

Instruction Manual

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OMRON
IM1-HEM-7143-E-01/10/2020
5674676-0A

Automatic Upper Arm Blood Pressure Monitor

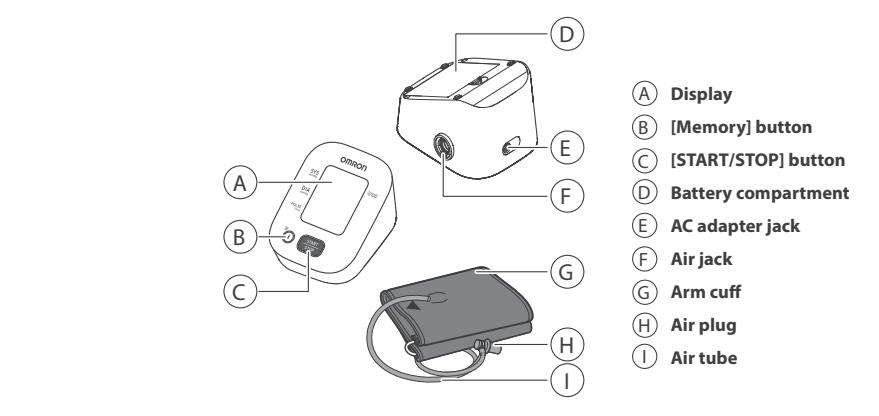
M2 (HEM-7143-E)

English

Read instruction manual (1) and (2) before use.

For symbols information, refer to "Symbols Description" on the back side of the another "instruction manual (1)".

All for Healthcare



CE 0197

Introduction

Thank you for purchasing the M2 Automatic Upper Arm Blood Pressure Monitor. This blood pressure monitor uses the oscillometric method of blood pressure measurement. This means this monitor detects your blood movement through your brachial artery and converts the movements into a digital reading.

Safety Instructions

This instruction manual provides you with important information about the M2 Automatic Upper Arm Blood Pressure Monitor. To ensure the safe and proper use of this monitor, READ and UNDERSTAND all of these instructions. If you do not understand them, or if you have any questions, contact your OMRON retail outlet or distributor before attempting to use this monitor.

For specific information about your own blood pressure, consult with your physician.

AC Adapter (optional accessory) Handling and Usage

- **Plug the AC adapter into the outlet.**
- When unplugging the AC adapter from the outlet, be sure to safely pull from the AC adapter. **DO NOT pull from the AC adapter cable.**
- **When plugging the AC adapter cable:**
 - DO NOT damage it.
 - DO NOT break it.
 - DO NOT pinch it.
 - DO NOT forcibly bend or pull it.
 - DO NOT use it if it is gathered in a bundle.
 - DO NOT place it under heavy objects.
 - Wipe any dust off of the AC adapter.
 - Use a soft cloth to clean the AC adapter.
 - Unplug the AC adapter before cleaning this monitor.

Battery Handling and Usage

- **DO NOT insert batteries with their polarities incorrectly.**
- **Only use 4 "AA" alkaline or manganese batteries with this monitor. DO NOT use other types of batteries. DO NOT use different brands of batteries together.**
- **Remove batteries if this monitor will not be used for a long period of time.**
- If batteries should get in your eyes, immediately rinse with plenty of clean water. Consult with your physician.
- **DO NOT use batteries after their expiration date.**
- Periodically check batteries to ensure they are in good working condition.

Important Safety Information

Read the Important Safety Information in this instruction manual before using this monitor. Follow this instruction manual thoroughly for your safety.

Keep for future reference. For specific information about your own blood pressure, CONSULT WITH YOUR PHYSICIAN.

