

Table 3**Perceived barriers and related possible interventions**

Perceived barrier	Possible barrier-related intervention strategies
A Finance	Provide documentation on return on investment. Show profitable examples from other EMR implementations. Provide financial compensation.
B Technical	Educate physicians and support ongoing training. Adapt the system to existing practices. Implement EMR on a module-by-module basis. Link EMR with existing systems. Promote and communicate reliability and availability of the system. Acquire third party for support during implementation.
C Time	Provide support during implementation phase to convert records and assist. Provide training sessions to familiarize users. Implement a user friendly help function and help desk. Redesign workflow to achieve a time gain
D Psychological	Discuss usefulness of the EMR Include trial period. Demonstrate ease of use. Start with voluntary use. Let fellow physicians demonstrate the system. Adapt system to current medical practice.
E Social	Discuss advantages and disadvantages for doctors and patients. Information and support from physicians who are already users. Ensure support, leadership, and communication from management.
F Legal	Develop requirements on safety and security in cooperation with physicians and patients. Ensure EMR system meets these requirements before implementation. Communicate on safety and security of issues.
G Organization	Redesign workflow to realize a better organizational fit. Adapt EMR to organization type. Adapt EMR to type of medical practice
H Change process	Select a project champion, preferably an experienced physician. Let physicians (or representatives) participate during the implementation process. Communicate the advantages for physicians. Use incentives. Ensure support, leadership, and communication from management.

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