

Vospital.Care™

Virtual Hospital Care

An Effective & Efficient Way of Healthcare Provision

Provide support and treat patients in their homes
and whenever they need assistance

Featuring:

- Video Conference & Virtual Interaction
- Always-on One-Click Activation
- Speech-enabled Multilingual Intelligent Information Bot
- Real-time Transcription, Translation, Text-to-Speech Conversion
- Real-time recording with curation & intelligent search for selective replay
- SWISTWIT (See What I See Touch What I Touch) virtual hand
- Integration with OpenMRS and others
- Readily available for Rapid EMS & Triage Deployment



Enables

- greater utilization of hospital beds with shorter hospital stay of patients after receiving medical treatment in hospital, including surgery and physical examination, etc.
- reduction of exposure of patients to possible infection in hospital environment
- reduction of the need of in-person visits with patients convalescing at home post surgery normally required to be made by nurses



Distinct Benefits

- Reducing re-admissions: With the ongoing COVID-19 pandemic, it's important to limit hospital visits for patients.
- Through Vospital.Care, the medical team can educate patients, coordinate their care requirements, and improve their medication adherence.
- Improved patient access and retention: Vospital.Care enables the medical staff to consult with more patients in less time, regardless of location.
- Hospitals and other healthcare institutions can provide virtual consultations with patients over TMU virtual interactions no matter where they are.

Distinct Benefits (continued)

- This accessibility increases engagement levels and ensures patients get the assistance they need when they need it.
- Optimized resources: The healthcare providers can also become more efficient by carrying out virtual triage and expanding the level of access patients have to their doctors and consultants.
- Bringing about early intervention for diseases and illnesses
- Providing ongoing care to patients with chronic conditions
- Increasing patients' access to available healthcare professionals

Infrastructure of Vospital.Care

The infrastructure of Vospital.Care is a logical system for setting up fast connection for video conference / virtual interaction virtually among people that emulates what typically takes place in a physical hospital consisting of various physical units such as

- ER Ward Registration & Triage Dept.
- Laboratory for tests
- ICU
- Cardiac Ward with Surgery Room
- Oncology Ward with Surgery Room
- Orthopedic Ward with Surgery Room
- Examination Wards for ICT, MRI & Ultrasound
- Conference Room 1
- Conference Room 2
- Cafeteria
- Common Waiting Room
- etc.

to facilitate the virtual communication among the personnel / doctors / specialists of the hospital and the patients under their care.

A person can set up a TeleMeetUp to meet with another person in the Vospital just by one click. Multiple people can be invited to a room to meet together; it takes just one click to include/add each of the people to be invited to a virtual conference room.

A person in the Vospital can virtually "walk" from one room/office to another or to a common space where there is already a gathering of other personnel. As one virtually walks and approaches within earshot of the gathering in the common area, one can hear the conversation of the others in progress and then communicate with the others already in the virtual conference.

Imagine if there were people chatting in a common space around a water cooler or in a cafeteria of the Vospital, the situation would be one that can foster conversation with serendipitous outcome.

Vospital can be built to suit any specific application requirement with the speech-enabled multilingual intelligent Conversational AI that is implemented with knowledge-based Natural Language Processing capability. Please refer to presentation at <http://bit.ly/3XeQSIN> for detailed feature description.

EGPT-EMS (Enhanced Generative Pre-trained Transformer-Emergency Medical Service)

The highlights of the service features are

- Always-on facility readily available for fast access to all parties involved in an optimum emergency medical service provision with minimum clicks/taps to get fast connection to set up video conference and virtual interaction including SWISTWIT functionality
- Speech-enabled operation
- Multilingual
- With Knowledge-based NLP (Natural Language Processing) capability
- It is circumspet in recording in multimedia
- With streaming capability to designated units for on-going situation updates at accident sites and on the conditions of the injured / patients being transported in ambulances

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