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Pain in the right upper limb: pulmonary thromboembolism in young women taking contraceptives

*Juan Pablo García Paine, A Saez Gómez, M del Mar Aguilar Díaz, M Pérez Caravante
Emergency Department, Hospital Vithas Parque San Antonio, Málaga, Spain*

Corresponding author: Dr Juan Pablo García Paine, Servicio Andaluz de Salud, Emergency, Málaga, Spain. E-mail: juanpablogarciapaine@yahoo.es

Personal Background: Female, 38 years. In hormonal IVF treatment for 18 days.

Current Illness: Attend pain in arm and right shoulder since last night that he radiates to neck and back. The pain increases with certain movements and deep inspiration. No fever or signs of infection.

Physical examination: good overall condition. No tachypnea. Afebrile. O₂ saturation of 98%. Heart rate of 100 beats per minute. Normal lung sounds. No tenderness of the muscles.

Investigations: You will be performed x-ray did not show signs of pathology. ECG: sinus rhythm without pathological findings.

Evolution: Because os taking contraceptives and clinical patient presenting a possible pulmonary embolism is suspected, so the patient was admitted to the observation area and are asked for blood tests: with Dimer D 8826 (normal value <500). She underwent pulmonary CT angiography evidenced filling defects distal to right pulmonary artery branches of the middle lobe, lingula and branches of both basal pyramids, compatible with pulmonary thromboembolism. Anticoagulant treatment is initiated with enoxaparin. Enter ground where he completed studies Ecodoppler of inferiors and echocardiogram members, both being normal.

Conclusion: In medicine, clinical history and are the most important parts in the assessment of pathology. Taking contraceptive treatment of IVF was the trigger that made us be alert for the diagnosis of an urgent pathology.