

ABSTRAK

STUDI KELAYAKAN INVESTASI PENAMBAHAN ALAT *MAGNETIC RESONANCE IMAGING* (MRI) DI RUMAH SAKIT "X" JAKARTA PUSAT

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Penelitian ini membahas kelayakan dari investasi penambahan alat MRI 1,5 Tesla di Rumah Sakit "X" Jakarta Pusat. Penelitian ini di desain dengan metode analisis deskriptif dengan rancangan studi kasus. Data dikumpulkan dengan penelitian lapangan melalui interview dan observasi, dan juga penelitian kepustakaan. Metoda analisis data pada penelitian ini adalah aspek mutu pelayanan (waktu tunggu, pelaksana ekspertisi, kerusakan foto, dan kepuasan pasien) dan aspek keuangan (*benefit cost ratio*, *payback period*, *net present value*, dan *internal rate of return*). Hasil penelitian menunjukkan bahwa penambahan alat MRI 1,5 Tesla layak untuk dilakukan di Rumah Sakit "X" secara aspek mutu pelayanan dan aspek keuangan. Implikasi dari penelitian ini adalah walaupun aspek mutu pelayanan tidak memenuhi standar yang ditetapkan oleh kementerian kesehatan tetapi penambahan alat MRI dapat meningkatkan kualitas pelayanan dengan memberikan peningkatan jumlah tindakan dan pendapatan rumah sakit.

Kata kunci: waktu tunggu, pelaksana ekspertisi, kerusakan foto, kepuasan pasien
benefit cost ratio, *payback period*, *net present value*, dan *internal rate of return*

ABSTRACT

FEASIBILITY STUDY OF INVESTMENT IN THE ADDITION OF MAGNETIC RESONANCE IMAGING (MRI) DEVICE IN "X" HOSPITAL, CENTRAL JAKARTA

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This study discusses the investment feasibility in the addition of a 1.5 Tesla MRI device at the "X" Hospital, Central Jakarta. This study employs descriptive analytic based on case-study design. Data is collected through field research using interviews and observations, and also literary research. The data analysis method in this research is based on service quality aspect (waiting period, expert overread, picture damage, and patient satisfaction) and financial aspect (benefit cost ratio, payback period, net present value, and internal rate of return). The result of this study shows that the addition of MRI 1.5 Tesla equipment is feasible to be done in the "X" Hospital based on service quality aspect as well as financial aspect. The implication of this research is that even though the service quality aspect does not meet the standards set by the ministry of health, the addition of MRI equipment can improve the quality of service by enabling an improvement in medical procedures and also hospital income.

Keyword: waiting period, expert overread, picture damage, patient satisfaction benefit cost ratio, payback period, net present value, and, internal rate of return