

VENDOR

State of West Virginia Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

Request for Quotation

T O CRH60352

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ADDRESS CORRESPONDENCE TO ATTENTION OF

ROBERTA WAGNER

RFQ COPY
TYPE NAME/ADDRESS HERE
Megafitness
630 S. Wickham Rd Suite 107
W. Melbourne 71.32904

HEALTH AND HUMAN RESOURCES BPH - COMMUNITY & RURAL HEALTH

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Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Boy 50120 Post Office Box 50130 Charleston, WV 25305-0130

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T O

CRH60352

ADDRESS CORRESPONDENCE TO ATTENTION OF:

ROBERTA WAGNER 304-558-0067

RFQ COPY TYPE NAME/ADDRESS HERE Megafitness 630 S. Wickham Rd. Suite 107 W. Melbourne 71. 32904

HEALTH AND HUMAN RESOURCES BPH - COMMUNITY & RURAL HEALTH

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630 S. Wickham Rd. Suite 107 W. Melbourne 71. 32901

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Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

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ROBERTA WAGNER
304-558-0067

HEALTH AND HUMAN RESOURCES
BPH - COMMUNITY & RURAL HEALTH

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635 S. Wickham Suite 107

W. Melbourne, 71 32904

State of West Virginia Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

Request for Quotation

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ADDRESS CORRESPONDENCE TO ATTENTION OF:

ROBERTA WAGNER 304-558-0067

HEALTH AND HUMAN RESOURCES BPH - COMMUNITY & RURAL HEALTH

ADDRESS CHANGES TO BE NOTED ABOVE

350 CAPITOL STREET, ROOM 515 CHARLESTON, WV 25301-3716 304-558-4109

FREIGHT TERMS TERMS OF SALE SHIP VIA F.O.B. DATE PRINTED 05/11/2006 01:30PM BID OPENING DATE: 06/14/2006 BID OPENING TIME AMOUNT QUANTITY UOP TEM NUMBER UNIT PRICE LINE BIDDER IS A RESIDENT VENDOR WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES WORKING ON THE PROJECT BEING BID ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID; OR BIDDER IS A NONRESIDENT VENDOR EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS OR IS A NONRESIDENT VENDOR WITH AN AFFILIATE OR SUBSIDIARY WHICH MAINTAINS ITS HEADQUARTERS OR PRINCIPAL PLACE of business within west virginia employing a minimum OF ONE HUNDRED STATE RESIDENTS WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES OR BIDDERS' AFFILIATE'S OR SUBSIDIARY'S EMPLOYEES ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUCUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID. BIDDER UNDERSTANDS IF THE SECRETARY OF TAX & REVENUE DETERMINES THAT A BIDDER RECEIVING PREFERENCE HAS FAILED TO CONTINUE TO MEET THE REQUIREMENTS FOR SUCH PREFERENCE, THE SECRETARY MAY ORDER THE DIRECTOR OF (A) RESCIND THE CONTRACT OR PURCHASE PURCHASING TO: ORDER ISSUED; OR | (B) ASSESS A PENALTY AGAINST SUCH BIDDER IN AN AMOUNT NOT TO EXCEED 5% OF THE BID AMOUNT AND THAT SUCH PEMALTY WILL BE PAID TO THE CONTRACTING AGENCY OR DEDUCTED FROM ANY UNPAID BALANCE ON THE CONTRACT OR PURCHASE CRDER. BY SUBMISSION OF THIS CERTIFICATE, BIDDER AGREES TO DISCLOSE ANY REASONABLY REQUESTED INFORMATION TO THE PURCHASING DIVISION AND AUTHORIZES THE DEPARTMENT OF TAX AND REVENUE TO DISCLOSE TO THE DIRECTOR OF PURCHASING APPROHRIATE INFORMATION VERIFYING THAT BIDDER HAS HAID THE REQUIRED BUSINESS TAXES, PROVIDED SEE REVERSE SIDE FOR TERMS AND CONDITIONS

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

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Department of Administration
Purchasing Division
2019 Washington Street East
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Charleston, WV 25305-0130

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PAGE 5

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ROBERTA WAGNER 304-558-0067

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630 S. Wickham Guite 107
W. Melbourne 71. 32904

