



*assess, monitor, instruct,
document, review ...*

HCV Telecare[®]

HCV offers scalable patient monitoring systems that can be managed by healthcare professionals or family members via Internet server technology.

Server Components

HCV Telecare Data Repository (D.R.)

- Telecare D.R. consists of centralized data, secure web services, and a browser-based patient monitoring interface.
- Telecare D.R. is accessible 24/7 on the Internet. It provides quick-access tabs for real-time patient status with color indicators, patient disease management, custom questionnaire reporting with highlighted interventions, patient measurement, and graphical trending analysis plots.

HCV Interactive Voice Response (IVR)

- The Economy Telecare component requires a patient subscription to the HCV IVR server for manual transmission of measurement data.
- The HCV IVR server component also provides optional services such as scheduled disease management or custom questionnaire delivery.
- The patient receives a call or dials in via touch-tone phone, listens to health status questions, and responds with key press or voice response. These responses are stored on the Telecare D.R. server.

Interactive Telecare

- **Components**—Videophone for patient examination and data collection; requires IP/PSTN communications, a central Windows PC station with HCV Nurse Station software and videophone, patient site videophones with customizable measurement configurations, and Telecare D.R. server subscription.
- **Data Collection**—Assessments via ITU H.323 and H.324 video conferencing standards; store and forward technology permits patients to take daily measurements then send data automatically upon connection to healthcare provider station (real-time data collection supported while connected with healthcare provider station); healthcare provider station data forwarded via secure web services to Telecare Data Repository (D.R.) Server; measurements include blood pressure, temperature, SPO₂, heart rate, mean arterial pressure, weight, blood glucose, and peak flow.

Automated Telecare

- **Components**—Wireless gateway; automated data collection; PSTN dial-up transfer; requires wireless measurement devices and Telecare D.R. server subscription
- **Data Collection**—Patient takes daily measurements; data is automatically sent to the PSTN gateway which connects and transmits data via secure web services to Telecare D.R. Server; supported measurements include blood pressure, heart rate, mean arterial pressure, weight, blood glucose, and peak flow

Economy Telecare

- **Components**—Manual patient measurement, logging, and transfer via interactive voice response (IVR); requires telephony communication, recommended commercially available measurement devices and logs, touch-tone telephone, HCV Integrated Voice Response (IVR) and Telecare D.R. server subscriptions.
- **Data Collection**—Uses healthcare agency log forms and commercially available devices; patient records daily or weekly logs, uses touch-tone telephone to connect to HCV IVR server, then follows audible prompts to input measurement data; supported measurements include blood pressure, temperature, SPO₂, heart rate, mean arterial pressure, weight, blood glucose, and peak flow

*your patients, your needs,
your time, your way*

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