**Test Your Knowledge** - **Investigation**

You are a radiographer and have been working the night shift at Memorial Hospital. During your shift you have taken x-rays on several different patients that came into the emergency room. Review your vocabulary while looking at the diagrams below, and then determine the type of fracture seen on each x-ray. Write the number of the x-ray next to the diagnosis you choose.

|  |  |  |
| --- | --- | --- |
| \_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. | greenstick fracture |
| \_\_\_\_\_\_\_\_\_\_\_\_\_ | 2. | dislocated elbow |
| \_\_\_\_\_\_\_\_\_\_\_\_\_ | 3. | dislocated shoulder |
| \_\_\_\_\_\_\_\_\_\_\_\_\_ | 4. | longitudinal fracture |
| \_\_\_\_\_\_\_\_\_\_\_\_\_ | 5. | impacted fracture |
| \_\_\_\_\_\_\_\_\_\_\_\_\_ | 6. | depressed fracture |
| \_\_\_\_\_\_\_\_\_\_\_\_\_ | 7. | comminuted fracture |
| \_\_\_\_\_\_\_\_\_\_\_\_\_ | 8. | spiral fracture |
| \_\_\_\_\_\_\_\_\_\_\_\_\_ | 9. | closed fracture |
| \_\_\_\_\_\_\_\_\_\_\_\_\_ | 10. Colles’ fracture |
| \_\_\_\_\_\_\_\_\_\_\_\_\_ | 11. open fracture |
| \_\_\_\_\_\_\_\_\_\_\_\_\_ | 12. transverse fracture |

**X-RAYs**

1. AP Radius & Ulna 2. AP Radius & Ulna



|  |  |  |
| --- | --- | --- |
| Open or Closed Fx? | Open or Closed Fx? |  |
|  |  |
| 3. Lateral Thumb | 4. Shoulder |  |
|  |  |



What’s wrong with this shoulder?

Type of fx?

5. AP & Lateral Wrist



Type of fracture?

6. Lateral Elbow



Type of fx?

|  |  |  |
| --- | --- | --- |
| 7. Femur | 8. Skull |  |
|  |  |



|  |  |  |
| --- | --- | --- |
| Type of fx? | Type of fx? |  |
|  |  |

9. Lateral forearm-child



Type of fx?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 10. | PA wrist | 11. | Lateral elbow |  |
|  |  |  |



|  |  |  |
| --- | --- | --- |
| Type of fx? | Type of pathology? |  |
|  |  |
| 12. AP tibia/fibula |  |  |



Type of fracture?