A Rare Fracture That Ottawa Ankle Rules Are Insufficient: Isolated Posterior Malleolus Fracture

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My disclosure is in the Final AOFAS Mobile App.

I have no potential conflicts with this presentation.
• One of the most frequently injured joint during sports activities is the ankle joint.
• The most common injuries are ankle ligament injuries but ankle fractures are also relatively common.
• Isolated fracture of the posterior malleolus is rare
• When the diagnosis is missed, chronic ankle problems may occur.
• A 23 year-old male patient admitted to our emergency department with the complaint of ankle pain after fall
• Ottawa ankle rules (OAR) for need for xray applied.
• OAR was negative.
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• Radiographic examination was planned because of the pain that wasn’t incompatible with clinical examination.
• A fracture line at posterior malleolus observed.
• As it contains less than 25% of the joint surface, conservative treatment planned and below-knee cast is applied.
• Due to different mechanism of occurrence it is hard to diagnose isolated posterior malleolus fracture with using Ottawa ankle rules..
• For this reason, when clinical manifestation is incompatible with radiologic appearance, diagnose of isolated posterior malleolus fracture should be kept in mind
References


