

[PICTURES IN CLINICAL MEDICINE]

A Baseball Player with a Swollen Arm

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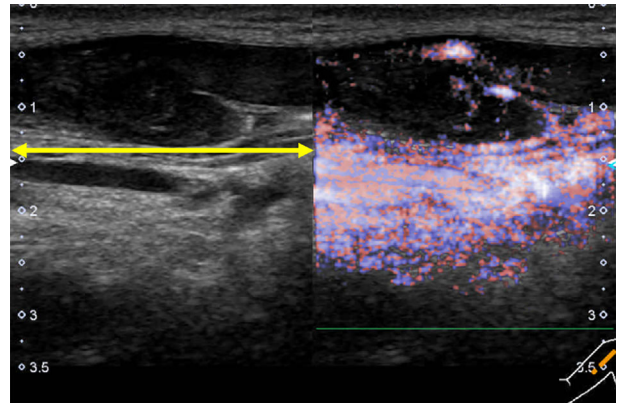
Key words: thrombosis, upper limb swelling, effort-induced

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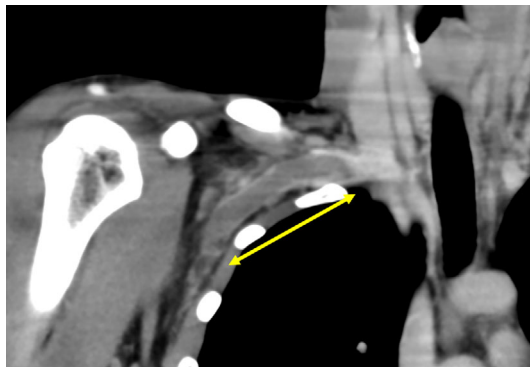
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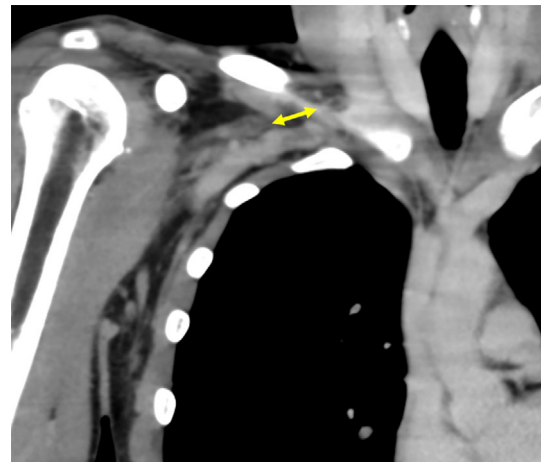
Picture 1.



Picture 2.



Picture 3.



Picture 4.

A 23-year-old right-handed baseball player visited our hospital with nominal swelling of his right arm (Picture 1). Ultrasonography and contrast-enhanced computed tomography revealed a thrombus from the subclavian vein to the axillary vein (Picture 2, 3). He was diagnosed with Paget von Schroetter syndrome (PSS) and treated by catheter-directed thrombolysis with urokinase followed by the administration

of direct oral anticoagulant. By the next day, the swelling had improved, and the size of the thrombus had reduced (Picture 4). There was no recurrence for six months. PSS is effort-induced thrombosis of the axillary and subclavian

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veins related to thoracic outlet syndrome (TOS). Activities such as baseball, wrestling, and swimming, among others, carry a risk of PSS (1). Imaging, such as ultrasonography, venography and contrast-enhanced computed tomography, is key for the diagnosis. The recanalization rate depends on the time until clot formation (2). PSS should be suspected in cases of unilateral upper limb swelling in athletes.

The authors state that they have no Conflict of Interest (COI).

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