



JABES

ADVANCED BIO-MEDICAL ELECTRONIC STETHOSCOPE



Wide mode Bell mode Diaphragm mode

Mode button
Choice of 3 Frequency mode

Volume button
20 times amplified sound at level 7. Choose a sound level that fits best for them.

Power on/off button
Auto-shut off after 3 minutes

Holds last mode and volume setting for convenience

Screw type washer for simple maintenance

Name Tag engraving your name

JABES Analyzer

File Edit Tools Help

Pat. Info

ID: 102

Name: Cha-eun, Kim

SSN: R00300-1252116

Date	O.	Disease	Opinion
2004/0...	Ot...		
2004/0...	H...	No	Good ~
2004/0...	L...	commo...	
2004/0...	L...	common cold	
2004/0...	H...	No	OK
2004/0...	H...	No	Good
2004/0...	H...	No	No problem
2004/0...	H...	No	Normal

Reference

Or...	Disease	Explain
Heart	Normal...	Stethoscope region : Ao
Heart	ESM	Type : ESM/Early Diasto
Heart	ESM	Type : ESM/Early Systol
Heart	Austin	Type : AFM/Austin Flint
Heart	HBM	Type : HBM/Heliosystolic
Heart	S3 Ru...	Type : S3 Rumble
Heart	Contn...	Type : Continuous Murr
Heart	MDM	Type : MDM/Mid Systolic
Heart	LSM	Type : LSM/Late Systolic
Heart	MDM &...	Type : MDM/Mid Diastoli
Heart	Apex...	Apex: Midsystolic Click
Heart	Apex...	Apex: Normal First Sound
Heart	Apex...	Apex: Opening Snap
Heart	Apex...	Apex: Quadruple Rhythm
Heart	Apex...	Apex: Third Heart Sound

View opinion

- Type : MSM(Mid Systolic Murmur)
- Related Disease(s) : Child
- PS(Pulmonary Stenosis) : Adult and Child
- Comment : This murmur occurs between the S1 and S2 sound. The sound gradually becomes larger than fades away before the S2 sound.

- PS(Pulmonary Stenosis)

Definition : Stenosis means narrowing. Pulmonary stenosis is then a narrowing of the pulmonary valve.

Stethoscope region : The Pulmonary area is the optimum region for hearing this sound.

- AS(Aortic Stenosis)

Definition : A narrowing or blocking of the aortic heart valve resulting in a failure to open properly and an obstruction of bloodflow from the left ventricle to the aorta.

Causes : This can be caused by several disorders including rheumatic fever, calcification of the valve and other inher Also a history of other valve disorders may indicate a likelihood of this problem.

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JABES Analyzer

- **Product Description**

Jabes electronic stethoscope 3D generation is a State-Of-The art technology auscultation system, with Jabes analyzer software. Jabes also includes Auscultation sound database that only the most experienced medical practitioners would recognize in the knowledge of medical practice.

Now with Jabes stethoscope physicians with limited medical practicing experience can easily shed light on their patients' illnesses at the first examination.

Jabes also allows the medical practitioners to record the body sound of their patients directly onto their PC for phonocardiogram view. With this capability, healthcare givers will have better understandings of the sound they hear for better quality medical services.

Doctors should be able to hear the Turbulence Noise of Carotid Arteries which is caused by Atherosclerotic Plaque without a non-invasive equipment. Well known, Cardiovascular and Cerebrovascular disease are major causes of death in the world.

Jabes stethoscope offers the revolution to doctors for patients care without expensive Ultrasound cost and in only minutes. With GST Technology Support, Jabes Stethoscope Delivers Unparallel Auscultation Performance, and More Faithful Sensitivity of the Sound.



Choice of Frequency Range

With the JABES electronic stethoscope, healthcare professionals can choose from three different ranges of frequency Bell, Diaphragm, or Wide. This feature enables JABES users to hear clear and accurate body sounds, like never before. Doctors should be able to hear the turbulence noise of carotid arteries which is caused by atherosclerotic plaque without a non-invasive equipment. JABES stethoscope offers the revolution to doctors for patients care without expensive ultrasound cost and in only minutes



Noise Reduction System, 20x Amplification

New JABES Electronic Stethoscope Equipped with our Patented Noise Reduction System, which enables Crystal Clear Sound Quality. Helps you focus on what you need to hear, through this unique System has been developed by the JABES R&D team, and is being implemented in all JABES Products. 20x Amplification Enables Doctors to catch the sound that is usually hidden from Conventional Stethoscope.

