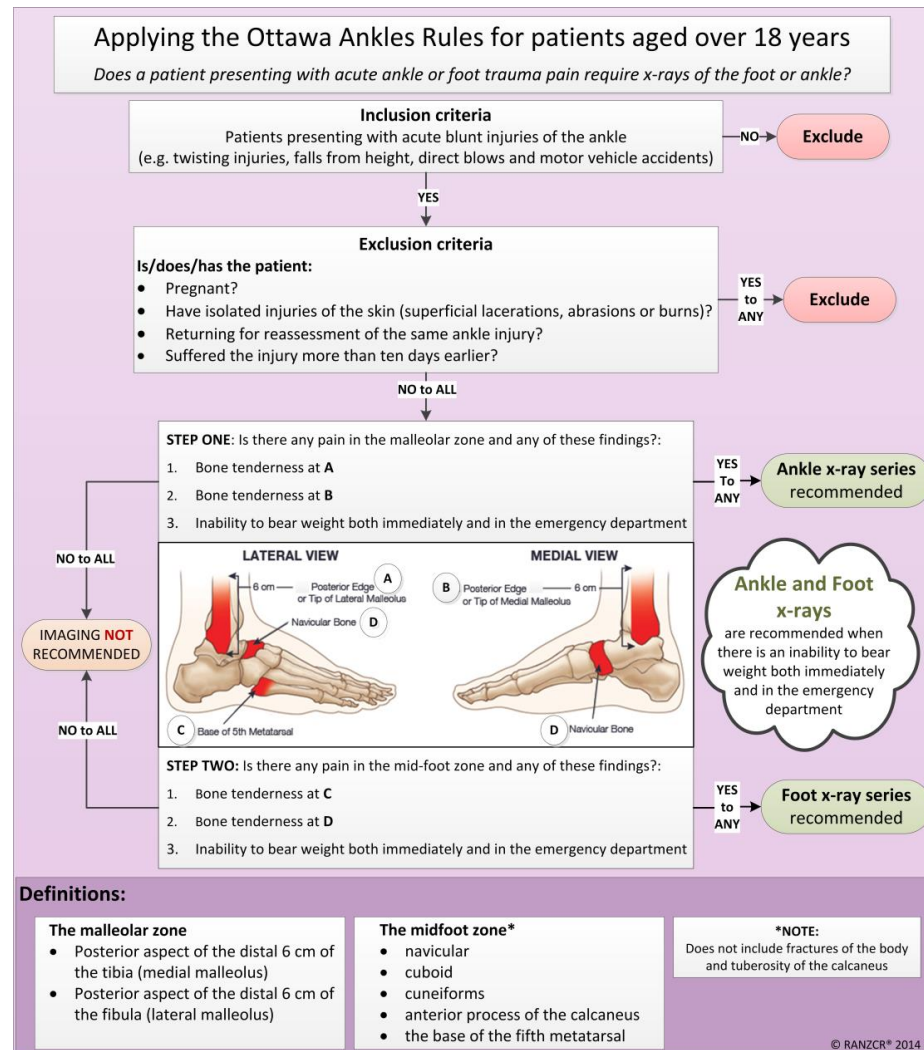


Ottawa Ankle Rules (Adult)

Algorithm:



Summary Statement:

The Ottawa Ankle Rules (OARs) aim to determine if a patient presenting with acute ankle or foot trauma pain requires radiographs of the foot or ankle.

The derivation study for the OARs used an adult population as its subjects but extensive validation studies have shown that the OARs can be safely applied to both the adult and paediatric populations. Validation studies by Bachmann et al have found that OARs have an almost 100% sensitivity in many studies in differing clinical settings. Used appropriately, they reduce the unnecessary performance of radiographs by 30-40%.

Reference:

Stiell IG, Greenberg GH, McKnight RD, Nair RC, McDowell I, Worthington JR. A study to develop clinical decision rules for the use of radiography in acute ankle injuries. *Ann Emerg Med.* 1992; 21(4): 384-90.