO
Marie Curie trabajó con polonio, con el polonio y el radio, elementos de radiación. El elemento Polonio fue el elemento más radiactivo que se descubrió. No fue hasta años después, cuando se descubrió el radio, cuando se descubrió el elemento más radiactivo. Los elementos de radiación son los elementos de radiación.

PREGUNTA Y OPCIONES
Isolating unknown elements... what surprised scientists?

- A) Heat emission.
- B) Radiation, spontaneous, constant.
- C) Air decomposition.

PREGUNTA 2 ALTERACIÓN CELULAR POR RADIACIÓN.

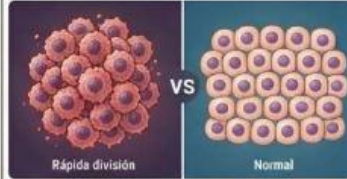


CONTEXTO
Microscopic structures like the nucleus and cytoplasm are affected by radiation. The nucleus is the most sensitive part of the cell. The cytoplasm is the most sensitive part of the cell.

PREGUNTA Y OPCIONES
Which cell structure is critically affected?

- A) Membrane.
- B) Cytoplasm.
- C) Nucleus and DNA.

PREGUNTA 3 VULNERABILIDAD DEL CÁNCER.

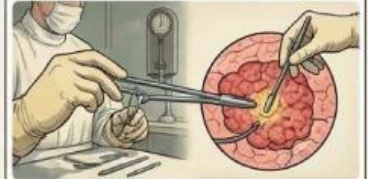


CONTEXTO
In cancer, cells divide rapidly and uncontrollably. This is why cancer is so dangerous. The cells are not controlled by the body's natural defenses.

PREGUNTA Y OPCIONES
Why are cancer cells more vulnerable?

- A) Rápida división.
- B) Lack of defenses.
- C) Exclusive radioactive cells.

PREGUNTA 4 ORIGEN DE LA CURITERAPIA.



CONTEXTO
Historically, medical use of radioactive elements was limited. The use of radioactive elements in medicine is now widespread.

PREGUNTA Y OPCIONES
What was this technique called?

- A) Chemotherapy.
- B) Curiterapia (Radiotherapy).
- C) Thermotherapy.

PREGUNTA 5 LAS "PEQUEÑAS CURIE" EN EL FRENTE.



PREGUNTA Y OPCIONES
What function did the "Pequeñas Curie" mobile units serve?

- A) Antidote of antidote.
- B) Transport medical.
- C) Bone fracture and shrapnel location.

PREGUNTA 6 DAÑOS CRÓNICOS EN LAS MANOS.

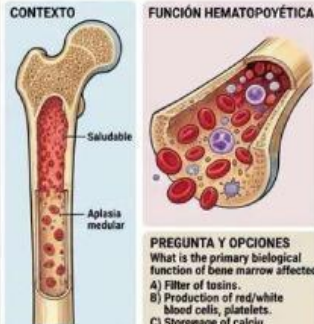


CONTEXTO
Marie Curie's hands were affected by radiation. She suffered from chronic radiation poisoning, which caused her hands to become discolored and swollen.

PREGUNTA Y OPCIONES
What manifestation was visible on her hands?

- A) Blue fingerprints.
- B) Burns, sores, destruction, tissues.
- C) Rapid nail growth.

PREGUNTA 7 EFECTO EN LA MÉDULA ÓSEA.



CONTEXTO
Radiation can damage the bone marrow, which is the source of blood cells. This can lead to aplasia, a condition where the bone marrow is unable to produce blood cells.

FUNCIÓN HEMATOPOYÉTICA.

PREGUNTA Y OPCIONES
What is the primary biological function of bone marrow affected?

- A) Filter of toxins.
- B) Production of red/white blood cells, platelets.
- C) Storage of calcium.

PREGUNTA 9 MEDICINA NUCLEAR MODERNA.



CONTEXTO
Modern nuclear medicine uses radioactive tracers to diagnose and treat diseases. This is a major advancement in medical science.

PREGUNTA Y OPCIONES
Which modern medicine branch is the direct heir of her experiments?

- A) Oncology and Nuclear Medicine.
- B) Neurology and Neurosurgery.
- C) Traumatology and Physical Rehab.

PREGUNTA 10 VISIÓN SOCIAL DE LA CIENCIA.



PREGUNTA Y OPCIONES
According to Marie Curie, how should science relate to society?

- A) Remain strictly neutral.
- B) Not be indifferent to human suffering, seek the common good.
- C) Subordinate to interests of war/industry.