

# ONLINE MEDICINES INFO. SERVICES

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## ABSTRACT

*India is a land of millions with different people of different age groups. This aims at the basic concept and that is health. Here no one is living a healthy life and because of this it puts the lives on the verge of end. The only aid for this cure are medicines. They give a small moment of satisfaction. But this needs to spread amongst the masses. The application aims at providing the information about the medicines regarding any kind of problem because life is short, so live it to the fullest*

## INTRODUCTION:

Online Medical Information (OMI) is the term used in this paper to refer to internet-based remote patient-doctor (consumer-provider) medical consultations. OMI can be regarded as part of telemedicine where the term "Remote Consultation" refers to "consultation via remote telecommunications, generally for the purpose of diagnosis or treatment" (NLM, 2014). However, this paper distinguishes OMI from remote consultations in three main aspects. First, the definition of OMI excludes non-internet-based consultations like telephone-only or radio-based consultations. Second, OMI carries a paradigm shift in the way patients seek medical consultation where they can independently "shop around" for medical consultation the same way they do for online services. Third, OMI is about direct patient-doctor consultations, therefore it will not include doctor-doctor (provider-provider) consultations or consultations for health education and other purposes. OMI as a concept goes beyond the common telemedicine practices which are usually limited to specific medical categories for patients within specific geographical/geopolitical regions. With OMI, the service is usually open to patients with a wide range of medical needs coming from different regions or countries. Patients may choose or be assigned to any doctor/ care provider who is available online. They are not restricted to a specific provider either by previous knowledge or by geographical closeness.

### 1.1 Problem Statement

Asking the internet for medical advice is something most of us do these days, but the proliferation of health information online offers a mixed bag of valuable resources and misleading or junk information. The previous medical information doesn't include any doctor consultancy or an appropriate information about medicines which could risk a person's life. Though, the internet can be a source for excellent information, doctors when it is given the right path and guidance.

### 1.2 Existing System

A convenience sample of current OMC websites was derived from sites that appeared among Google's first one hundred results when searching "onlinehealth/ medical consultation" or "online doctor". These sites were examined against our OMC definition to eliminate web sites that did not match with the inclusion criteria such

Wellbeing advice, automated symptom checkers, telephone-only consultations, or sites with no private channel for communicating information.

### 1.3 Proposed System

The OMI services offers the information about the medicines which can be take at the time of emergency. It also categorizes the medicines according to the problem faced by the person. It is enhanced with the scrolling tables for major and minor problems along with the special feature of interacting with the specialized doctors at any time.

## 2. OVERVIEW OF OMI:

The latest trend emerging in India among the internet surfers is the use of the Internet for online medical consultations, though the concept is not a new one. With technology advancing every day, with the Internet at our fingertips to get all information, with e-commerce and online shopping on the rise, with the advancement in medical technology, how can the online world be derived of medical consultations? In 1996, WebMD was the first medical consulting website in the US. The concept became more popular in 2000 when the term "Online doctor" emerged to describe physicians and health practitioners who deliver consultation, healthcare over the internet. Soon, a number of websites were launched, dealing with online medical consultations like NIH.gov, MSN Health, Everyday Health, MaYoClinic, WomensHealth.gov etc. In India, the concept has slowly gained popularity in recent years, though it will still take some time to be accepted universally.

### List of online medical consultation sites in India

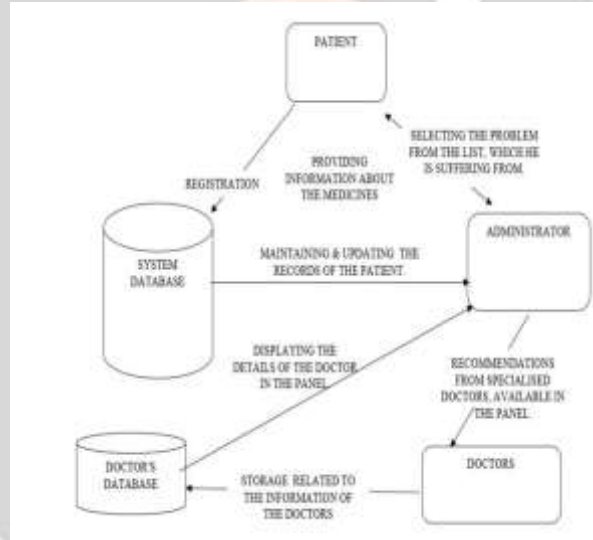
- **eVaidya.com:** This is a telemedicine technology based system built in order to bring about an effective communication between doctors and patients through different modes like Telephone or Mobile, Video Conference, Chat and Email.
- **icliniq.com:** A virtual hospital helping more than 1,000 patients almost every day with health issues related to OB/GYN, Psychiatry, Dermatology, Oncology and 70 other specialities, with 600 plus doctors.
- **medindia.net:** With over 1,000 doctors listed on its panel, this site offers you an online solution to your health problem. But, it does not sell prescription drugs and does not provide an online prescription. The doctors only give advice and recommendation on their effectiveness.
- **iclinicare.com:** This online site provides general practitioners online for 24 hours through Web or Video chat or written medical advice. It has also collaborated with major hospitals like Fortis Healthcare, Global Hospitals, Max Hospitals, Medica Super Speciality (Kolkata), Nova Speciality Hospitals, Enhance Clinics, among many others, covering all parts of India.
- **Ehealthcity.com:** A virtual medical world that aims to provide complete care through online healthcare services. An ideal platform for health education, online consultation, personal health record storage and comprehensive care.
- **Medanta.org:** Medanta, the Medicity, one of India's largest multi-super speciality institutes in Gurgaon has also started its online medical consultation through video conferencing. All you need to do is to upload your medical reports, consult the doctor through video conferencing using your computer at your convenient timings and then access recommendations, reports and consultation details online.
- **webhealthcentre.com:** This website provides you consultation facilities online from some of the leading medical institutions and consultants of India. You need to send in your medical queries related to various aspects of your health and these will be answered by the doctors in the various specialities. This service is provided free of charge.

### Benefits to patients:

- Can make a survey of various online sites to choose the best one.
- Reduced costs and time.
- Also the patients can get 24-hour access to doctors' consultation.
- Can easily access the information about the medicines when the person in need of it.

### 3. ARCHITECTURE

#### 3.1 System Architecture Diagram



### 3.2 Dataflow Diagram



### 4. PROJECT MODULES

The project consist of following modules:

- **Registration:**  
This module consists of the registration form where basic details of the patient is being filled and submitted to the website. The

section will comprise of basic labels such as Name, Age, Date of birth, Sex (scrolling bar), Blood Group, Address, City, Phone Number.

- **Health-issue panel box:**  
This section consists of two scrolling panels, which is distinguished into “Major” and “Minor”. The problems will be enlisted under these two panels where patient can do selection.
- **Doctor panel box:**  
In this part, a panel enlisted with the specialised doctors will be displayed. The doctors in the panel will be guiding the patients with the medicines that can take at the time of problem.
- **Database:**  
This deals with the storing and updation of the records, stored in database. The administrator will have the access to the database and can freely use the database.

## **5. CONCLUSION**

OMI services provide a great platform for doctors to join as well as it aims to give them a good pay according to the number of patients they entertain and also they can work from any place. Also, it helps the patient in the best efficient manner when they really need it. It has promoted appropriate, safe and affordable health care for the patients. OMI services are readily accessible and very tropical. It has brought a change in society where medical information and consultancy can be achieved digitally with effective outcomes at very affordable prices.

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