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PAGE 6

ROBERTA WAGNER

304-558-0067

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W. Melbourne, 71. 30904

HEALTH AND HUMAN RESOURCES BPH - COMMUNITY & RURAL HEALTH

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State of West Virginia
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Charleston, WV 25305-0130

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PAGE 7

ADDRESS:CORRESPONDENCE:TO:ATJENTION:OF

ROBERTA WAGNER

304-558-006 HEALTH AND

HEALTH AND HUMAN RESOURCES BPH - COMMUNITY & RURAL HEALTH

350 CAPITOL STREET, ROOM 515 CHARLESTON, WV 25301-3716 304-558-4109

FREIGHT TERMS TERMS OF SALE SHIP VIA F.O.B DATE PRINTED 05/11/2006 BID OPENING DATE: BID OPENING TIME 01:30PM 06/14/2006 AMOUNT QUANTITY UOP ITEM NUMBER UNITPRICE LINE CONTACT PERSON (FLEASE PRINT CLEARLY) Wilkinson WRITTEN QUESTIONS SHALL BE ACCEPTED THROUGH CLOSE OF BUSINESS ON MAY 24, 2006. QUESTIONS MAY BE SENT VIA USPS, FAX, COURTER, OR EMAIL. IN ORDER TO ASSURE NO VENDOR RECEIVES AN UNHAIR ADVANTAGE, NO SUBSTANTIVE QUESTIONS WILL BE ANSWERED ORALLY. IF POSSIBLE, E-MAIL QUESTIONS ARE PREFERRED. ADDRESS INQUIRIES TO: ROBERTA WAGNER DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25311 |FAX: 304-558-4115 EMAIL: RWAGNER@WVADMIN.GOV 171715.50 CRH60352 ***** TOTAL: THIS IS THE END OF REQ SEE REVERSE SIDE FOR TERMS AND CONDITIONS ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

AED Bid Specifications 2006

All units must be new, not re-manufactured, meet FDA approval and have no current FDA recall.

- 90 Zoll AED Plus, PS Series, or equivalent Manufacturer must supply specifications for comparison and copies of technical manuals, if bidding other than Zoll brand.
- 90 Zoll AED Plus, PS Series Trainers, or equivalent Manufacturer must supply specifications for comparison and copies of technical manuals, if bidding other than Zoll brand.

Both the AEDs and Trainers must include batteries and pads for each unit.

Mandatory Specifications for evaluation are grouped as follows:

Energy:

Biphasic waveform with impedance compensation.

Device shall be capable of delivering a shock of 120-Joules or greater in Standard operating mode, with a charge time of less than 10 seconds.

Programmable: Device shall be delivered with customer's preferred energy sequence, and shall be programmable in set-up mode by the customer in the field.

Battery:

Battery power shall be a combined total of 11 volts or greater, of either sulfuryl chloride or manganese dioxide lithium type.

Shall have a shelf life of 4 years.

Unit shall have some type of low battery indicator (either visual or auditory).

Defibrillation Criteria:

The device shall identify ventricular tachycardia based in part on the following criteria:

minimum heart rate of 120 beats per minute.

Storage:

Storage: Device shall have the capability of storing at least 20 minutes of continuous patient ECG and scene audio in internal memory (i.e., without the use of external storage media)

Retrieval: Device shall permit patient information to be downloaded, stored, reviewed and printed. Supporting software shall allow for simultaneous replay of continuous ECG.

Physical Criteria:

Display: Must have LCD Screen for visual text or symbol instructions.

Environment:

Shall have operating temperature of: 32 to 122 degrees F°

Shall have shock: MIL-STD 810

Self-testing:

Device shall run a daily self-test, classify any faults into major or minor, and alert the operator if services is required. Results of tests shall be made available with all printed reports.

Device shall test the capacity of the battery and defibrillator charging system bi-weekly for a non-chargeable lithium battery.

User testing: Devices shall be capable of executing a user-initiated test without the use of a rhythm simulator. Results of tests shall be made available with all printed reports.

Other Specifications:

Size: Portable - Unit should be approximately 7 in. x 12 in. x 12 in. (HxWxD) or equivalent cubic inch footprint.

