Electronic
Medical Records

Submitted by :-

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Introduction

An electronic (digital) collection of medical information about a person that is stored on a computer. An electronic medical record includes information about a patient's health history, such as diagnoses, medicines, tests, allergies, immunizations, and treatment plans.

Displays the complete patient chart on a single screen and allows you to compare the results over a period of time.

Promotes legible, complete, and up-to-date patient medical records, thereby helping reduce medical errors.

Supports electronic prescriptions and investigation orders, which are automatically routed to respective pharmacies, laboratories, and imaging centres.

Provides easy access to test results and imaging reports.

Provides an automated Favourites list to store frequently used entries.

Allows quick access to patient medical and efficient records, enabling improved diagnosis and treatment and a more coordinated care.

Research and Objectives

- **RESEARCH QUESTIONS:**

- What is the current level of consumer knowledge in the Indian healthcare system towards electronic health?
- What are the existing practices in e health in India?
- What are the customers online sources of health information?

- **OBJECTIVES**

- To explore the current level of consumer knowledge in the Indian Healthcare Sector related to Electronic Health.
- To understand current practices in e-Health.
- Identifying the targeted customer's online sources of health information.

Methodology

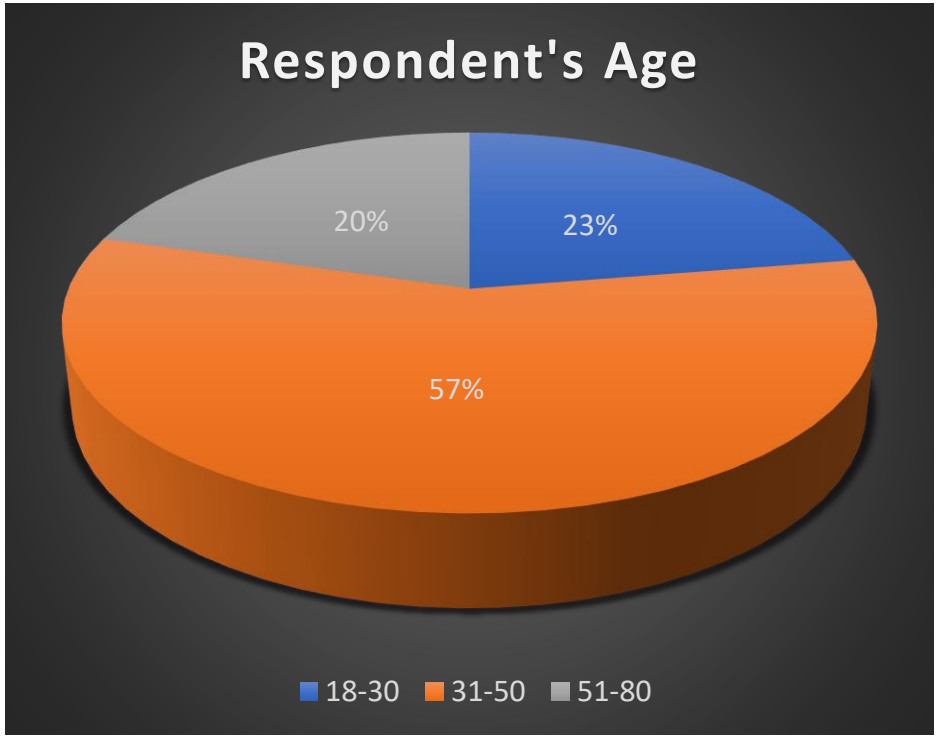
- **Study type** – A descriptive cross-sectional study
- **Study duration** – 3 months
- **Sample size** – 98 respondents were taken between age group 18-70