Warning Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

• **DO NOT use this monitor on infants, toddlers, children or persons who cannot express themselves.**

• **DO NOT adjust medication based on readings from this blood pressure monitor. Take medication as prescribed by your physician. This monitor is qualified to diagnose and treat high blood pressure.**

• **DO NOT apply the arm cuff on your arm while on an intravenous drip or blood transfusion.**

• **DO NOT use this monitor in areas containing high frequency (RF) signal equipment, magnetic resonance imaging (MRI) equipment, computerized tomography (CT) scanners. This may result in incorrect operation of the monitor and/or cause an inaccurate reading.**

• **DO NOT use this monitor in oxygen rich environments or near flammable gases.**

• **Consult with your physician before using this monitor if you have common arrhythmias such as atrial or ventricular premature beats or atrial fibrillation; arterial sclerosis; poor circulation; or any other medical condition or disease. NOTE that any of these conditions in addition to patient motion, trembling, or shivering may affect the monitor's reading.**

• **NEVER diagnose or treat yourself based on your readings. ALWAYS consult with your physician.**

• **To help avoid strangulation, keep the air tube and AC adapter away from your neck, too close to your children.**

• **This product contains small parts that may cause a choking hazard to swallowed by infants, toddlers and children.**

AC Adapter (optional accessory) Handling and Usage

Caution Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury to the user or patient, or cause damage to the monitor or other property.

• **Stop using this monitor and consult with your physician if you experience skin irritation or discomfort.**

• **Consult with your physician before using this monitor on an area where there is an electrical therapy, or an arteriovenous (AV) shunt, is present because of temporary interference to blood flow and could result in injury.**

• **Consult with your physician before using this monitor if you have heart disease.**

• **Consult with your physician before using this monitor if you have severe blood flow problems, or blood disorders as cuff inflation may affect the monitor's reading.**

• **DO NOT take measurements more often than necessary because bruising, due to blood flow interference, may occur.**

• **DO NOT use this monitor in a moving vehicle such as a car or on an aircraft.**

• **DO NOT drop or subject this monitor to strong shocks or vibration.**

• **DO NOT use this monitor in places with high or low humidity or high or low temperatures. Refer to section 3.**

• **During measurement, observe the arm to ensure that the monitor is not causing prolonged impairment to blood circulation.**

• **DO NOT use this monitor in high-use environments such as medical offices or physician offices.**

• **DO NOT use this monitor with other medical electrical (ME) equipment simultaneously. This may result in incorrect operation of the monitor and/or cause an inaccurate reading.**

• **Avoid bathing, drinking alcohol or caffeine, smoking, exercising and eating for at least 30 minutes before taking a measurement.**

• **Rest for at least 5 minutes before taking a measurement.**

• **Remove tight-fitting or thick clothing from your arm while taking a measurement.**

• **Remove still and DO NOT talk while taking a measurement.**

• **Only use the arm cuff on persons whose arm circumference is within the specified range of the cuff.**

• **Wait until the monitor has adjusted to room temperature before taking a measurement. Taking a measurement after an extreme temperature change could lead to an inaccurate reading.**

• **Allow the monitor to warm up or cool down when the monitor is used in an environment with the temperature ranging from 10 °C to 40 °C for at least 2 hours.**

• **After a measurement, observe the arm to ensure that the monitor is not causing prolonged impairment to blood circulation.**

• **DO NOT use this monitor after the durable period has ended.**

• **Refer to section 3.**

• **DO NOT crease the arm cuff or the air-tube excessively.**

• **DO NOT kink the air-tube while taking a measurement.**

• **This may cause an injury by interrupting blood flow.**

• **To unplug the air plug, pull on the plastic air plug at the base of the tube, not the tube itself.**

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Display/Problem

Possible Cause

Solution

E1 appears The monitor has malfunctioned.

Press the [START/STOP] button again. If "E1" still appears, contact your OMRON retail outlet or distributor.

E2 flashes Batteries are low.

Replacing all 4 batteries with new ones is recommended. Refer to section 3 of instruction manual (2).

E3 appears or The monitor is turned off unexpectedly during a measurement.

Immediately replace all 4 batteries with new ones. Refer to section 3 of instruction manual (2).

E4 appears Batteries are depleted.

Check the battery installation for proper placement. Refer to section 3 of instruction manual (2).

E5 appears Nothing appears on the display of the monitor.

Battery polarities are not properly aligned.

Check the battery installation for proper placement. Refer to section 3 of instruction manual (2).

