

Nail Structure

Across

1. Folds of normal skin that surround the natural nail plate

2. Part of the nail plate that extends over the tip of the finger or toe.

7. Hardened keratin plate that sits on and covers the natural nail bed. It is the most visible and functional part of the natural nail unit.

11. Dead, colorless tissue that attached to the natural nail plate

12. Visible part of the matrix that extends from underneath the living skin; it's the whitish, half moon shaped at the base of the nail

13. Thin layer of tissue that attaches the nail plate and the nail bed

14. Tough band of fibrous tissue that connects bones or holds an organ in place

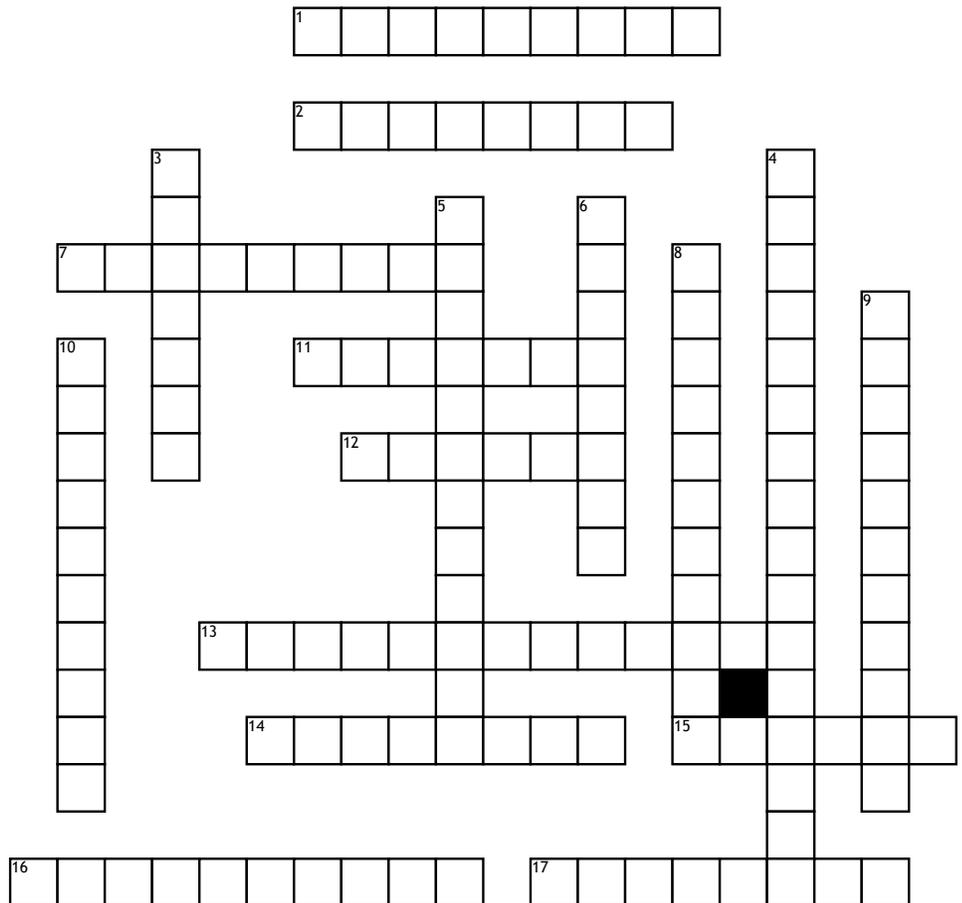
15. Area where the nail plate cells are formed; this area is composed of matrix cells that produce the nail plate.

16. Furrow on each side of the nail

17. Composed of several major parts of the fingernail including the nail plate, nail bed, matrix, cuticle, eponychium, hyponychium, specialized, ligaments, and nail fold.

Down

3. Portion of the living skin that supports the nail plate as it grows toward the free edge



4. When the nail is abnormal in shape or form

5. The tissue bordering the root and sides of the fingernail or toenail

6. Also known as lateral nail fold

8. Slightly thickened layer of skin under the nail that lies between the fingertip and free edge of the natural nail plate

9. Also known as onyx

10. Living skin at the base of the natural nail plate that covers the matrix

