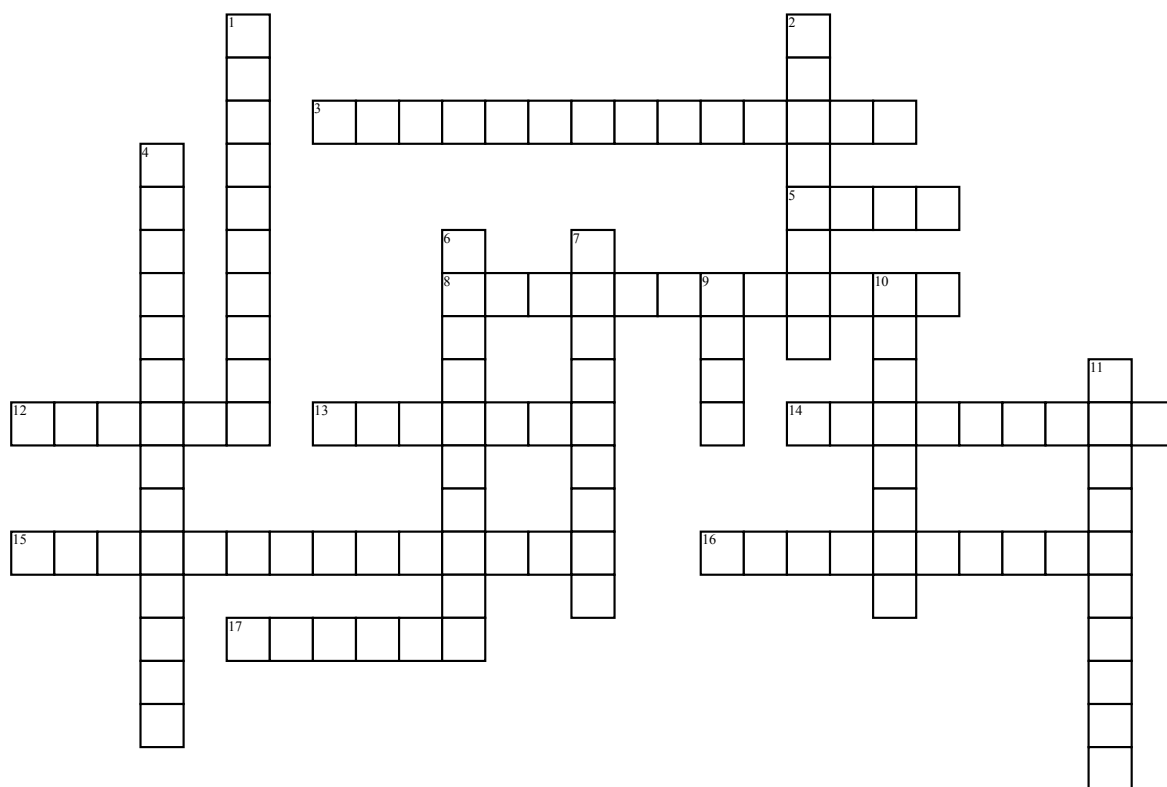


# Fractures



## Across

**3.** Occurs most commonly in sports when muscles become too fatigued to absorb shock and transfer the impact to the bone causing a tiny crack.

**5.** Fracture repair is \_\_\_\_\_ for 3 reasons.

**8.** Deterioration of bone tissue resulting in low bone mass.

**12.** “S-shaped” fracture line that twists around the bone.

**13.** Fracture line at angle to long axis.

**14.** Fracture line is incomplete and perpendicular to the long axis.

**15.** Occurs most commonly in sports when muscles become too fatigued to absorb shock and transfer the impact to the bone causing a tiny crack.

**16.** A balanced diet rich in calcium and vitamin D, a healthy lifestyle (no smoking/excessive alcohol) and bone density testing and medication where appropriate is all \_\_\_\_\_ for osteoporosis

**17.** Surface of fracture on the skin is intact.

## Down

**1.** Fracture of epiphysis (common in children) (similar to avulsion).

**2.** Fracture in which the bone fragment is separated from the rest of the bone.

**4.** Formation of fracture, formation of a callus and remodelling are stages of...

**6.** Fracture with bone broken into 2 or more fragments.

**7.** Fracture with fragments driven away from their normal location.

**9.** Surface of fracture on the skin is broken.

**10.** Fracture with bone ends jammed into each other.

**11.** Incomplete fracture to immature bone (usually children).