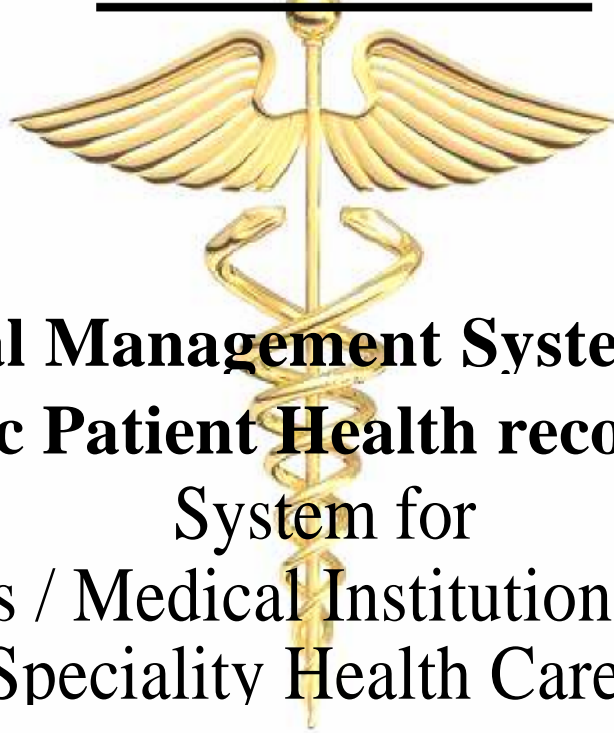


# HMS & EPHR



**Hospital Management System (HMS )  
Electronic Patient Health record (EPHR)  
System for  
Hospitals / Medical Institutions / Clinics /  
Multi Speciality Health Care Units.**

In association with Mans EHR Systems Pvt.Ltd, Pune.



## HMS and EPHR:

Hospital Management System (HMS) and Electronic Patient Health record (EPHR)

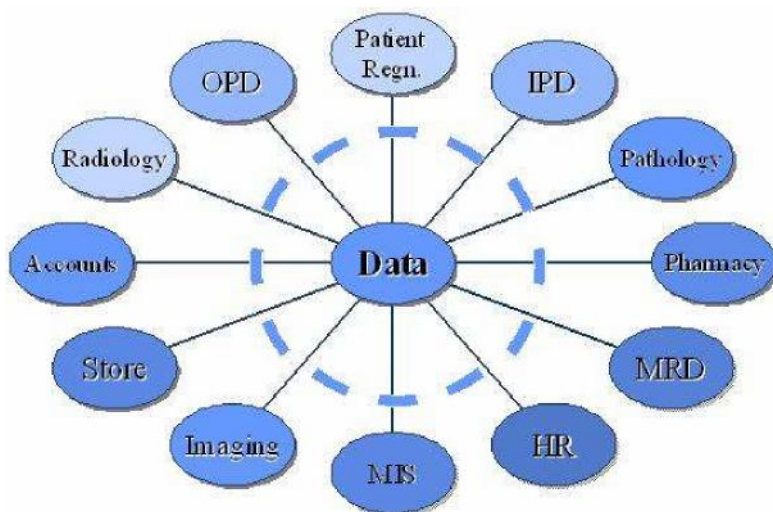
## HMS and EPHR:

Hospital Management System (HMS) and Electronic Patient Health record (EPHR) is an integrated system which helps to speed up the hospital management as well as patient record keeping.

## Why is it important?

Government of India is coming up with new regulations on

- 1) To keep and maintain patient records,
- 2) To update hospital facilities on regular basis with district authorities,
- 3) Report some of the reports in electronic formats such as FORM 16 for sonography centers.



**HMS** - local server based system which involves all the essential features for managing individual specialty to institutional hospitals.

## Features of HMS

It works on hospital management work flow. Detail process flow is shown in separately attached file.

It is equally efficient for one to multi-faculty hospitals when centrally managed.

Each doctor has access to his patient's record directly and he can share the complete or part of the record with other doctor if needed.

It is completely customizable, all the features (e.g. in built examination to reduce doctors typing load) and format of reports can be easily modified by Doctors or any administration who has rights to change.

It is streamlined with minimal steps/click in the software to follow the hospitalization process i.e. from admission of patient till discharge (both for OPD and IPD)

It can generate various types of reports such OPD, IPD-discharge report, billing reports, referral charges reports based on doctor, patients.

It takes into account all departments of hospital- reception, consulting, diagnostic laboratories, room allocation, operation theatre, ICU, billing and pharmacy.

