

Radiology quiz: Musculoskeletal

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A 30-years-old man presented with a seven to eight months history of a painless, progressively increasing hard mass on the palmar aspect of the right middle finger, located at the level of the PIP joint, causing mild restriction of the movement at the same joint. There was no history of trauma.

The radiograph of the middle finger in the lateral projection is shown [Figures 1 and 2].

What is your diagnosis?



Figure 1: Lateral radiograph of the middle finger of the hand



Figure 2: Lateral radiograph of the middle finger of the hand shows a well-defined, oval, osseous mass on the ventral aspect of the middle phalanx at its base (white arrow) with neither any obvious attachment nor periosteal reaction of the underlying cortex (black arrow).

There are two quizzes in this issue, this one and the next. Readers are requested to send in their answers to quiz@ijri.org, stating their name in full (first name and last name required, otherwise the answer will not be considered), quiz name and the answer. (e.g. Radiology Quiz: Abdomen, followed by the answer). Please do not give a differential diagnosis. The last date for submission of answers to this issue's quizzes, is December 15, 2007. The names of those who have answered correctly will be posted in the subsequent issue with the quiz answers. At the end of the year, those with the maximum correct answers will be given a special mention.