Bone Fracture Detection and Classification using Image Processing

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Abstract: *Bone fractures are not unusual in humans due to harm or numerous causes, along with bone cancer, and so on. A fracture in any bone in our frame, along with the ankle, heel, ankle, hip, rib, leg, chest. And others than many. Fractures can't be seen with the bare eye, in order that they can be detected on X-ray/CT. However, every so often these pix aren't accurate sufficient for analysis. Currently, image processing performs a essential role in the detection of bone fractures. Image processing is crucial for the storage and transmission of updated data, specially for revolutionary photograph transmission, video coding (teleconferencing), digital libraries, photographic databases and remote sensing. This article proposes to discover imaging techniques for detecting bone fractures. This article will train the person to research the art of bone fracture detection the use of image processing and new techniques to improve fracture detection. This article also presents the technologies used to create a photographic method for tamper detection gadgets, with pros and cons*

Keywords: Bone fracture, Deep Learning, Fracture detection, CNN

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