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About blood pressure Safety Information Safety Information Safety Information To assure the correct use of the device, some basic safety 1. What is blood pressure? A Do not touch the output of AC adapter (when used) and the cord with wet hands. neasures should be followed including the precautions Blood circulation is responsible for supplying the body listed in the manual MARNING: This alert identifies hazards that may cause Blood pressure is the pressure exerted on the arteri serious personal injury or death. Do not use a cellular phone near the device. It may result in A Those suffering from arrhythmia, diabetes, blood circulation The systolic blood pressure value (higher pressure of operational failure or apoplexy problem, please use under the physician's advice. Type BF applied part represents the blood pressure produced by contract Please avoid using in high radiant area in order to make your heart muscle. Self-diagnosis of measured result and treatment is dangerous. Contact your physician for specific information about your blood pressure. Follow the instructions of your doctor. neasuring data correctly Manufacturer The diastolic blood pressure value (lower pressure value) represents the blood pressure produced by r SN Specifies serial number WARNING: ▲ The device is intended to be used in measuring blood pressure and pulse rate for adults only and is it not recommended for the heart muscle. Do not dispose of the electrical appliances as unsorted CE Mark: Confirms to essential requirements of the neonatal baby. municipal waste, use separate collection facilities. Contact Medical Device Directive 93/42/EEC. your local government for information regarding collection ▲ Operate the device only as intended. Do not modify, use for any other purpose without authorization of the manufacturer. systems available. If electrical appliances are disposed DISPOSAL: Do not dispose this device as an unsorted in landfills or dumps, hazardous substance can leak into municial waste. Collection of such waste separately for Do not disassemble or attempt to repair the device or any the aroundwater and get into the food chain, damaging components as it will cause the device to function erroneously special treatment is necessary. vour health and well-being. Keep dry The swallowing of small parts like packaging bag, battery, battery cover, wrapping of cuff hose around the neck may Note: Blood pressure is measured in m Classification cause suffocation Follow instructions for use 2. WHO blood pressure classification 1. Internally powered equipment; Please don't use a dilution agent, alcohol or petrol to clean the device. Please don't hit heavily or drop the device from Standards for assessment of high blood pressure, wit 2. Type BF applied part; CAUTION: Consult accompanying documents 3. Protection against ingress of water: IPX0; to age, have been established by the World Health O a high place. 4. Not category AP / APG equipment; Do not use the device where flammable gases (such as anesthetic gas, oxygen or hydrogen) or flammable liquid 5. Mode of operation: Continous operation; According to the blood pressure classification by the (such as alcohol) are present. SYS lower than 100mmHg (13.3kPa) is considered as I 6/24 7/24 5/24 8/24 How to use How to use How to use System setup of User, Time and Date How to use the memory function System setup of User, Time and Date function How to measure blood pressure To measure blood pressure accurately The device stores the blood pressure and the pulse rate in the User setting: 1) Set the arm cuff in proper position as directed in the Please remain silent for 5-10 minutes. Avoid eating, drinking memory after completing each measurement. It can automatically revious section "How to use the arm cuff". Press the Press the "SET" button to turn on the device. The store 99 sets of measurement values for two users. The oldest alcohol, smoking, exercising and bathing before taking the START/STOP button. screen will display U1 or U2. 183 record is deleted to save the latest measurement value for each measurement as all these factors will influence the measurement All display symbols appear on the screen for 2 secs Press the "SET" button again to change U1 or U2. user reading reaches more than 99 sets. and then "0" will display. result Press the START/STOP button to save the setting. • Remove any garment that fits closely to your upper arm. 2) The cuff starts inflating automatically displaying the To display the measurement values . Year setting: rising pressure on the screen. In case the desired Always measure on the same arm (normally left). When the device is power off press the "MEM" button to view the pressure is not detected, the device will automatically Press and hold the button SET when power off until last three measurement average value re-inflate to a higher pressure. • Take measurement regularly at the