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Title: Rib fracture caused by coughing in a young patient

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Body: Introduction: A cough is a voluntary or involuntary explosive expiration that protects the lungs against aspiration and promotes the movement of secretions and other airway constituents upward toward the mouth. Rib fracture which is caused by coughing usually occurred due to underlying pathologic factors such as osteoporosis, renal failure, metastatic tumors. We presented a young patient with rib fracture caused by coughing. Case Report: A 33- year old man has admitted with the complaint of immediate onset and localized left sided chest pain which was occurred due to coughing induced by upper airway infection. The history of patient was not significant and he had no injury to his chest. The crepitation and tenderness were determined on his physical examination. The thorax computed tomography was revealed a rib fracture on the left tenth rib. When we evaluate him for an endocrihnopathy, we did not find any abnormality. We decided that his rib fracture was occurred due to coughing.

Conclusion: A rib fracture should be considered in mind in a patient who admitted with immediate onset and localized chest pain.