

# **Telemedicine-Cloud: Remote Medical Second Opinion and Continuing Medical Education of the Physicians**

## **Introduction:**

Sometimes an attending or admitting physician faces a serious, complex or rare health problem in a hospitalized patient. In order to make a definitive diagnosis and also to treat the patient the consultative services of other specialized physicians are requested. Similarly, patients themselves seek a second opinion so that correct diagnosis and treatment is rendered. This practice of second opinion is popular in patients diagnosed with cancer and many leading medical institutions offer this service.

Our computerized remote medical second opinion service is geared towards providing remote or virtual second opinion to patients living in areas where the specialists or medical centers of excellence are miles away. The patient data (medical records, test results, imaging studies, medical history, etc.) is transmitted to the electronic device of the consulting physician. The patient communicates on real-time basis with the consultant, asks questions and the final report is provided to the patient. A physician making the initial diagnosis can also communicate with the consultant.

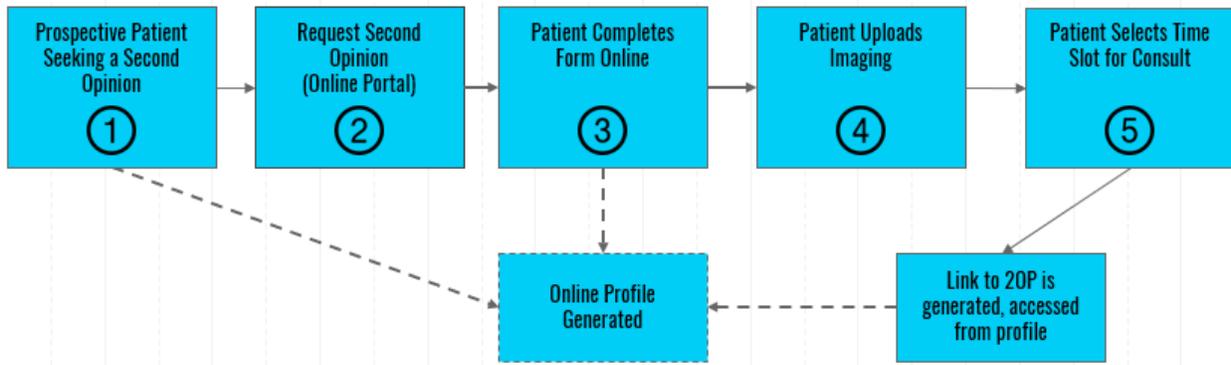
This technology is also applied for the continued medical education of the physicians when several experts are simultaneously consulted for the diagnosis and treatment modalities, e.g. "Tumor Board Meetings." We intend to archive the proceedings of the "Tumor Board Meetings" using cloud technology and thus make it available for the training of the medical residents at any institution. A physician to physician consultation is also feasible (Pathology, Radiology, etc.) to facilitate diagnosis.

## **The Solution:**

ZOP is a telemedicine platform that allows for increased access to physician specialists not readily

available in all environments, thus expanding referral base by enabling patients seeking a second opinion to have real time review of radiographic imaging with live discussion with patient provider.

### How it works:



The prospective patient launches the online portal and request for a 2nd opinion by uploading all the images and reports and selecting the available timeslots. Once the request is submitted, a meeting is generated and sent to your email. During the appointment, Physician and patient talk to each other and review the case by sharing/looking at each other's screens. Physician then takes notes and gets saved in the system.



## Value proposition of the solution:

### 20P INTEGRATES ALL THESE FEATURES INTO A SINGLE PLATFORM



### WHY IS IT VALUABLE TO HAVE AN INTEGRATED TELEMEDICINE TOOL?



**Competition:**

**OUR COMPETITION IN THE SECOND OPINIONS SPACE**

FEATURES		 <b>Cleveland Clinic</b> MyConsult (™)	 healthspot	 GRAND ROUNDS	 SecondOpinionExpert <small>Improving Healthcare. Reducing Costs</small>
 Facilitates Concurrent Discussions					No
 Integrates Radiographic Imaging		Imaging Sent via Mail	NA	Imaging Sent Via Mail	No
 Launched from EMR		No	NA	No- Third Party Service	No
 Activities Logged in EMR		No	NA	No- Third Party Service	No