same time of the day, as the year show on display. The screen will display and Press the "MEM" button again to view the last measurement value flash 20XX. Each time you press "MEM" button, the blood pressure changes even during the day. 3) When the device detects the pulse, the heart symbol Press the "MEM" button repeatedly and each time it will show the year will increase by one. You can choose from 201 * on the display screen will flash subsequent measurement value one by one and the date and time Please maintain the posture of: legs uncrossed, feet flat on the to 2050 will display alternately. floor, back and arm supported while normally using the product. Press "SET" button to confirm the year and save you When the measurement is completed, the systolic diastolic and pulse rate will appear on the display screen. setting. It will then enter the month and date setting 108 63 109 <u>[]</u> 15 72 Common factors responsible for error in measurement 5) The measurement readings remain on the display until you switch off the device. If no button is pressed for a **5**5 65 87 2. Month and Date setting: Any efforts made by the patient to support their arm can raise period of 2 mins, the device switches off itself in order 18: 11 **70** The screen will display month and date, and keep the blood pressure. to save the power. 8Ô 01/02 **82** • °° 1∕02 **8 1** flashing on month. • Ensure that you are in a comfortable, relax position. Do not make Each time you press "MEM" button, the month will any arm movement during measurement. Use a cushion for ncrease by one. You can choose from 1 to 12. The symbol " IHB " will be displayed along with the reading if To delete all values stored in the memory support, if necessary irregular heartbeat is detected during the measurement. Press "SET" button to confirm the month. it will then To permanently remove all stored memories, please enter into enter the date setting mode. • If the position of the arm artery is below or above the heart level, Each time you press "MEM" button, the date will the memory reading mode. Press and hold the "SET" button until a false reading will be obtained. To discontinue the ongoing measurement "CL NO" is displayed on the screen. increase by one. The date will keep changing from When it is necessary to interrupt the blood pressure meas Press the "SET" button again to choose "CL YES" to clear all the 01 to 31 for any reason (eq. the patient feels unwell) press the START/STOP Press "SET" button when you confirm the date. It will outton. The device will automatically decrease the arm cuff pressure. Press the START/STOP button to save the setting. then enter the time setting mode. 13/24 14/24 15/24 16/24 Troubleshooting Care and Maintenance **Care and Maintenance EMC** Declaration Care Maintenance Trouble removal Guidance and manufacturer's declaration - electron emissions • Keep the device in the storage case when not Do not clean the body andDo not wet the cuff or attempt The digital blood pressure monitor is intended to be u Possible Cause Solution Problem cuff with naphtha, thinner or to clean the cuff with water electromagnetic environment specified below. The custo gasoline etc Clean the device with a soft dry cloth. Check the battery Replace it with new user of the digital blood pressure monitor should assu Do not use any abrasive or volatile cleaners. H) used in such an environment No power • Never immerse the device or any component The second Check the polarity Insert and place the unity test IEC 60601 test Compliance level Electroma batteries in the correct osition of the in water level polarity direction patteries. Floors shou ±8 kV contact Whether the plug is Insert into the air socket Make sure the monitor is off prior to cleaning, a discharge (ESD) IEC 61000-4-2 Store the device in a clean Remove the batteries if the ±15 kV air ±15 kV air nserted f floors are mixture of distilled water and 10 percent bleach and dry location. Don't subject device will not be used for 3 No inflation Whether the plug is Replace with a new cuff. could be used. the device to extreme hot or months or longer. e at leas cold temperature, humidity When using a spray bottle, moisten a soft cloth and direct sunlight. towel with the bleach or detergent mix until it is Electrical fast Power supply Power supply Mains powe Check whether arm Do not move your arms Err and stops fully saturated. Squeeze any excess moisture ines: ±2 kV lines: ±2 kV be of a typic IEC 61000-4-4 input / output lines: ±1 kV × ~ input / output lines: ±1 kV from the cloth to avoid any dripping or potential over saturation of the cuff. Check whether you are chatting while Keep quiet and measure again. Surge IEC 61000-4-5 Line(s) to line(s): ±1 kV. Line(s) to line(s): ±1 kV. ±1 kV. tine(s) to earth: ±2 kV. ±2 kV. ±00 kHz repetition 100 kHz repetition Mains power be of a typic • Wipe all surfaces of the cuff thoroughly. Make sure to clean the inside and outside of the