Weight: Should be approximately 4 to 7 pounds (including battery).

AFFIDAVIT

West Virginia Code §5A-3-10a states:

No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owned is an amount greater than one thousand dollars in the aggregate.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions.

"Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

EXCEPTION:

The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

LICENSING:

The vendor must be licensed in accordance with any and all state requirements to do business with the state of West Virginia.

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/purchase/privacy for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and are in compliance with the requirements as stated.

Vendor's Name: MogaFithess	/ 1
Vendor's Name: MogaFithuss Authorized Signature:	4/2/00

No Debt Affidavit Revised 02/08/06

Introducing the Philips HeartStart

FRx Defibrillator



For more than a century, Philips has pioneered technology that makes life better. Today, we're taking this commitment one step further; creating products that not only enhance life, but also preserve it. The Philips FRx Defibrillator is the newest member of the HeartStart family of defibrillators designed with new technological advancements to help in treating the most common cause of SCA.

The Philips HeartStart FRx Defibrillator is designed to be easy to use, rugged and reliable for those who get there first. On the scene with

law enforcement, on the field with student athletes or on the job with employees, the FRx Defibrillator is the solution for treating SCA from ventricular fibrillation in environments and conditions too demanding for many other defibrillators.

The HeartStart FRx Defibrillator carries innovation in its genes. Building on the successes of the other members of the HeartStart family of defibrillators, the FRx brings innovations to the treatment of SCA.

Introducing the advancements of the Philips HeartStart FRx Defibrillator

Preconnected SMART Pads II

Pads for all patients. Save valuable time in an emergency with preconnected pads for use on adults and children. SMART Pads II eliminate the expense of having to purchase different pads sets for different patient types.

Wireless Data Transfer

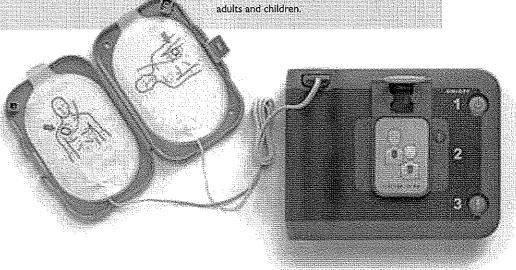
A first in defibrillation technology, the FRx provides a mobile, wireless solution for data management using the Palm OS® platform. It features an infrared data port for easy transmission of information without cables or hardwire compatibility issues.

Infant/Child Key

Simply insert the Infant/Child Key into the FRx to signal to the device that you're treating an infant or a child. The defibrillator adjusts to provide special pads placement and CPR instructions. The pads icons also flash to show you the appropriate pads placement and the device reduces the shock energy to a level more appropriate for an infant or a child (less than 55 pounds or 8 years of age).

CPR Coaching

Available only on HeartStart Defibrillators, CPR Coaching reminds the responder of CPR basics and provides options for both adults and children.



SMART Technology, only from Philips

At the core of all HeartStart Defibrillators is SMART Biphasic technology. The HeartStart FRx Defibrillator's biphasic waveform delivers a highly effective defibrillation shock that is also gentle to the heart. No other external defibrillation therapy has been supported by more published clinical data.²

SMART Analysis, a proven Philips technology for heart rhythm assessment, ensures that the FRx Defibrillator only shocks when it should. SMART Analysis automatically assesses the

victim's heart rhythm and is designed not to deliver a shock unless the rhythm is determined to be shockable — even if the shock button is pressed. What's more, SMART Pads II enable the FRx to keep pace with the responder by adjusting to their actions.

Designed for real world use

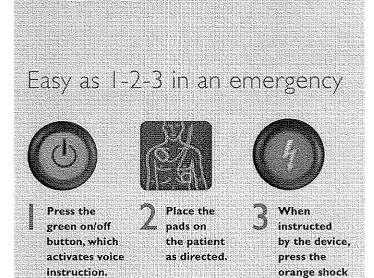
The Philips HeartStart FRx Defibrillator is exceptionally rugged. Designed to surpass rigorous testing requirements, the FRx withstands jetting water, loads up to 500 pounds and a one-meter drop onto concrete.