Customizable Sound Levels

With Breakthrough Patented Technology Jabes Life Sound System Can Amplify Body Sound up to 20 Times. The JABES electronic stethoscope is equipped with eight different sound levels; sound ranges from level 1 up to 20 times amplified sound at level 8. Users can choose the sound level that fits best for his or her ear, and JABES will remember custom sound level set by each user

Smart Power Management System

JABES will run up to 100 hours with two AAA Alkaline batteries. This gives our product twice the current battery life over our competitors products. Furthermore, JABES uses inexpensive and readily available Alkaline Batteries (AAA size), whereas the competitors' products use more expensive and less readily available lithium batteries.

Auto Shut Off

JABES electronic stethoscope turns off automatically when there is no activity for 3 minutes. Low Battery indication light lets JABES users to know when batteries need to be replaced

User Friendly Easy Operation

The JABES electronic stethoscope is easy to operate with the unique JABES' intelligent design allowing full operation of JABES with only your index finger. For your convenience, JABES has clearly marked and easily located function, battery indicator and mode buttons which are small, yet easily seen. JABES also remembers sound level and mode, which are set uniquely by each different user.

Familiar Feel and weight

JABES electronic stethoscope weighs 170g, which is the average weight of conventional stethoscope. JABES also feels like a traditional stethoscope.

Comfortable Ear Piece

JABES ear pieces are specially designed in size, angle and structure for your comfort

Rugged Structure

For maximum durability, JABES Life Sound System Electronic Stethoscopes are built with the highest quality materials

Monitor, Record, Play

Patients body sounds can be monitored, recorded and saved for future reference. This information also can be sent to other JABES users via internet, email or MSN.

Wave reference database

Wave reference database, which contains sound and phonocardiogram of more than 55 heart and lung sounds, can be a valuable reference tool for JABES users. (The reference waveform list is for reference only. JABES accepts no responsibility for diagnosis or misdiagnosis of patient).

Patient Data Management

Data & Sounds can be easily transferred to PC for further analysis. Free Heart & Lung Sound Visualization Software, identifies diagnosis Heart Murmurs with a Class I indication. The healthcare professionals can manage a virtually unlimited number of patient's information such as name, medical info & history, address, phone number, ID number, weight, blood pressure and so on. PC Connect Capabilities.

Great Counseling Tool

Heart, Lungs Sound, Heartbeat Can be Seen in Real Time. A phonocardiogram can be printed and used during conferences with patients and other healthcare professionals. Body Sounds can be Transmitted Via Internet for Conference or Second Opinion.

Great Teaching Tool

Body sounds can be heard by many through speaker systems in real time or played back at a later time

Who Benefit From Electronic Stethoscope Include:

Doctors Medical Practitioners Emergency workers/paramedics

- MDS working at university Doctors in General hospitals
- Military medical personnel Nurses & home healthcare givers
- Medical students Intern and residents
- Sports team doctors Veterinarians

- Doctors in remote area

Electronic Stethoscope Include:

Jabes Electronic Stethoscope

- Extra ear Tip 2
- Alkaline Batteries AAA 2
- USB Cable 1
- User Manual 1
- Size 29" long
- Weight 6oz/170g without batteries
- Battery Life 100hrs. full time use

Classification	Details	Notes
Model	GOLDEN SOUND	
Power	DC 3.0V	
Length	29"	
Weight	170g	
Battery	1.5V AAAx2	
Battery Life	OVER 100 HOURS	IN CONTINUOUS USE
Frequency Mode	BELL MODE	20 ~ 200HZ
	DIAPHRAGM MODE	200 ~ 500HZ
	WIDE MODE	20 ~ 1,000HZ

Patents and Certificates:

- FDA Certification: FDA 510K Class II No. K031446
- Patent: 2001-12321
- Patent pending: 2002-0005744
- International Patent Pending: PCT-KR02-02136
- Design Registration: 2002-0030179
- Trademark Registration: 2002-0051648
- Software Registration: 2002-01-15-6055
- CE Certification: CE 1020 Class II by ITC
- ISO Certification: ISO 13485 by ITC