

Comparison of the accuracy of telehealth examination versus clinical examination in the detection of shoulder pathology

Can doctors still tell if someone has a rotator cuff tear during an online visit?



Why and How We Did This Study

A lot of people don't live near doctors who specialize in shoulder problems, so they wait longer for help and stay in pain. We wanted to see if telehealth could be a good option, which is like a doctor's visit over video.

We did a study with 50 patients who were at least 40 years old and had shoulder pain. Patients did both in-person and virtual visits to see if the doctors could tell if they had a rotator cuff tear.



We want to say a big THANK YOU to everyone who made this research possible

Questions? Contact us at sportsmed_research@dm.duke.edu

Doctors used an MRI to see how torn each patient's rotator cuff was. Then, they compared the MRI results to what the doctors thought during the in-person and online visits. They found that in-person and online visit had about the same accuracy.



What We Learned from the Study



From the study, we learned that online visits were just as accurate as in-person visits at finding rotator cuff tears. We still need more research to see if online visits work as well for other types of injuries. This might help certain patients get treated faster. It's also important to make sure patients are still happy with the care they get during online visits.

You can learn more about this study in the <u>Journal of Shoulder and</u> <u>Elbow Surgery</u>