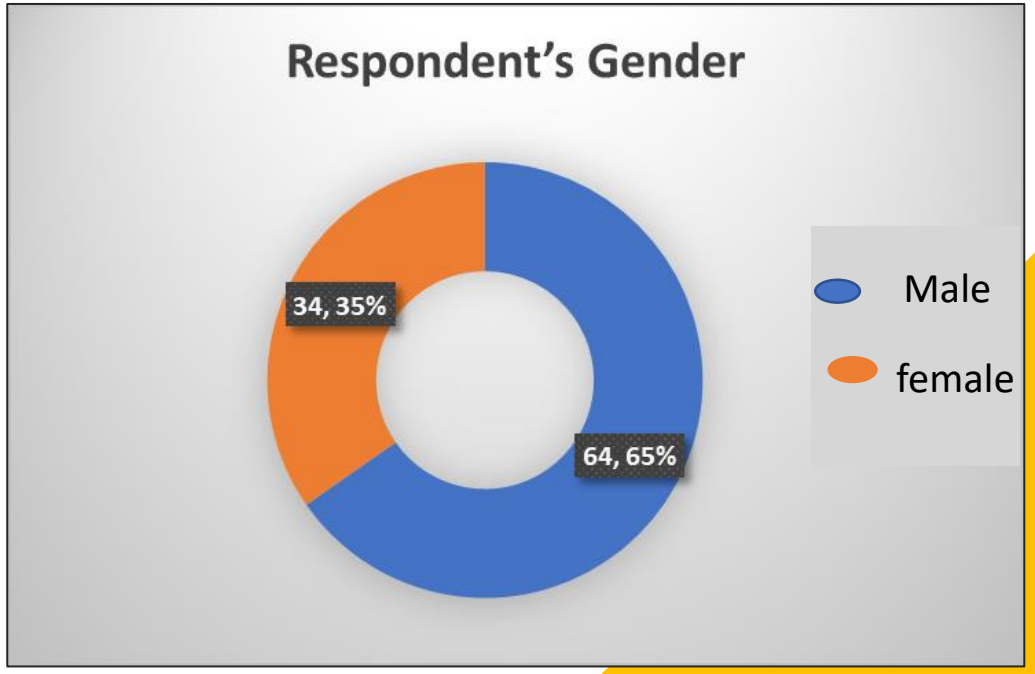
- **Technique of data collection –**

A Google form was used to collect the information. The survey asked about e-health as well as the respondent's name, age, and gender, as well as other demographic questions.

- **Methodology Used -**

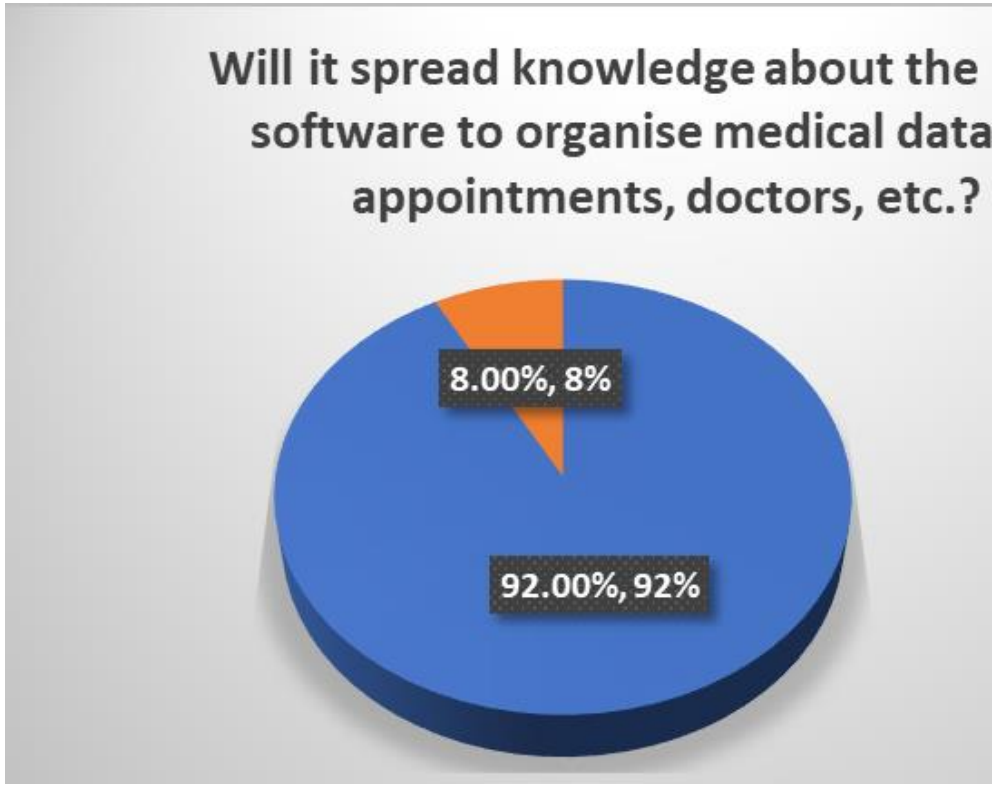
Use of MS Excel was done to analyze data