E6 appears Blood pressure varies constantly. Many factors including stress, time of day, and/or how you apply the arm cuff, may affect your blood pressure. Review section 2 of instruction manual (2).

Press the [START/STOP] button to turn the monitor off, then press it again to take a measurement. If the problem continues, remove all batteries and wait for 30 seconds.

Then re-install batteries. If the problem continues, contact your OMRON retail outlet or distributor.

For specific information about your own blood pressure, consult with your physician.

2. Maintenance

2.1 Maintenance

To protect your monitor from damage, follow the directions below:

• Changes or modifications not approved by the manufacturer will void the user warranty.

Caution

• DO NOT disassemble or attempt to repair this monitor or other components. This may cause an inaccurate reading.

2.2 Storage

Keep your monitor in the storage case when not in use.

1. Remove the arm cuff from the monitor.

Caution

• To unplug the air plug, pull on the plastic air plug at the base of the tube, not the tube itself.

2. Gently fold the air tube into the arm cuff.

Note

• Do not bend or crease the air tube excessively.

3. Place your monitor and other components in the storage case.

Do not store your monitor and other components:

• If your monitor and other components are wet.

• In locations exposed to extreme temperatures, humidity, direct sunlight, dust or corrosive vapors such as bleach.

• In locations exposed to vibrations or shocks.

2.3 Cleaning

• Do not use any abrasive or volatile cleaners.

• Use a soft dry cloth or a soft cloth moistened with mild (neutral) detergent to clean your monitor and arm cuff and then wipe off any remaining residue.

• Do not wash or immerse your monitor and arm cuff or other components in water.

• Do not use strong thinners, mineral solvents to clean your monitor and arm cuff or other components.

2.4 Calibration and Service

• The accuracy of this blood pressure monitor has been carefully tested and is designed for a long service life.

• It is generally recommended to have the unit inspected every two years to ensure correct functioning and accuracy. Please consult your authorised OMRON dealer or the OMRON Customer Service at the address given on the packaging or attached literature.

3. Specifications

Product category Electronic Sphygmomanometers

Product description Automatic Upper Arm Blood Pressure Monitor

Model (Code) M2 (HEM-7143-E)

Display LCD digital display

Cuff pressure range 0 to 299 mmHg

Blood pressure measurement SYS: 60 to 260 mmHg DIA: 40 to 215 mmHg

Pulse measurement range 40 to 180 beats / min.

Accuracy Pressure: ±3 mmHg Pulse: ±5% of display reading

Inflation Automatic by electric pump

Deflation Automatic pressure release valve

Measurement method Oscillometric method

Operation mode Continuous operation

IP XX Ingress protection degree provided by IEC 60529

ART. Protection against electric shock

SN Serial number

LOT LOT number

MD Medical device

EU Declaration of Conformity

CE CE marking

Intelli sense

OMRON's trademark technology for blood pressure measurement

Direct current

Alternating current

Date of manufacture

Quality PASS

ART. Marker on the cuff to be positioned above the artery

SN Serial number

LOT LOT number

MD Medical device

EU Declaration of Conformity

CE CE marking

Intelli sense

OMRON's trademark technology for blood pressure measurement

Direct current

Alternating current

Date of manufacture

Instruction Manual

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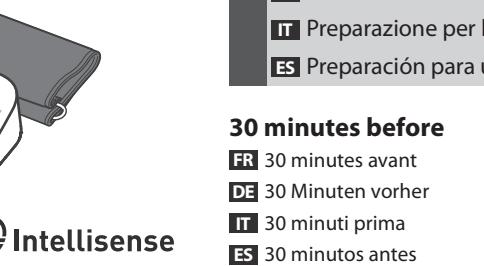
OMRON

Automatic Upper Arm Blood Pressure Monitor

جهاز مراقبة ضغط الدم في أعلى الذراع الآلي

M2 (HEM-7143-E)
(HEM-7143-E) 2م

All for Healthcare



Intellisense

Read Instruction manual ① and ② before use.

French Lire le mode d'emploi ① et ② avant l'utilisation.

German Lesen Sie vor der Verwendung Gebrauchsanweisung ① und ②.

Italian Leggere il manuale di istruzioni ① e ② prima dell'uso.

