Abstract

Few years back X-Ray film based technology was very popular in use. Though it was widely used but it required a lot of improvisation, and digitalization was a very good way. Through Digital Radiography a complete hard copy process got shifted to a complete soft copy one. The advantages of Digital Radiography over the conventional method are mentioned in the paper. There is also a workflow described in this paper. We have also mentioned the advantages and disadvantages of this method (OpenEMR). Methods to detect the problems in the workflow and a wireless system are suggested for preventing the errors caused during the transmission of data. Even this method has flaws but we have suggested few solutions for them.

References

2. DOI 10.1007/s10278-014-9748-2
3. Website: healthandwelfare.idaho.gov/Portals/0/MedicalLicensingCertification/RecordretentionReqs.pdf (Accessed on 2nd March 2016, at 5:00pm).
7. Website: bwif.org/wifi_disadantages.html. (Accessed on 6th March 2016 at 4:00pm).

**Index Terms**

Computer Science  
Wireless

**Keywords**

OpenEMR; Digital Radiography; PACS; DICOM; wi-fi network