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**PATIENT MRI UTILIZATION BEFORE AND AFTER IRANIAN HEALTH CARE REFORM IN SHIRAZ GOVERNANCE HOSPITAL**

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**Background and aims:** This study aimed to compare MRI utilization in governmental hospital 6 months before and after Iranian health care reform in equal 6 months for 92&93.

**Methods:** This is cross sectional study and data gathered from R&D department of Shiraz University of medical sciences and for data analysis used excell2007 and calculated utilization index.

**Results:** The total number of MRI scans in 92 was (31613) and in 93 (35175). Average of inpatient admissions in 92 was (653) and for 93 (763) while the average utilization in 92 for outpatient was (4615) and this average for 93 is (4600) and utilization Index for inpatient is (1/16) and also for outpatient is (0/98).

**Conclusion:** results indicate increase for inpatient utilization after reform. It seems that inpatient health coverage by government increase the possibility of induced demand by service

provider after Iranian health care reform are important reasons for this changes in utilization index. It's important to monitoring all aspects by applying appropriate rules and prevents waste of resources and expanding justice for utilization of services.