Built on a platform of proven ease-of-use

The HeartStart FRx Defibrillator was designed to be as easy to use as the HeartStart OnSite Defibrillator and shares many of its features, including CPR Coaching and intuitive icon-driven operation. Although small and lightweight—just 3.5 pounds—the FRx is equipped to guide you through the resuscitation of a SCA victim.

The HeartStart FRx guides you through every step with clear, calm voice commands and descriptive visual icons. The FRx even reminds you to call emergency medical services (EMS). Pressing the blue i-button activates HeartStart CPR Coaching for assistance with CPR. The flashing icons and the Quick Reference Guide can be used to lead you through the defibrillation steps — even in situations where hearing voice instructions is a challenge.

Once EMS arrives, hand-off is fast and easy because the FRx is compatible with advanced defibrillators like the HeartStart MRx. With HeartStart adapters, our pads can be plugged into devices from other manufacturers to ensure continuity of care.



button.

Providing a complete, reliable solution

Reliability backed by Philips

The HeartStart FRx Defibrillator is powered by an easy to install, long-life (four-year) battery, so you know the device is charged and ready. The device's automated daily, weekly and monthly self-tests check the pads readiness, and verify functionality and calibration of circuits and systems. With over 85 tests, the FRx is one of the most comprehensive self-testing devices on the market and is virtually maintenance-free.

The blinking green "Ready" light on the defibrillator is your assurance that the device is ready for use.

Philips HeartStart Essentials—The key to a successful early defibrillation program

Philips helps implement a comprehensive program with most everything you and your medical director will need to help save a life from sudden cardiac arrest. We'll get you started with pre-implementation consulting and site assessments. We can manage your everyday needs including medical direction from a licensed physician, web-based program management, data management software, and responder and instructor training. Philips offers ongoing support with a five-year warranty, optional extended warranty and continued customer support from supplies ordering to technical assistance.