Spanish Leer el manual de instrucciones ① y ② antes del uso.

Dutch Lees gebruiksaanwijzing ① en ② voor gebruik.

Russian Перед использованием прочтите руководства по эксплуатации ① и ②.

Turkish Kullanmadan önce kullanım kılavuzu ① ve ② 'yi okuyun.

Arabic اقرأ دليل الإرشادات ① و ② قبل الاستخدام.

IM2-HEM-7143-E-01-10/2020

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1 Package Contents

FR Contenu de l'emballage

NL Inhoud van de verpakking

DE Packungsinhalt

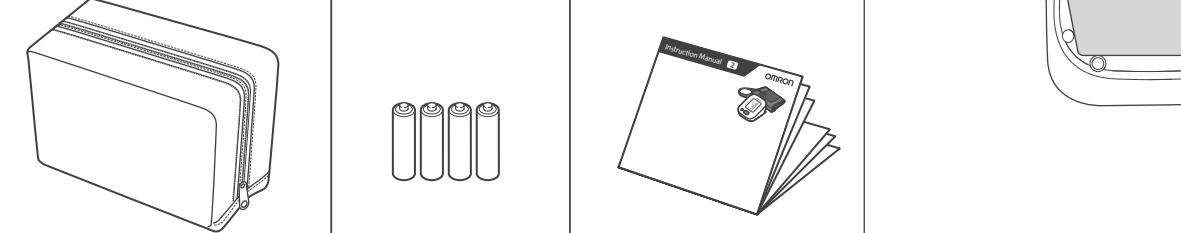
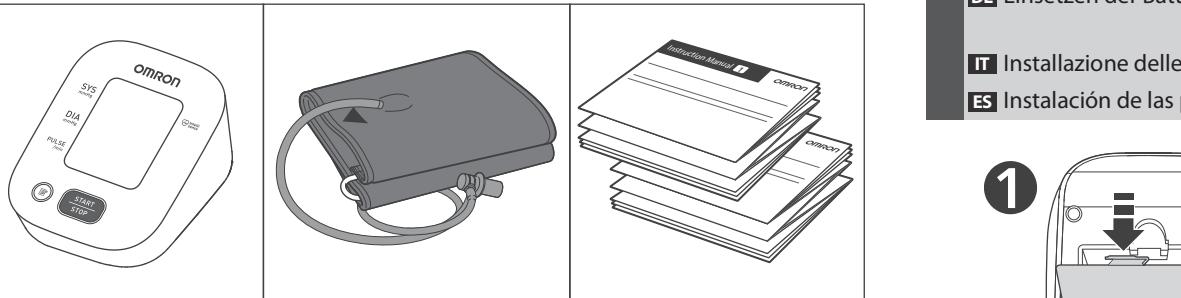
RU Комплект поставки

IT Contenuto della confezione

TR Paketin İçindekiler

ES Contenido del envase

Arabic محتويات العبوة



2 Preparing for a Measurement

FR Préparation d'une mesure

DE Vorbereiten einer Messung

IT Preparazione per la misurazione

ES Preparación para una medición

NL Een meting voorbereiden

RU Подготовка к измерению

TR Ölçüm Hazırlığı

Arabic التجهيز لعملية القياس

30 minutes before

FR 30 minutes avant

DE 30 Minuten vorher

IT 30 minuti prima

ES 30 minutos antes

NL 30 minuten ervoor

RU За 30 минут до

TR 30 dakika önce

Arabic قبل القياس بستة十分鐘

AR

EN لف الشريط الضاغط على الذراع الأيمن

AR

NL De manchet op de linkerarm aanbrengen

RU Расположение манжеты на левой руке

TR Kollugun Sol Kola Takılması

Arabic لف الشريط الضاغط على الذراع الأيسر

AR

ES Colocación del manguito en el brazo izquierdo

RU لف الشريط الضاغط على الذراع الأيمن

TR 152

Arabic قبل القياس بستة十分鐘

AR

5 minutes before: Relax and rest.

FR 5 minutes avant : détente et repos.

DE 5 Minuten vorher: ruhig hinsetzen.

