

symptoms between attacks. Pain resulting from pancreatitis is typically aching epigastric pain that radiates to the back.

Musculoskeletal and Other Causes (See also Chap. 360) Chest discomfort can be produced by any musculoskeletal disorder involving the chest wall or the nerves of the chest wall, neck, or upper limbs. Costochondritis causing tenderness of the costochondral junctions (*Tietze's syndrome*) is relatively common. Cervical radiculitis may manifest as a prolonged or constant aching discomfort in the upper chest and limbs. The pain may be exacerbated by motion of the neck. Occasionally, chest pain can be caused by compression of the brachial plexus by the cervical ribs, and tendinitis or bursitis involving the left shoulder may mimic the radiation of angina. Pain in a dermatomal distribution can also be caused by cramping of intercostal muscles or by herpes zoster (Chap. 193).

Emotional and Psychiatric Conditions As many as 10% of patients who present to EDs with acute chest discomfort have a panic disorder or related condition (Table 14-1). The symptoms may include chest tightness or aching that is associated with a sense of anxiety and difficulty breathing. The symptoms may be prolonged or fleeting.

APPROACH TO THE PATIENT

Chest Discomfort

Given the broad set of potential causes and the heterogeneous risk of serious complications in patients who present with acute nontraumatic chest discomfort, the priorities of the initial clinical encounter include assessment of (1) the patient's clinical stability and (2) the probability that the patient has an underlying cause of the discomfort that may be life-threatening. The high-risk conditions of principal concern are acute cardiopulmonary processes, including ACS, acute aortic syndrome, pulmonary embolism, tension pneumothorax, and pericarditis with