



BESIDEYOU[®]
Heart Remote Assistance System

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What is it?

It is a web application specifically developed to offer 24h health care and monitoring of patients and their devices. Remote monitoring of clinical problems in patients who carry different VAD technology.

- **Abiomed TAH**
- **Berlin Exor**
- **Berlin Incor**
- **DuraHeart**
- **Jarvik 2000**
- **Heart Assist 5**
- **Heartmate II**
- **Heartware HVAD**
- **SynCardia TAH**
- **Synergy**
- **Thoratec VAD**
(other)



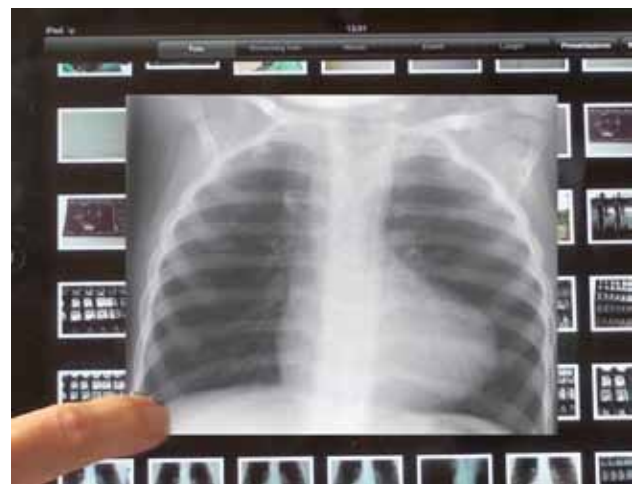
Patient details

How does it work?

With this application, doctors may assess situations, even very complicated ones, from a remote station by collecting clinical, instrumental and laboratory data and viewing HD pictures and videos in real time. In addition, this system offers direct audio/video interaction between the patients, their families or doctors and their specialist health-care facilities. The application is a cross-platform one and can be downloaded on a PC, tablet or smartphone (iPad, iPhone, Android).

LABORATORY AND INSTRUMENTAL DATA	
Hemoglobin (g/dl)	<input type="text"/>
Lactate dehydrogenase (LDH) (U/L)	<input type="text"/>
Total Bilirubin (mg/dl)	<input type="text"/>
Direct Bilirubin (mg/dl)	<input type="text"/>
Haptoglobin (mg/dl)	<input type="text"/>
Reticulocyte (%)	<input type="text"/>
Partial thromboplastin time (PTT)	<input type="text"/>
Leucocytes (WBC) (/mm ³)	<input type="text"/>
Platelets (PLT) (/mm ³)	<input type="text"/>
International normalized ratio (INR)	<input type="text"/>
Creatinine (mg/dl)	<input type="text"/>
Electrocardiogram (ECG)	<input type="checkbox"/> picture of electrocardiographic tracing
Echocardiography (TTE/TEE)	<input type="checkbox"/> picture images
Chest radiography (Chest XE) X-rays	<input type="checkbox"/> picture of X-rays
Brain CT scan	<input type="checkbox"/>
Chest CT scan	<input type="checkbox"/>

Lab and diagnostic information



Stored images from chest X-rays, ultrasound, etc



Benefits

- Support outpatients health care through cutting-edge software applications.
- Allow easier patients monitoring and interaction with health-care professionals. Excellent VAD monitoring and management system.
- Provide doctors with exhaustive information to conduct appropriate assessment of patients condition, prevent potential complications face promptly and critical situations.
- Feature interactive mode for all people involved, whether they are VAD carriers, their families, health care staff, doctors or specialists, based on a hub & spoke model.
- Contain costs, by reducing the number of outpatients examinations, unnecessary hospitalizations, instrumental and lab tests, while making procedures more appropriate.
- Improve patients quality of life by avoiding trips at risk of complications and problems for patients and families, while cutting down on overall costs.
- File all data easily retrieved for consultation or collation.



Connection by Skype

PATIENT'S DETAILS		
VAD FINDINGS		
CLINICAL DATA		
LABORATORY AND INSTRUMENTAL DATA		
THERAPY		
ACE inhibitors	<input type="radio"/> Yes	<input type="radio"/> No
Beta-blockers	<input type="radio"/> Yes	<input type="radio"/> No
Statins	<input type="radio"/> Yes	<input type="radio"/> No
Diuretics	<input type="radio"/> Yes <input type="text" value="mg/24h"/>	<input type="radio"/> No
Anti-aggregants	<input type="radio"/> Yes	<input type="radio"/> No
Heparin	<input type="radio"/> Yes	<input type="radio"/> No
Oral anticoagulants	<input type="radio"/> Yes	<input type="radio"/> No
NOTES		
I feel good		

Report of clinical data

Expected results

Based on preliminary assessments, this VAD carriers monitoring and management system deliver amazing impact in terms of perceived safety, reduced tension, and an overall improvement in the patients and families quality of life.



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<http://www.besideyou.org>