A Comparative Study of Techniques for Bone Age Assessment using Image Processing

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Abstract

Bone age assessment is an innovation which empowers us to determination the age bone with the help PC picture preparing and assessment of the computerized perceptions. In this review paper we have reviewed various methods for bone age assessment like active shape modeling random forest regression method, Greulich & Pyle method, Tanner and Whitehouse method and RUS method with their advantages and disadvantages. All of the above methods provide effective assistance in processing phase of the bone age assessment.

References


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Index Terms

Computer Science  Image Processing

Keywords

Bone age, Regression, Region of interest (ROIs), Fragment, Carpal Bone, Wrist Bone, Radiographic.