cuff. r hospital Be cautious not to get any moisture in the main Check whether the ₩ We won't be responsible for any quality problem if you don't device. Cuff leak cuff is wrapped Wrap the cuff tightly. frequency frequency care and maintain the product as instructed loosely. • Use a dry cloth and gently wipe away any Voltage dips, short 0% 0.5 cycle At 0°, 105°,90°,135°,180°, voltage variations 0% 0.5 cycle At 0°, 45°,90°,135°,180°, 225°,270°and 315° Mains power of be of a typical or hospital en or hospital en excess moisture that may remain on the blood Check whether the Change to a new cuff. pressure cuff. Lay the cuff flat in an unrolled n power supply 0% 1 cycle And 0% 1 cycle And position and allow the cuff to dry. A Please contact our central helpline or local distributor in IEC 61000-4-11 70% 25/30 cycles 70% 25/30 cycles case you cannot resolve the problem. Do not dismantle the device by yourself. Single phase: at 0
0% 300 cycleSingle phase: at 0
0% 300 cycle 21/32 22/32 23/32 24/32 **EMC** Declaration Warranty Information Warranty Information ŚHIKON Guidance and manufacturer's declaration - electromagnetic Statement For repair under this warranty our authorized service agent must emissions be advised of the fault within the period of the warranty. This warranty The digital blood pressure monitor is intended to be used in the The intended use: the unit is intended to be used by adults at electromagnetic environment specified below. The customer or the covers parts and labor only under normal operations. A transportation home or medical center to measure blood pressure and pulse rate user of the digital blood pressure monitor should assure that it is or freight fee that may be incurred will be the owner's responsibility Digital Blood Pressure Monitor from the upper arm. used in such an environment. Any defect resulting from natural causes, eg. flood, hurricane etc, is not within this warranty. This warranty does not cover damage Warning against servicing and maintenance while the medical Separation distance according to frequency of transmitte incurred by use of the device not in accordance with the instructions Rated maximum equipment is in use. output power of accidental damage, or being tampered with or serviced by 150 kHz to 80 MHZ 80 MHZ to 800 MHZ 800 MHZ to 2,7 Ghz d=1.2 d=2.3 mitter ■ The device satisfies the requirements of EN ISO 81060-1:2012 unauthorized service agents. and EN 1060-3:1997 +A2:2009 Non-invasive sphygmomanometers. 0.12 0,01 0.23 Monitor subjected to misuse, abuse, and neglect of these manual Blood pressure measurements determined with this device are 0.38 0.73 content, non - instructional purposes; unauthorized repairing or 0.1 equivalent to those obtained by trained observer using the cuff / modifications will be excluded from this warranty. This warranty 2.3 1.2 stethoscope auscultatory method, within the limits prescribed by specifically excludes expendables and consumables, for example 3.8 7.3 the American National Standard, manual, electronic, or automated batteries. All warranty claims must be directed to the distributor 100 12 23 sphyamomanometers. responsible for the sale of the device. The content of this warranty is subject to change without further notice. The risk of patient and user can be lowered to acceptable level Made in India b For transmitters rated at a maximum output power not listed above SPACEAGE MULTIPRODUCTS PRIVATE LIMITED Substitution of a cuff different from that supplied might result in The effects of degraded sensors and electrodes, or loosened the recommended separation distance d in meters (m) is estimated 16, Ganesh Chandra Avenue, Kolkata- 700013, West Bengal, India electrodes, that can degrade performance or cause other problems. using the equation applicable to the frequency of the transmitter easurement error. Central Helpline: +91 9433046999 | Email: info@myspaceage.com where P is the maximum output power rating of the transmitter in Specifications are subject to change without notice because of Periodic check: Sensitive measuring devices must be checked watts (W) according to the transmitter manufacturer. from time to time for accuracy and leakage, we therefore recommend improvement in performance. that the performance should be checked every 2 years and after NOTE 1 At 80 MHz and 800 MHz, the separation distance for the CE maintenance and repair. igher frequency range applies Warranty Information The device requires no calibration. It is not repairable and contains NOTE 2 These guidelines may not apply in all situations. no user serviceable parts. Electromagnetic propagation is affected by absorption and reflection This device carries a warranty for two years against any From the house of **MORNING WALKER**[®] For any assistance contact our Central Helpline: +91 9433046999 from structures, objects and people. manufacturing defect as per Co's policy.

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