Case Report: Scapulothoracic Dissociation with Floating Elbow in a Patient

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Introduction:

Scapulothoracic dissociation is a rare and mortal condition of "closed forequarter amputation" and it is usually associated with multiple trauma.

Case Report:

In this case report, we present a 22 years old female patient with a motor vehicle accident. Unconscious patient with Glasgow Score of E1M1V1 is intubated at the emergency department. Humerus shaft fracture and forearm both bone fracture is detected at x-rays. Extravasation from the subclavian artery is determined at CT-Angiography and endovascular embolization is done.

Emergent cardiovascular surgery for subclavian artery repair is performed and exploration of brachial plexus showed total avulsion of all roots. After fasciotomy and temporary stabilization of fractures with splinting, the patient is followed at intensive care unit for two days. But exitus of the patient is confirmed at the postoperative second day.

Discussion:

Scapulothoracic dissociation is a rare but mortal condition. Prognosis depends on nerve injury and associated injuries.