Respondent's Age
20%
23%
57%
18-30
31-50
51-80


Respondent’s Gender
34, 35%
64, 65%
Male
female

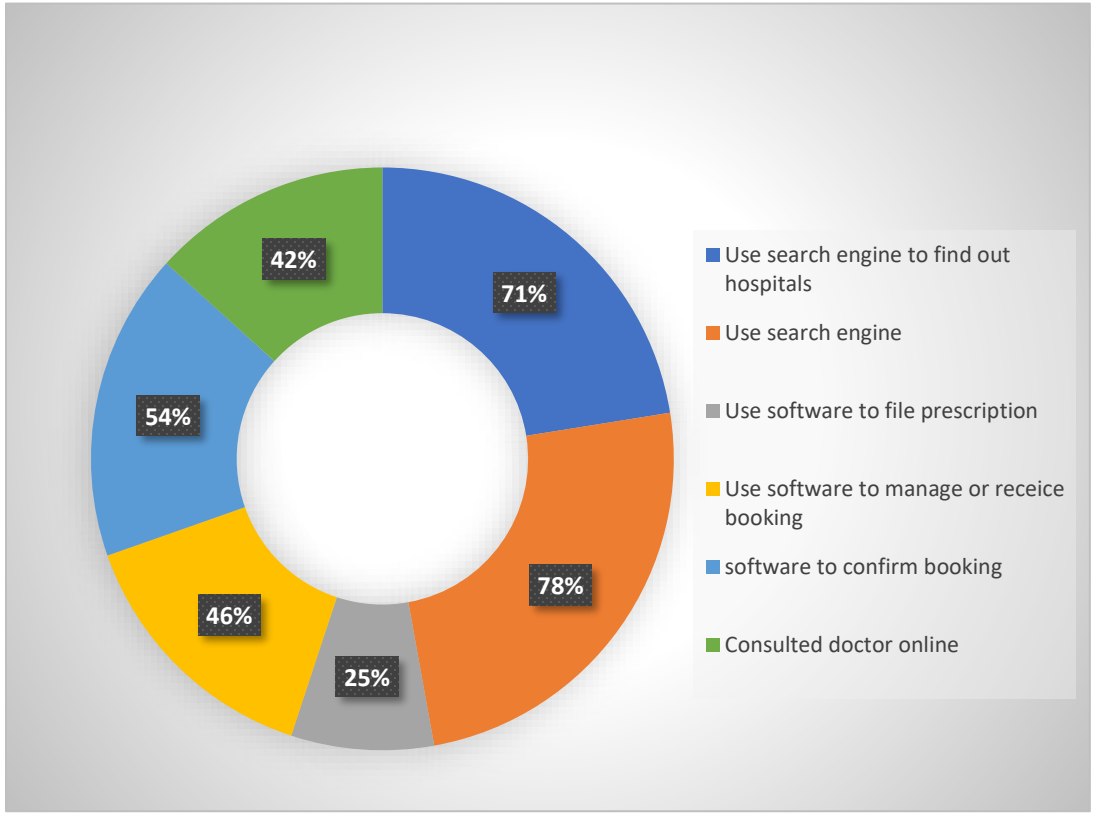
E-Health Services-Understanding by the respondent

