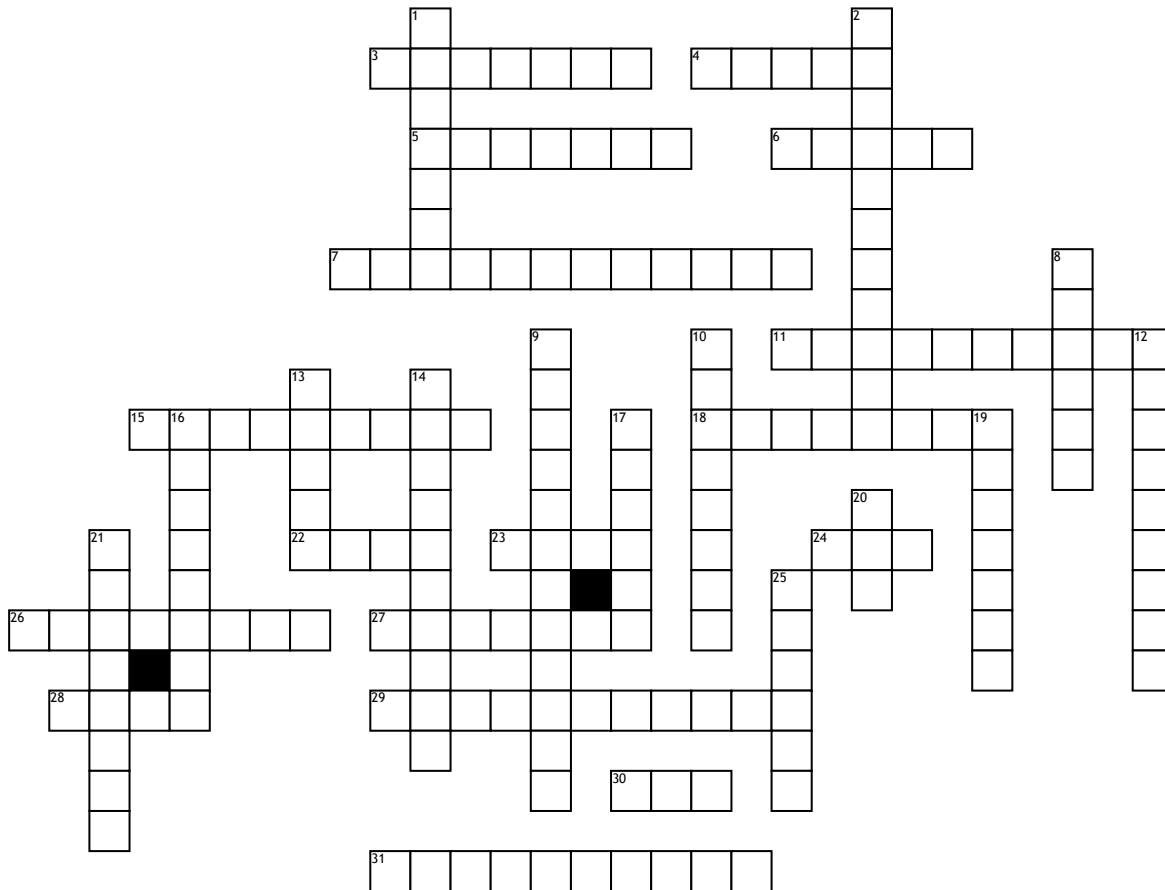


Surgical Instrumentation and terminology



Across

3. Forceps that have longitudinal grooves and are designed for larger pedicles
4. Hinged, sharp-tipped, are commonly used to retract muscle and skin during approaches to the spine or long bones
5. Angled metal tube allows very fine control of suction but produces maximal trauma when misused; used during neurosurgery or orthopedic procedures
6. Suction tip protected by a fenestrated cover -preventing inadvertent suction trauma; are used during abdominal procedures
7. Scalpel handles used most commonly in small animal surgery
11. Scissors used in delicate tissue only
15. Wide, flexible retractor that may be bent to any angle to facilitate retraction; most often used in abdominal surgery to retract friable organs such as the liver
18. These forceps are used primarily in grasping skin
22. Retractor with one rake-like end and one smooth end These are often used during muscle retraction in orthopedic approaches

23. Scissors used for cutting dense connective tissue (fascia)

24. The most common application of this blade would be to initiate an incision into the ureter

26. Have a basket shaped tip with multiple holes to allow directed suction, but minimize suction trauma - used in thoracic surgery

27. Atraumatic forceps used in grasping blood vessels or delicate organs such as the bladder or bowel

28. Fixation

29. Short fine needle holders that are held in pencil grip fashion allowing suturing of delicate tissues. They are used most commonly in ophthalmologic procedures

30. Blade used primarily in stab incisions into hollow viscera such as the bladder or intestine

31. Forceps used most commonly in small animal surgery

Down

1. Self-retaining abdominal retractor used commonly during exploratory celiotomy

2. Self-retaining rib retractors used during thoracotomy

8. Formed or shaped

9. Scalpel handle used in large animal surgery, compatible with #20 blades

10. Suffix meaning suture

12. Medium sized needle holders most commonly used in small animal surgery

13. Suffix for binding

14. Needle drivers similar to Mayo-Hegar but have a scissor mechanism just distal to the box lock

16. These retractors have blunt + right angled ends

17. Creation of a stoma or mouth- usually a long term opening

19. Have an hourglass shape, these retractors are used to lever the tibia cranially during stifle arthrotomy, facilitating evaluation of the menisci

20. These large convex blades and are designed for linear incisions in skin or other connective tissue

21. To pierce

25. To excise or remove