Philips HeartStart FRx Defibrillator

Product specifications

Defibrillator		Shock-to-Shock		
Model	HeartStart FRx Defibrillator	CycleTime	Typically less than 20 seconds between shocks in a series	
Model Number	861304	Artifact Detection	Advanced signal processing allows accurate ECG	
How Supplied	Defibrillator, battery (1), SMART Pads II (1 set), Owner Manual, Quick Reference Guide		analysis even in the presence of most pacemaker artifact and electrical noise sources. Other artifacts are detected and corrective voice prompts issued	
Waveform	Truncated Exponential Biphasic, Waveform parameters adjusted as a function of each patient's impedance	Battery Item Number(s)	Standard: MS070A	
Energy	Single energy output:	trous (ammon (2)	Aviation: 989803139301 (TSO C-142-U.S. only)	
	Adult:nominal 150 joules into a 50-ohm load Infant/Child:nominal 50 joules into a 50-ohm load	Туре	9 Volt DC, 4.2 Ah, lithium manganese dioxide, disposable long-life primary cell	
Protocol	Device follows preconfigured settings. Defibrillation and CPR protocol can be customized using HeartStart Event	Capacity	Minimum 200 shocks or 4 hours of operating time	
	Review or HeartStart Configure Software	Install-By Date	Battery is labeled with an install-by date of at least five years from date of manufacture	
User interface		Standby Life	Four years typical when battery is installed by the install-	
Instructions	Detailed voice prompts and visual icons guide responder through use of the defibrillator		by date. (Will power the AED in standby state within the specified standby temperature range, assuming one battery insertion test and no uses.)	
CPR Coaching	Voice coaching for adult and Infant/child CPR provides		, , , , , , , , , , , , , , , , , , , ,	
	instructions and audio cues for each breath, as well as the appropriate number, rate and depth of chest compressions.	SMART Pads II Item Number	989803139261	
Controls	Green on/off button, blue i-button, orange shock button, optional infant/child key	How Supplied	Disposable pads case containing adhesive multifunction defibrillator pads. HeartStart plug style connector clicks into device for preconnected pads solution	
Indicators	Ready light, blue i-button, caution light, illuminated pads, icons, shock button lights up when shock is advised.	Active Surface Area	12.4 in² (80 cm²) each	
	TEDES SHOOK DOCKOTT REACH AT ATTENDED AND ASSOCIATION OF THE PROPERTY OF THE P	Cable Length	48 inches (121.9 cm)	
Physical		Use-By Date	Pads case is labeled with a use-by date of at least two	
Size	2.4 x 7.1 x 8.9 inches (6 x 18 x 22 cm) H x D x W	•	years from date of manufacture	
Weight.	With battery and pads case: 3.5 lbs. (1.5 kg) Without battery or pads case: 2.6 lbs. (1.2 kg)	infant/child Key		
Environmental		Item Number	989803139311	
Sealing	Waterjet proof IPX5 per IEC60529 Dust protected IPSX per IEC60529	Training Pads II	989803139271	
Temperature	Operating/Standby: 32" - 122" F (0" - 50" C)	Function	Special pads place HeartStart FRx into training mode	
Altitude	0 to 15,000 feet		and disable its energy delivery capability. Features 8	
Aircraft	Device:RTCA/DO-160D;1997		real-world training scenarios	
Crush	500 pounds	Automated and user	ologi yasani qayin paqirapini ya ushaqiyili daga kili daga ka 1974a -a civateri seli-tests	
Vibration	Operating meets MILSTD 810F Fig. 514.5C-17, random: Standby: meets MILSTD 810F Fig. 514.5C-18, swept sine	Daily Automatic Self-tests	Tests internal circuitry, waveform delivery system, pads and battery capacity	
EMI (Radiated/Immunity)	CISPR II Group I Class B, IEC 61000-4-3, and IEC 61000-4-8	Pads Integrity Test	Specifically tests readiness-for-use of pads (gel moisture)	
Patient analysis syste		Battery Insertion Test	Upon battery insertion, extensive automatic self-tests and user-interactive test check device readiness	
Patient Analysis	Evaluates patient ECG to determine if a rhythm is	Status Indicator	Blinking green "Ready" light indicates ready for use	
	shockable. Rhythms considered shockable are Ventricular Fibrillation (VF), and certain ventricular tachycardias (VT)	Data recording and transmission		
	associated with lack of circulation. For safety reasons, some VT rhythms associated with circulation will not be interpreted as shockable, and some very low-amplitude or	Infrared	Wireless transmission of event data to PC or palmOne 165 PDA using the IrDA protocol	
	low-frequency rhythms will not be interpreted as shockable VF.	HeartStart Event Review Software	Data management software (optional) for download and review of data retrieved through defibrillator's infrared data port	
Sensitivity/Specificity	Meets AAMI DF80 guidelines and AHA recommendations for adult defibrillation (Circulation 1997;95:1677-1682)	Data Stored	Stores first 15 minutes of ECG and the entire incident's events and analysis decisions	
ShockAdvised	Able to deliver a shock as soon as the device indicates a shock is advised		or Owner Manual for decalled product instructions. All specifications based e delibrilator and its accessories are made of lasex-free maserial.	
Quick Shock	Able to deliver a shock after the CPR pause, typically in eight seconds			



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On the Web

www.philips.com/heartstart

Via email

medical@philips.com

By fax

+31 40 27 64 887

By postal service

Philips Medical Systems 3000 Minuteman Road Andover, MA 01810-1085

Asia

Tel: +852 2821 5888

Europe, Middle East and Africa

Tel: +31 40 27 63005

Latin America

Tel: +55 11 2125 0764

North America

Tel: +1 800 934 7372

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References

National Center for Health Statistics. National Vital Statistics Report, Phystosville, Pharyland: Public Health Services, 2000; 48(11). #EPFAZIATIONAL States Fire Administration, A Profile of Fire In the United States, Twelfat action, 1989-1998. American Heart Association, 2004 Heart and Stroke Statistical Updata. Dallas, Toxos: American Heart Association, 2004 Heart and Stroke Statistical Updata. Dallas, Toxos: American Heart Association, 2004

Occupational Salety & Health Association (OSHA), www.osha.gov/dts/db/db_data/tb/20011717.pdf.

Berger S, Diaka A, Foneiburg DZ, Sudden cardiac death in infants, children and adolescents. Pedacric Clinics of Morth America, Apr. 1999; 46 (2):221

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