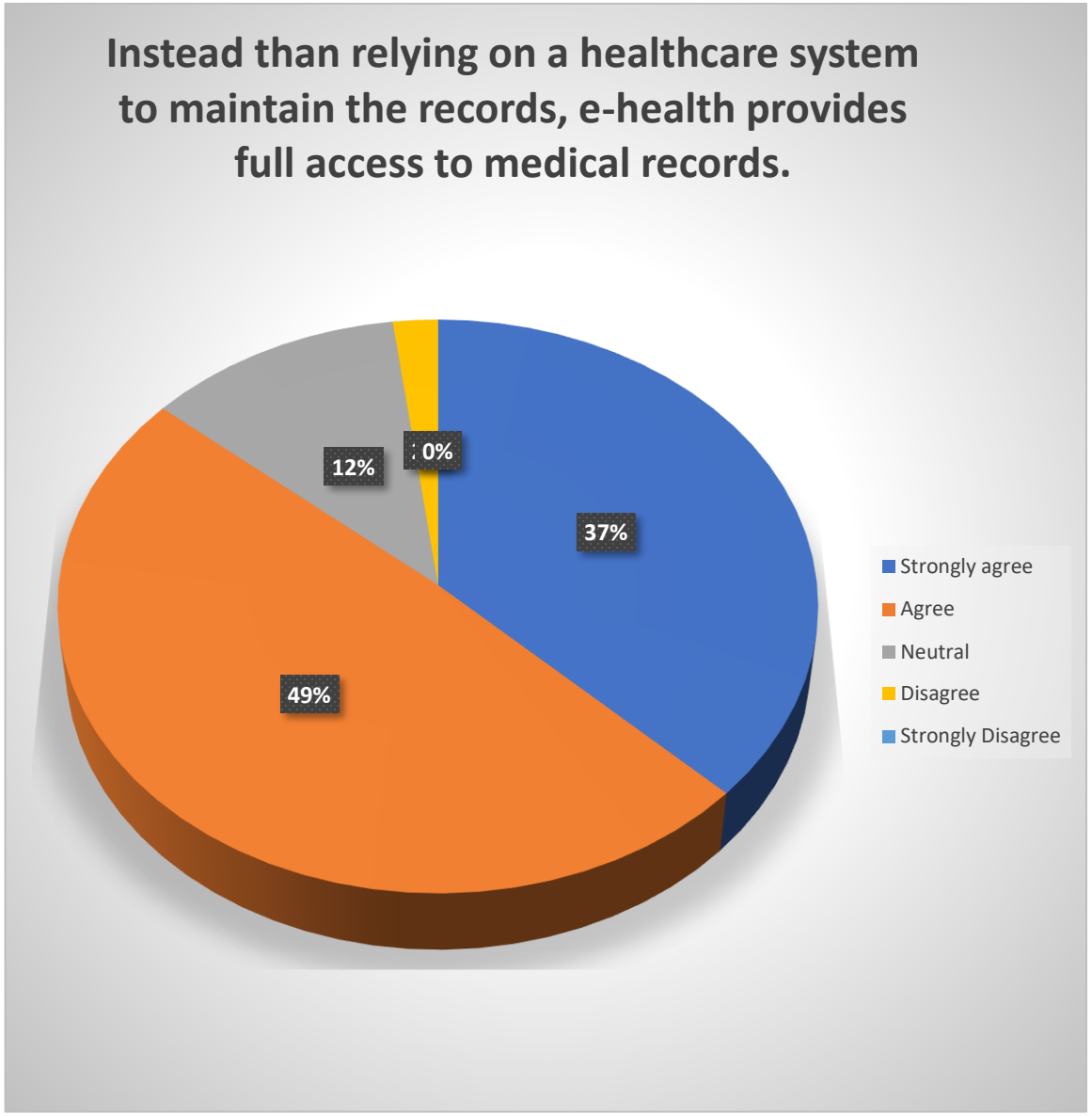
- We can infer from the statistics above that 8% of respondents are not aware of the many internet platforms utilized for different activities, while the rest respondents are.