## How is it different than other HMS

- > All the reports (investigation) and records of patient are kept and available in the digital form and are therefore integrated, so the complete information can be retrieved any time.
- > It can be synchronized with hospital pharmacy, giving doctors immediate intimation on availability of medicine,-suggestion on alternative medicine etc.
- > All the investigation request can be sent to the laboratories or diagnostic center via web- (provided the diagnostic center uses EPHR)
- > It will have an optional feature to upload FORM 16 from sonography centers directly to web-based records (mandatory by Govt. of Maharashtra in certain districts).
- > Various hospitals can be connected through HMS to share facilities like operation theater, diagnostic facilities etc.

Healthcare Challenges	HMS/EPHR Benefits
<p><b>Improve quality of care:</b> Healthcare providers are striving to reduce reliance on handwritten records and implement better systems to efficiently document patient interactions, automate communications, track procedures and prescriptions, and provide clinical best practices based on clinical knowledge base systems.</p>	<ul style="list-style-type: none"> <li>• Improves patient care through greater access to information</li> <li>• Curtails medical errors due to paper-based systems</li> <li>• Reduces test result wait times</li> <li>• Reduces patient wait times with faster, easier workflow</li> <li>• Reduces adverse drug events (ADEs) with electronic prescribing (eprescribing)</li> </ul>
<p><b>Enhance productivity and organizational workflow efficiency:</b> Successful healthcare organizations depend on the productivity of caregivers and the efficiency of staff. Too often, skilled caregivers spend most of their time completing paperwork instead of treating patients. Simply maintaining paper-based records can be an enormous challenge, as staff must deal with lost charts, duplicate records, and records that are not available for days or weeks during transcriptions.</p>	<ul style="list-style-type: none"> <li>• Helps improve efficiency of mobile caregivers and staff</li> <li>• Helps increase speed of diagnosis and treatment</li> <li>• Decreases paperwork for clinicians</li> <li>• Reduces record-keeping time</li> <li>• Improves caregiver productivity and optimizes workflow efficiency</li> </ul>
<p><b>Better information and improved communications at the point of care:</b> Frequently patient records, test results, and other critical data are not available when needed, are often misplaced, and in some cases, are completely lost.</p>	<ul style="list-style-type: none"> <li>• Reduces the possibility of misplaced and lost records</li> <li>• Helps ensure that patient records, test results, and other critical data are available when needed and are not misplaced or lost</li> <li>• Helps caregivers obtain better information at the point of care</li> <li>• Enables more flexible access to information for mobile caregivers at point-of-care</li> <li>• Integrates communications</li> </ul>
<p><b>Reduce costs:</b> Healthcare costs are rising due to inefficiencies of paper-based, manual processes such as expenses for transcription of physicians' dictated notes; pulling, filing, and maintaining charts; and maintenance of record storage.</p>	<ul style="list-style-type: none"> <li>• Reduces paperwork and record filing and retrieval</li> <li>• Recover physical storage space with digital records</li> <li>• Reduction in paper and supply costs</li> <li>• Decreased staffing for chart management</li> <li>• Decreased staffing resulting from improvements in workflow</li> </ul> <p>Reduction in transcription costs</p>
<p><b>Protect privacy of patient records:</b> Regulations for patient record privacy place stringent demands on healthcare providers to protect patient information while implementing electronic methods for sharing with other caregivers and patients.</p>	<ul style="list-style-type: none"> <li>• Provides resilient security to protect patient record information across the entire wired and wireless environment</li> <li>• Compliance with privacy regulations</li> </ul>

> Technical support is always available to avoid any type of inconvenience and to insure non-stop working of hospital.

**EPHR:** EPHR is a web-based system which keeps the record of patients synchronized to the local hospital HMS and can be accessed from remote location via internet.

- It is a web-based electronic health record system and is synchronized with HMS to get updated information about patients health record
- The patients record can be accessed from remote location, while travelling. Doctor, if wishes, can share the family history, patients partial or complete records, his investigation reports such as blood reports with other doctor/s in different places
- In future, we aim to give access to patient for his record so that he can retrieve the information which doctors discloses and also get his advice.
- EPHR is also a tool to request and receive reports from various diagnostic labs such MRI, X-ray which are available in electronic form

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## **Advantages of EPHR**

- It can remotely accessible, so doctor need not physical present in the hospital to treat patients
- For visiting consultants, it is useful as they can use their travel time to read and get prepared for patients
- Doctors can generate demographic data of his patients based on geography, diseases, flow of patients, medicines etc.
- One unique feature of EPHR is : Doctor don't need to wait for reports (in physical form) to come, they get intimation electronically when laboratory report (e.g. blood report) is generated and is intimated to doctor automatically.
- Doctor can either read it directly or can turn up at hospital after reports have come instead of waiting in the hospital.

We are happy to give DEMO of this software\*, and will also have technical support anytime via remote location to avoid any interruptions.

We are happy to serve you make hospital management easier, faster and clean!

With best regards

**FOR Amey Incorporation**

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\* Software require certain Hardware requirements