IT 5 minuti prima: rilassarsi e stare a riposo.

ES 5 minutos antes: relájese y descansese.

NL 5 minuten ervoor: ontspan en rust.

RU За 5 минут до: расслабьтесь и отдохните.

TR 5 dakika önce: gevşeyin ve dinlenin.

Arabic قبل القياس بستة十分鐘

AR

EN اجلس بشكل مرتفع بحيث يكون الظهر والذراع في وضع استرخاء واسترخ.

AR

3 Installing Batteries

FR Mise en place des piles

DE Einsetzen der Batterien

IT Installazione delle batterie

ES Instalación de las pilas

NL Batterijen plaatsen

RU Установка элементов питания

(приобретаются дополнительно)

TR Pillerin Takılması

Arabic يجب أن يرتفع جانب الخرطوم من الشريط الضاغط من 1 إلى 2 سم عن المرفق.

AR

FR سأсеoir confortablement de manière à ce que le dos et le bras soient bien soutenus.

DE Bequem hinsetzen, mit dem Rücken anlehnen und den Arm auf eine Unterlage legen.

IT Sedere comodamente con la schiena e il braccio ben sostentati.

ES Siéntese cómodamente de modo que la espalda y el brazo estén bien apoyados.

NL Neem een comfortabele zitpositie in, met uw rug en arm ondersteund.

RU Сядьте удобно, чтобы спина и рука опирались на что-либо.

TR Sırtınız ve kolunuz desteklenerek rahat bir şekilde oturun.

Arabic عند الضغط على زر [START/STOP]، يتم إجراء القياس وحفظه تلقائياً

AR

EN If your systolic pressure is more than 210 mmHg:

FR Après une pression sur le bouton [START/STOP], la mesure démarre et le résultat est enregistré automatiquement.

DE Beim Drücken der Taste [START/STOP] erfolgt die Messung. Die Messwerte werden automatisch gespeichert.

IT Quando si preme il pulsante [START/STOP], la misurazione viene eseguita e salvata automaticamente.

ES Al pulsar el botón [START/STOP], se obtiene la medición, que se guarda automáticamente.

NL Wanneer op de knop [START/STOP] wordt gedrukt, wordt de meting automatisch uitgevoerd en opgeslagen.

RU После того, как кнопка [START/STOP] нажата, измерение выполняется и сохраняется автоматически.

TR [START/STOP] düğmesine basıldığında ölçüm yapıılır ve otomatik olarak kaydedilir.

Arabic عند الضغط على زر [START/STOP]

AR

EN When the [START/STOP] button is pressed, the measurement is taken and saved automatically.

FR

DE

IT

ES

NL

RU

TR

Arabic

AR

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Arabic

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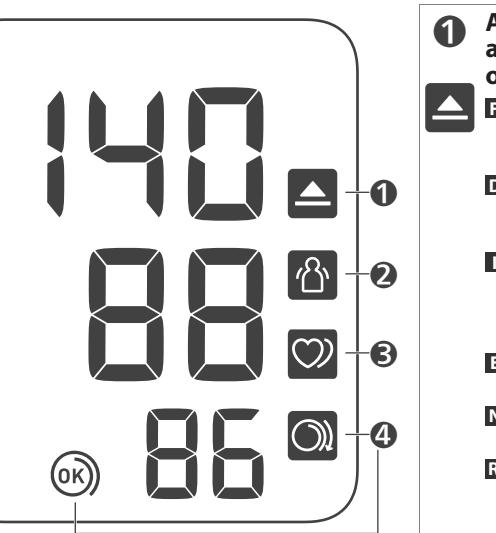
IT

ES

NL

7 Checking Readings

FR Vérification des résultats
DE Prüfen der Messwerte
IT Controllo dei risultati
ES Comprobación de lecturas



2 Appears when your body moves during a measurement. Remove the arm cuff, wait 2 - 3 minutes and try again.

FR *S'affiche si vous bougez pendant une mesure. Retirer le brassard, attendre 2 à 3 minutes et essayer à nouveau.
DE Wird angezeigt, wenn Sie sich während der Messung bewegen. Nehmen Sie die Manschette ab, warten Sie 2-3 Minuten und versuchen Sie es erneut.
IT Viene visualizzato se l'utilizzatore si muove durante la misurazione. Rimuovere il bracciale, attendere 2-3 minuti e riprovare.
ES Aparece cuando se mueve el cuerpo durante una medición. Retire el manguito, espere unos 2 o 3 minutos e inténtelo de nuevo.
NL Verschijnt wanneer uw lichaam tijdens een meting beweegt. Verwijder de armmanschet, wacht 2-3 minuten en probeer het opnieuw.

