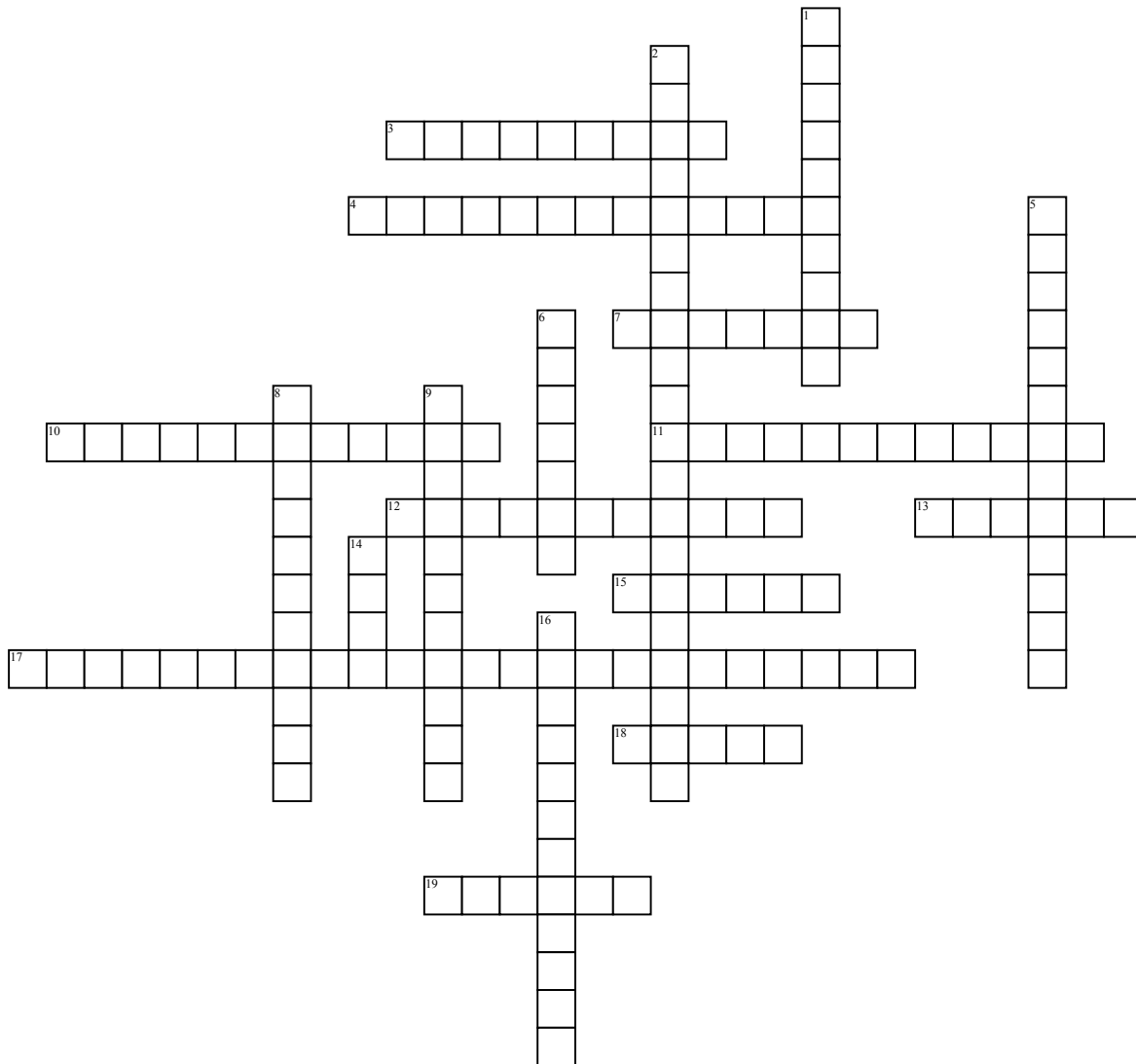


Chapter 22: Principles of Drug Administration



Across

- 3.** catheter inserted directly into the vein for drug administration
4. discharge or escape of fluid from a vessel into the surrounding tissue that can cause localized vasoconstriction
7. within the GI tract
10. puncture of a vein
11. beneath the skin
12. within a vein
13. inside of the mouth
15. inserted into the rectum

- 17.** drug administration by a route other than GI tract typically by injection through vein
18. concentrated mass of pharmaceutical preparation
19. small sealed glass container that holds a single dose of parenteral solution in a sterile condition

Down

- 1.** beneath the tongue
2. medication that is delivered by intravenous push or infusion directly to the vein

- 5.** within muscle tissue
6. applies to certain area of the skin and affecting only area where applied
8. within or between the layers of skin
9. entering through the skin
14. small glass bottle containing multiple doses of a drug
16. infusion of liquid directly to the vein