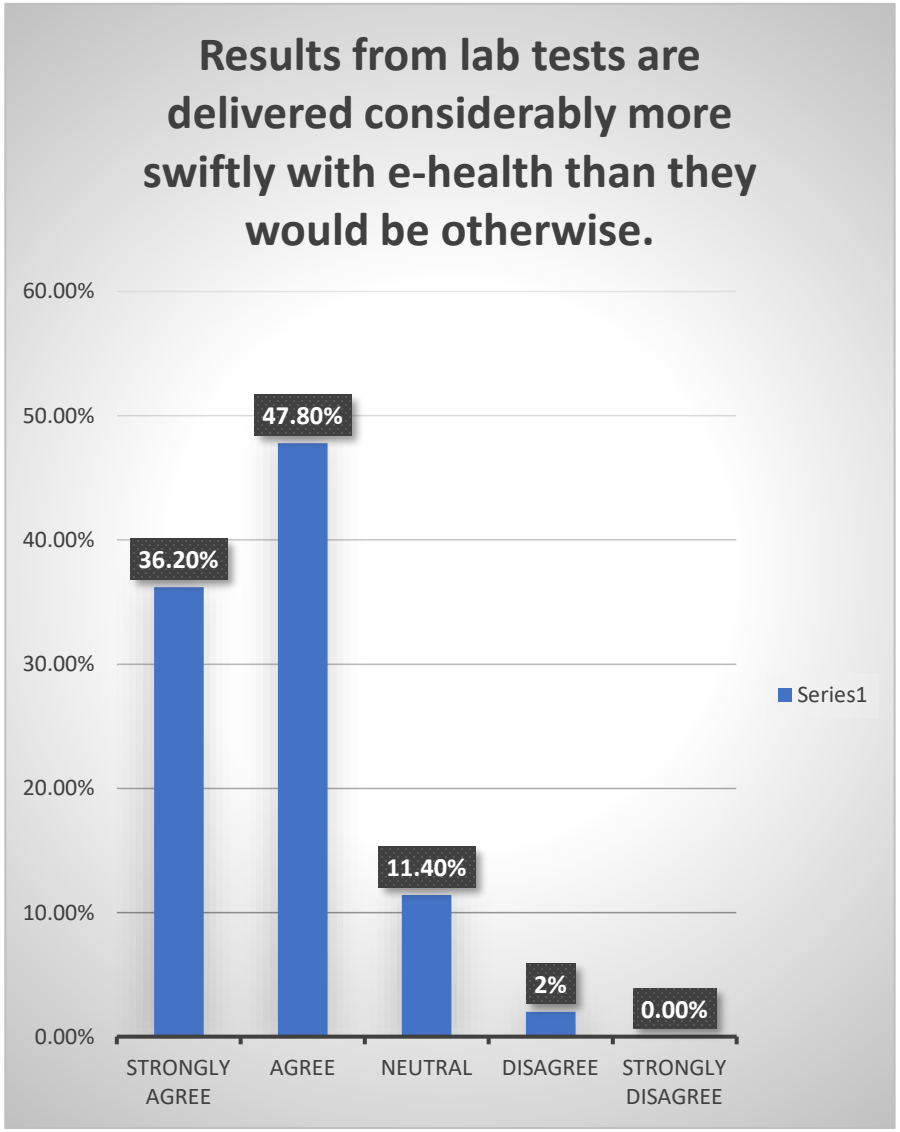
Various uses of E-health Services

- According to the graph above, 71% of individuals utilise various search engines to find various hospitals.
- About 78% of patients utilise hospital software to confirm their appointments online, while 42% consult doctors online.
- Approximately 25% of people utilise software to submit prescriptions.
- With the aid of software, 54% of respondents have confirmed their reservations.

