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| **Across****2.** caused by disruption of blood vessels with blood dispersing through the tissues**5.** is NOT a diagnosis but a description of decreased bone density inconsistent with age, race, genetics**6.** - metabolic disease with delayed or inadequate mineralization of osteoid in mature or compact bone (Rickets in children)**14.** bone infection form parasites or bacteria**15.** breaks down extracellular matrix, bone chewing**16.** needed to absorb calcium**17.** chronic disease of connective tissue that may involve organs with a clinical sign of butterfly rash**20.** metabolic bone disorder where rate of bone resorption accelerates as bone formation slows- loss of bone mass**21.** complete tear separation of tendon or ligament from its bony attachment**22.** connects bones to bones | **Down****1.** a protective mechanism to prevent further injury**3.** released by thyroids when blood calcium is too high, inhibiting release from bone**4.** compromised circulation with increased pressure resulting in nerve and muscle death**7.** reservoir for calcium, phosphorus, magnesium**8.** bone building cells**9.** live in mature bone and maintains extracellular matrix**10.** contains synathroses, diathroses, synovial membrane, menisci**11.** chronic systemic inflammatory autoimmune disease causing inflammation of connective tissue, especially symmetrical joints**12.**  oxygen and food can diffuse through this gel**13.** lateral curvature of the spine **18.** hormone that maintains serum calcium levels and prevents excessive serum phosphate**19.** connects muscles to bone |