

TECHNOLOGY ASSESSMENT BETWEEN DIGITAL RADIOGRAPHY AND COMPUTED RADIOGRAPHY.

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Background/Objective: In Prasat Neurological Institute the X-ray machine is use more than 10 years and need to buy the new one.The current medical technology has advanced and a wide choice.To get the most benefit to patients and to make appropriate budget, the decision to purchase expensive medical machine need regard of technology assessment. The digital radiography system are divided to Digital radiography(DR) and Computed radiography(CR). The objective of this study is to compare the two technologies, in terms of the advantages and disadvantages and to increase knowledge about the machines with the most advanced technology in the present and the future.

Method: The Searching information of digital X-ray CR and DR from journal articles published in the media, Pub med site and The digital CR and DR Systems questionnaire answered by technologist in x-ray department at the Ratwithi hospital and two Private hospitals are using digital radiography system.