

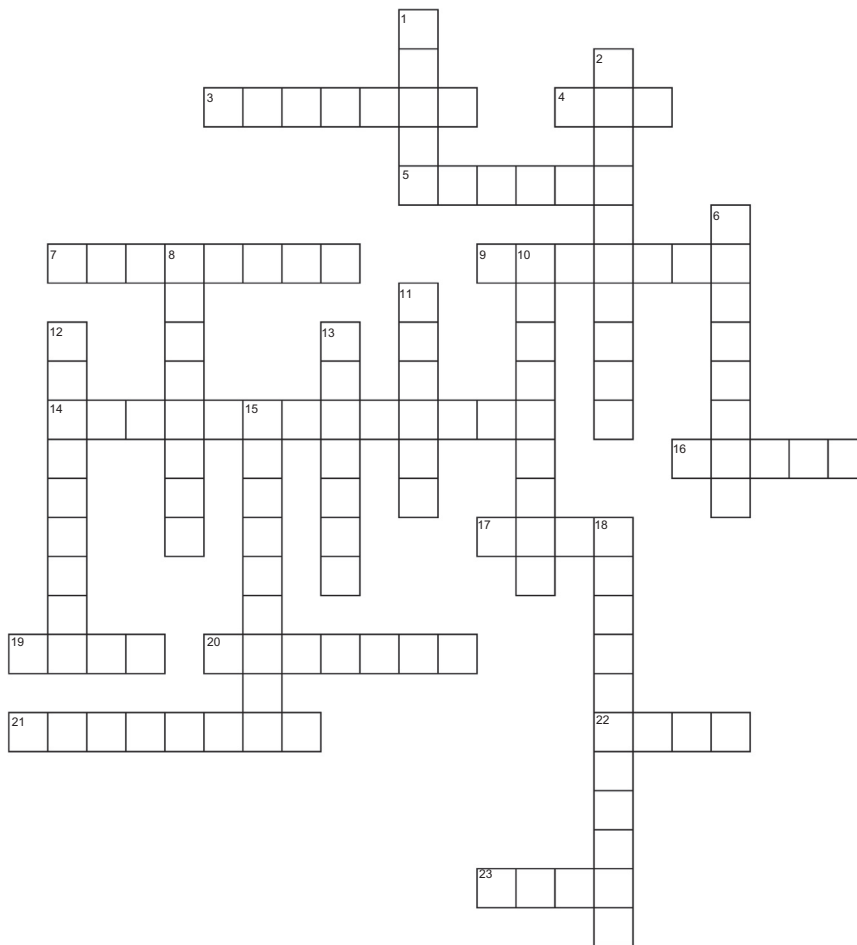
Cruciverbalist Challenge for Arthroscopic and Related Surgeons



Crosswords were first published in the United States more than 100 years ago. Crosswords offer a unique opportunity to reinforce passively acquired knowledge in an active learning capacity. This crossword puzzle was designed with the intention to appeal to and challenge arthroscopic surgeons. It tests their comprehension and retention of recent articles relating

to arthroscopy. All clues and answers have references attached, citing either *Arthroscopy* or *The American Journal of Sports Medicine*.¹⁻²⁴ Our hope is that if some clues seem difficult, the player may be motivated to review the cited article. Please find the Answer Key ([Appendix 1](#)) online at www.arthroscopy.org.

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Please find the Answer Key ([Appendix 1](#)) online at www.arthroscopyjournal.org.

ACROSS

3. Along with other problems, this lifestyle habit can increase shoulder rotator cuff cell death.¹⁴
4. This knee ligament works to control rotation along with the anterior cruciate ligament (ACL) (*abbrv*).¹⁷
5. This procedure decreases risk of conversion to knee replacement in patients with medial meniscus posterior root tears.⁴
7. Improvement in this outcome measure is seen after shoulder biceps interference screw fixation versus soft-tissue tenodesis.¹⁰
9. Hip arthroscopy in patients with Ehlers-Danlos syndrome should address both the labrum and the ____.¹²
14. If a rotator interval portal is used during shoulder SLAP repair, the ____ nerve is at greater risk than with an anterosuperior portal.¹⁶
16. Abnormality of this structure of the knee may predispose men to ACL injury.¹
17. This hamstring autograft factor does matter for outcomes after knee ACL reconstruction.^{15,21}
19. This material performs better biomechanically than suture.⁹
20. On histologic assessment, soft-tissue tendon grafts show better ____ with suspensory fixation versus screw fixation.²⁰
21. This type of triceps repair shows biomechanical superiority to transosseous cruciate repair.⁵
22. Knee ACL reconstruction with an all-inside technique results in less ____ than with a full tibial tunnel.¹³
23. Abbreviation of the nerve most at risk during hip arthroscopy portal placement.²³

DOWN

1. This is the most common nerve injured in elbow arthroscopy.⁶
2. This imaging modality is associated with less pain with hip joint injections.³
6. Use of bone–patellar tendon–bone allograft in knee ACL reconstruction results in a higher chance of ____ when compared with bone–patellar tendon–bone autograft.²²
8. A hip capsular shift will decrease extension but only minimally affects ____ rotation.¹¹
10. Early knee ACL reconstruction decreases the chance of ____ relative to late ACL reconstruction.¹⁸
11. This surgeon-specific variable is a determinant of total hip conversion rate after hip arthroscopy.¹⁹
12. Hip labral length is increased with this condition.⁸
13. Tissue ____ may be more important than time to surgery for knee ACL repair.⁷
15. Arthroscopic shoulder biceps suprapectoral tenodesis has a higher rate of this complication relative to open subpectoral tenodesis.²⁴
18. Adding this substance to irrigation fluid may improve visualization during shoulder arthroscopy.²

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Appendix 1. Answer Key