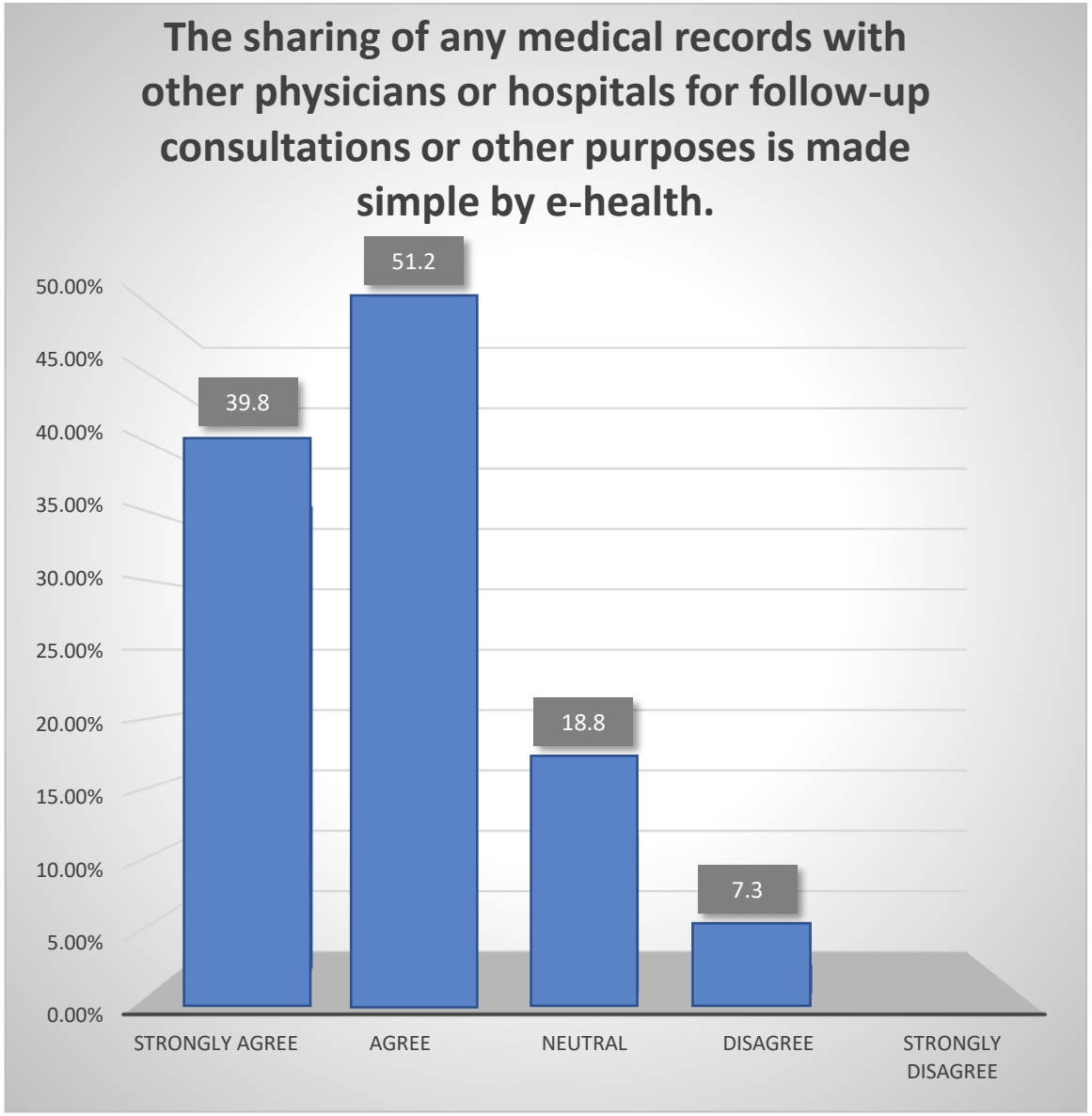




- According to the graph above, 86% of people find it convenient to rely on their medical records rather than carry about paper copies of them.



