

## عنوان مقاله:

Evaluation of PACS system with economic interests approach in 5th Azar Educational Hospital in Gorgan

## محل انتشار:

دومین کنفرانس بین المللی دستاوردهای نوین در علوم مهندسی و پایه (سال: 1393)

تعداد صفحات اصل مقاله: 5

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## خلاصه مقاله:

Picture Archiving and Communications System (PACS) enables storage and transmission of medical images electronically in different branches of the Teaching Hospitals. The main purpose of this study is to estimate the direct economic savings and benefits resulting from PACS usage in 5th Azar Hospital. The present study is descriptive, analytical and also cross sectional which focuses on the launch of the new system in teaching hospitals. Among the 14 university hospitals of Golestan Province, 5th Azar Hospital was selected as a pilot and the PACS system was established. Then with the cross sectional sampling of cost in the months before and after the launch of the PACS system in 5th Azar center, significant difference was seen in cost and profitability before and after system startup. This confirms the effectiveness of the system. After launching a pilot system (PACS) in 5th Azar imaging center in 2013, there was a 75.19 percent reduction in the cost of raw film. This resulted in saving about 10866 Rial for each Graph or CT test.

## کلمات کلیدی:

PACS, Medical Images, Economic Savings

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/358738>

