



eDoc® Telemedicine Physician Network Program

The **eDoc®** TPN Program has been specifically developed to provide the means from which to connect patients with physicians regardless of geographical limitations or boundaries.

The program has many benefits to both patients and physicians. From a physician's standpoint, a typical telemedicine consult requires less time than an examination performed within the confines of the office without the scheduling problems and cancellations. Most importantly, telemedicine consults do not require that the physicians are even in the office from which to provide reimbursable medical services.

From the patients end, Telemedicine provides for the ability to seek and obtain medical services from the very best in any given field of medicine without regard to geographical boundaries and associated travel and expense.

The **eDoc®** Telemedicine Physician Network Program is available to all licensed, practicing physicians when they subscribe to ICUcare's Physician Web Portal. The physician's NPI number is required during registration. A DICOM Viewer (Reader/Writer) which allows physicians to view DICOM images and add annotations and much more is included with a paid Physician's Web Portal subscription.

Types of Telemedicine Consultations

There are basically two types of consults for which participating physicians would participate, Store and Forward Consults and Streaming Video Live Consults.

In a typical Store and Forward Consult, the physician will receive a text message, e-mail or page notification that he/she has been asked to provide consultation services in support of a patient at some other location.

All information regarding the patients demographics, name of insurance company, policy number, reason for consultation (medical issues) and all supporting auxiliary testing which may include; Vitals Signs (BP, HR, Temp, Spo2, ECG) and other relevant test as may be required to include medical imaging and other will be provided. The Physician would need only to log in to the ICUcare web site and Login using his/her NPI Number and Password.

The consulting physician would then access his/her active consult manager database and review all pertinent data regarding the patient as provided by the initiating physician or practitioner and provide an opinion in the form of diagnosis or other as appropriate.

The physician and patient would never actually see or communicate with each other on a direct basis in the store and forward method. The requesting Practitioner would initiate the consult and handle the follow-up communications with the patient and conversely with the consulting physician if required.

In a Live Consult, the initiating Practitioner (Physician or Clinician) would send a notification message via text message and/or e-mail requesting a Live Consult with a proposed time to commence. The consulting doctor would join the live conference by following the link that was provided in the email requesting the live conference.

A USB based webcam with audio is required to support a live video conferencing consultation. Another feature of the conducting a "live consult" as opposed to Store and Forward Consult is that the physician can not only view the test being conducted (digital video, vital sign etc.), but he/she can communicate with the patient on a one-to-one basis as if they were in the room.

Any Store and Forward Consultation could lead to a Live Consultation if the situation warrants. The **eDoc®** Telemed EHR Software System has the ability to record the entire video consult for viewing at another time. The recording would capture everything shown on the **eDoc®** Monitor Screen to include all test data, patient data, video/audio of patient, initiating practitioner and consulting physician.

Another feature of the system provides for the ability to allow the consulting physician to take control of the **eDoc®** System and all associated medical device software applications remotely. The consulting physician can even take control of the 18X PTZ Camera located on the **eDoc®** in order to view and capture their own still images or live video.

Each physician with a paid subscription for the Physician's Web Portal will receive a secure, personal account from which to manage all consultations provided to include associated files. All files received by a physician during a consult are stored for recall by the **eDoc®** Telemedicine Network Web Based System for recall, management or other. All files are capable of being exported to another **eDoc®** Telemed or EHR operating system upon demand.

All participating TPN members will have their name, field of medicine, and a brief biography displayed on a web portal for use by other practitioners at the patient-side of the consult. A prospective patient or telemedicine practitioner can search for a given network member by state, county and field of medicine. All contact information as determined by the network member will be available for use by the requesting consult practitioner.

Security of the system and network is assured through encryption of all data transferred, removal of personal identifiable data from files and redundant storage of all data within the network at a high security data center located at a major Midwestern city and supported by one of the largest fiber-optic network systems in the country.