- Most respondents (83%) concur that lab results may be obtained more quickly through digital inventions than in the past.
- Rest of the population are either incurious or do not agree.



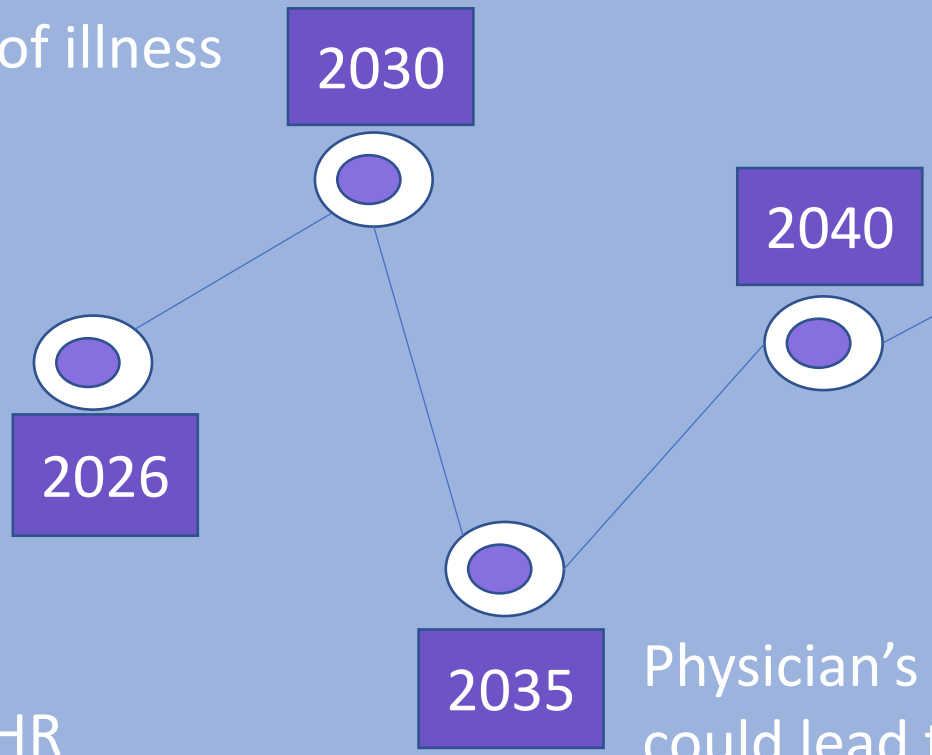
- The majority of respondents think it is simple to share their medical details in case of a second opinion.

Recommendations

1	2	3	4	5
Leadership assumes a significant part in effective EHR execution. The doctor ought to urge to give greatest selection of EMR and those with most elevated compliances ought to be recognize as Super User which will support different clients.	Supporting Infrastructure: Consultant ought to get entire IT framework with quick Internet association	Focus on centre proficiency instead of too many component demands. Make savvy layouts, as per the hospital need, Immunization Chart and Nutritional Chart. See the current trends going on	Training necessities to happen consistently.	Raise mindfulness and excitement for the execution cycle. Timetable gatherings to talk about the significance and advantages that an EHR offers and take for suggestions for future improvement

Future aspects

A combination of consumer wearables connect to a patient's smartphone to alert for early signs of illness



Utilization of health data with predicative modelling to put together a care plan for a current or future issue

Autonomous dictation automatically updates the EHR with concise notes

Physician’s decision support could lead to the best possible outcomes based on big data computation.

Thank you