

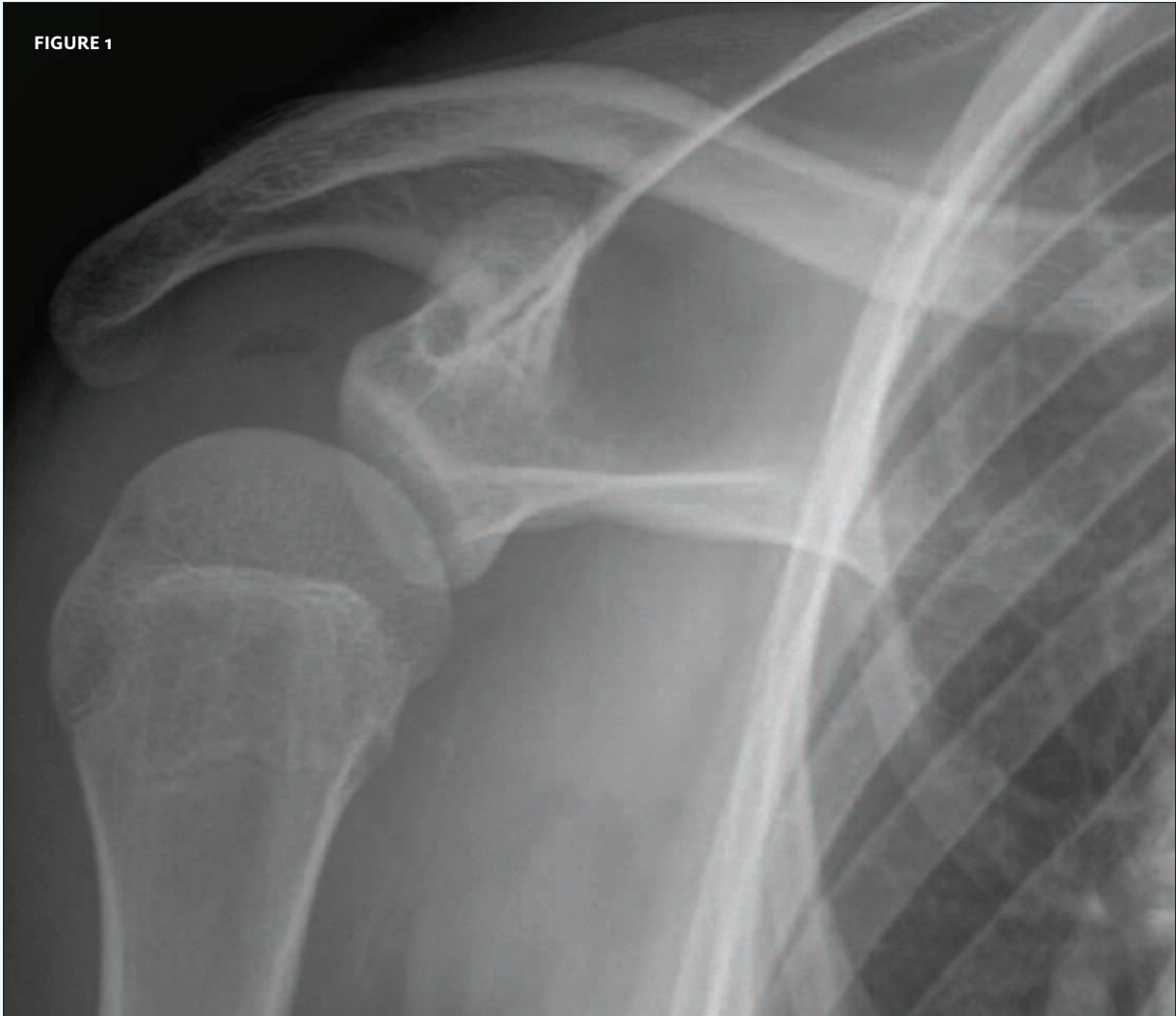


INSIGHTS IN IMAGES CLINICAL CHALLENGE

In each issue, *JUCM* will challenge your diagnostic acumen with a glimpse of x-rays, electrocardiograms, and photographs of dermatologic conditions that real urgent care patients have presented with.

If you would like to submit a case for consideration, please e-mail the relevant materials and presenting information to editor@jucm.com.

FIGURE 1



The patient is a 19-year-old male who complains of pain after receiving a blow to the shoulder.

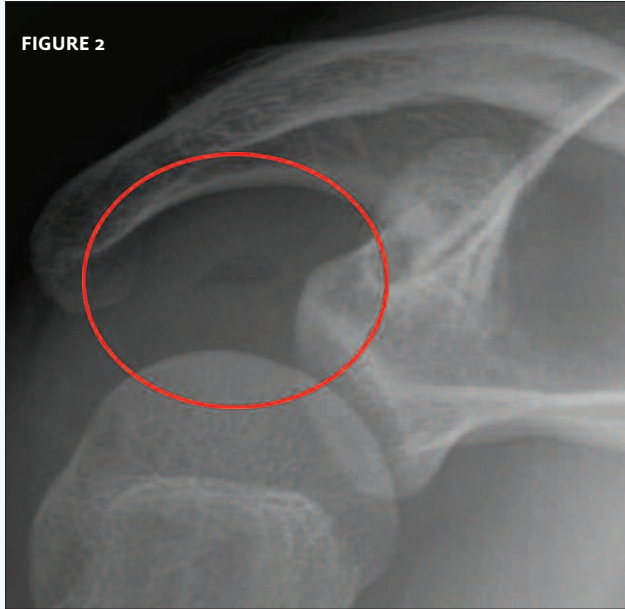
Range of motion is limited due to pain. The patient is otherwise healthy.

View the x-ray taken (**Figure 1**) and consider what your diagnosis and next steps would be.

Resolution of the case is described on the next page.

THE RESOLUTION

FIGURE 2



The correct reading of the image is pseudosubluxation of the shoulder, which refers to inferior displacement of the humeral head relative to the glenoid by fluid in the joint cavity, either hemarthrosis or lipohemarthrosis. This is not a true dislocation.

The radiograph demonstrates a crescent-shaped, low density region representing fat layering above blood within the joint space. The humeral head is inferiorly displaced—but not dislocated—due to distension of the joint.

No fracture line was seen on this film.

Early follow-up with an orthopedist is important. Immediate management is a sling and ice.

Acknowledgment: Case presented by Nahum Kovalski, BSc, MDCM, Terem Emergency Medical Centers, Jerusalem, Israel.

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