RU Отображается при движении тела во время измерения. Снимите манжету, подождите 2-3 минуты и попробуйте еще раз.

TR Bir ölçüm esnasında vücudunuz hareket ettiğinde görünür. Kolluğu çıkarın, 2 - 3 dakika bekleyin tekrar deneyin.

AR تظهر عند تحرك جسمك في أثناء عملية القياس. قم بإنزال الشريط الضاغط للذراع وانتظر من ٢ إلى ٣ دقائق وحاول مرة أخرى.

*******يُعرَف اضطراب ضربات القلب بأنه ظلم أقل من النظم الطبيعي الذي يتم اكتشافه في أثناء عملية القياس بمعدل ٢٥٪ أو أكثر منه بمعدل ٢٥٪.

3 Appears when an irregular rhythm** is detected during a measurement. If it appears repeatedly, OMRON recommends to consult your physician.

FR S'affiche lorsqu'un rythme irrégulier** est détecté pendant une mesure. S'il s'affiche à plusieurs reprises, OMRON recommande de consulter votre médecin.
DE Wird angezeigt, wenn während einer Messung ein unregelmäßiger Herzschlag** festgestellt wird. Wird das Symbol wiederholt angezeigt, empfiehlt OMRON, sich an Ihren Arzt zu wenden.

IT Viene visualizzato se nel corso di una misurazione viene rilevato un ritmo cardiaco irregolare**. Se il simbolo appare ripetutamente, OMRON consiglia di consultare il medico curante.

ES Aparece cuando se detecta un ritmo irregular** durante una medición. Si aparece varias veces, OMRON recomienda que consulte a su médico.

NL Verschijnt wanneer tijdens een meting een onregelmatig ritme** wordt gedetecteerd. Als dit herhaaldelijk verschijnt, raadt OMRON aan om uw arts te raadplegen.

RU Отображается, если при измерении определяется нерегулярный ритм**. Если этот символ отображается неоднократно, компания OMRON рекомендует обратиться к лечащему врачу.

TR Bir ölçüm esnasında düzensiz ritim** saptandığında görünür. Tekrarlı şekilde görünürse OMRON doktorunuza danışmanız önerir.

AR تظهر عند اكتشاف عدم انتظام ضربات القلب* في أثناء عملية القياس. عند ظهورها بشكل متكرر، OMRON توصي باستشارة طبيبك.

*******يُعرَف اضطراب ضربات القلب بأنه ظلم أقل من النظم الطبيعي الذي يتم اكتشافه في أثناء عملية القياس بمعدل ٢٥٪ أو أكثر منه بمعدل ٢٥٪.

1 Appears if "SYS" is 135 mmHg or above and/or "DIA" is 85 mmHg* or above.

FR S'affiche si « SYS » est égale ou supérieure à 135 mmHg et/ou « DIA » égale ou supérieure à 85 mmHg*.
DE Wird angezeigt, wenn « SYS » 135 mmHg oder mehr beträgt und/oder wenn « DIA » 85 mmHg* oder mehr beträgt.
IT Viene visualizzato se la pressione sistolica « SYS » è pari o superiore a 135 mmHg e/o la pressione diastolica « DIA » è pari o superiore a 85 mmHg*.
ES Aparece si «SYS» es 135 mmHg o superior y/o «DIA» es 85 mmHg* o superior.
NL Verschijnt als «SYS» 135 mmHg of hoger is en/of «DIA» 85 mmHg* of hoger is.
RU Отображается, если «SYS» (Систолическое давление) 135 мм рт.ст. и выше и/или «DIA» (Диастолическое давление) 85 мм рт.ст.* и выше.
TR «SYS» 135 mmHg ya da üstünde ve/veya «DIA» 85 mmHg* ya da üstünde olduğunda görünür.

AR تظهر إذا كان «SYS» يبلغ ١٣٥ ملليمتر زئبقياً أو أكثر، وأو «DIA» يبلغ ٨٥ ملليمتر زئبقياً أو أكثر.

*The high blood pressure definition is based on the 2018 ESH/ESC Guidelines.

FR *La définition de l'hypertension est basée sur les recommandations ESH/ESC 2018.

DE *Die Definition für Bluthochdruck basiert auf den 2018 ESH/ESC Richtlinien.

IT *La definizione di alta pressione arteriosa si basa sulle linee guida 2018 di ESH/ESC.

ES *La definición de presión arterial alta se basa en las guías 2018 ESH/ESC.

NL *De definitie van hoge bloeddruk is gebaseerd op de ESH/ESC-richtlijnen uit 2018.

RU *Определение высокого артериального давления основано на Рекомендациях 2018 ESH/ESC.

TR *Yüksek Bluthochdruck definiert sich auf die Empfehlungen der ESH/ESC-Konsensusgruppe 2018 basierend auf dem Jahr 2018.

AR *تُعرِّف ضغط الدم المرتفع بـ ٢٠١٨ إلى إرشادات الجمعية الأوروبية لضغط الدم (ESH/ESC) (الجمعية الأوروبية لطب القلب) لعام ٢٠١٨.

**An irregular heart beat rhythm is defined as a rhythm that is 25 % less or 25 % more than the average rhythm detected during a measurement.

FR **Un rythme cardiaque irrégulier est défini comme un rythme inférieur ou supérieur de 25 % au rythme moyen détecté durant une mesure.

DE **Ein unregelmäßiger Herzschlag ist definiert als ein Herzrhythmus, der weniger als 25 % oder mehr als 25 % des mittleren Herzrhythmus beträgt, der während der Blutdruckmessung erkannt wird.

IT **Si definisce ritmo cardiaco irregolare un ritmo cardiaco inferiore del 25% o superiore del 25% rispetto al ritmo medio rilevato durante una misurazione.

ES **Latido cardíaco irregular se define como un ritmo que es un 25 % menor o un 25 % mayor que el ritmo medio detectado durante una medición.

NL **Een onregelmatig hartslagritme wordt gedefinieerd als een ritme dat 25% lager of 25% hoger is dan het gemiddelde ritme dat tijdens een meting wordt gedetecteerd.

RU **Нерегулярный ритм сердцебиения — это ритм, который на 25% медленнее или быстрее измеренного среднего ритма.

TR **Düzensiz kalp atışı ritmi, bir ölçüm sırasında saptanın ortalamadan %25 daha düşük veya %25 daha yüksek ritim olarak tanımlanır.

AR **يُعرَف اضطراب ضربات القلب بأنه ظلم أقل من النظم الطبيعي الذي يتم اكتشافه في أثناء عملية القياس بمعدل ٢٥٪ أو أكثر منه بمعدل ٢٥٪.

8 Using Memory Functions

Error messages or other problems? Refer to:

FR S'affiche lorsqu'un message d'erreur ou autre problème apparaît. Voir :

DE Weitere Fehlermeldungen oder Probleme siehe:

IT Messaggi di errore o altri problemi? Fare riferimento a:

ES ¿Hay mensajes de error u otros problemas? Consulte:

NL Foutmeldingen of andere problemen? Raadpleeg:

RU Сообщения об ошибках или другие неисправности? См.

TR Hata mesajları veya başka sorunlar mı var? Bkz:

AR رسائل الخطأ أو المشكلات الأخرى؟ ارجع إلى:

9 Other Settings

Other settings

FR Autres réglages

DE Weitere Einstellungen

IT Altre impostazioni

ES Otras configuraciones

NL Andere instellingen

RU Другие настройки

TR Diğer Ayarlar

الإعدادات الأخرى

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