Medaval rating of Blood Pressure Monitors recommended by the British and Irish Hypertension Society

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Medaval certification is awarded only to devices with the most accurate measurement technology. For accreditation, proof of validation and adherence to international standards is scrutinised by Medaval with independent peer-review.

Devices without evidence of validation include those where the cited paper refers to a different device and those without evidence of possible MDR equivalence to a validated device. Medaval will update devices where scientific proof of validation or equivalence is provided.

Warning: Wrist monitor accuracy requires strict adherence to manufacturer instructions. If the monitor is not positioned correctly, the results can be very inaccurate.

BIHS Recommendations: (X) Not recommended (P) Not recommended for pregnancy
(L) Not recommended for pregnancy in those with large arms («) Listed Previously (A) Adults
(C) Children (E) The Elderly (P) Pregnancy (O) Obese Adults

Other Symbols: (D) Discontinued (O) Obsolete (R) Recalled (Research Device)

★★★★★ Certified 5-Star Blood Pressure Monitors ★★★★★

A&D UA-651 («)
iHealth Feel BP5 (D)
iHealth Sense BP7 (KD-972) (D)
Microlife BP A200 Comfort (BP 3MS1-4A) (Research Device)
Microlife BP W2 Slim
Novacor Diasys 3
Novacor Diasys 3 Plus
Omron RS3 (HEM-6130-E) (D)
Omron RS6 (HEM-6221-E) (D)
Visomat Double Comfort (24050) (V1) (D)

★★★★ Certified 4-Star Blood Pressure Monitors ★★★★

A&D UB-543 (D)
Andon KD-5851 (D)
Andon KD-5917 (D)
Andon KD-5965 (D)
AViTA BPM63S (D)
BIOS BD215 (Precision 8.0) (D)
Honsun Scian LD-735
iHealth BP3 (KD-931) (D)
Omron BP760N (HEM-7320-Z) (D)
Omron BP765 (HEM-7311-ZSA) (D)
Omron HEM-7252G-HP (D)
Omron HEM-7320F (D)
Omron HEM-7500F (D)
Omron RS8 (HEM-6310F-E) (D)
PangaO PG-800B11
PangaO PG-800B5-1
PangaO PG-800B68
Rossmax CF175f (V1)

★★★ 3-Star Blood Pressure Monitors ★★★

Andon KD-595
Grandway MD2200-W (G.LAB)
Grandway MD2231 (G.LAB)
Grandway MD2301 (Research Device)
Grandway MD2680 (G.LAB)
H&L HL868ED
iHealth Track (KN-550BT)
Meditech ABPM-06
Microlife WatchBP Office (Twin200)
Microlife WatchBP Office ABI (Twin200 ABI) (A)(O)
Omron Evolv (HEM-7600T-E)
Omron HEM-9210T (HEM-9210T-E) («)(D)
Omron M3 Comfort (HEM-7134-E) (D)
PangaO PG-800A36 (V1)
PangaO PG-800B26
SOMNOmedics ABPMpro (A)
Withings BPM Connect (WPM05) (A)(P)

★★ 2-Star Blood Pressure Monitors ★★

A&D TM-2441
A&D UA-651 Plus (UA-656A-JCB1)
A&D UM-201 (D)
A&D UM-211 (D)
AViTA BPM17
AViTA BPM64 (V1) («)(D)
Beneware 24h-ABPM (ABP-021) («)(X)
Beurer BM 28 (D)
Biospectal OptiBP («)(X)
Bpump BF1112
Edan SA-10
ERKA. Erkameter 125 PRO
Hingmed WBP-02A (V2)
InBody BP170

Medaval rating of Blood Pressure Monitors recommended by the British and Irish Hypertension Society

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★★ 2-Star Blood Pressure Monitors ★★ (Continued)

InBody BPBIO250
InBody BPBIO320
InBody BPBIO750
Microlife BP B3 AFib (BP 3KT1-3N)
Nissei DM-3000 D
Omron HBP-1300 (HBP-1300-E) P D
Omron HEM-7120
Omron HEM-9200T D
Omron HEM-9601T
PangaO PG-800A11
PAR Tonoport VI
Petr Telegin BpLab Standard
Philips DL8760-15
Qardio QardioArm A100
Sejoy Joytech DBP-1307 (Sejoy BP-1307, Joytech DBP-1307)
Spacelabs OnTrak (90227)
Suntech CT40
Transtek LS808-B P D
Transtek TMB-1491 D
Transtek TMB-1776
Universidad de Extremadura QMon-20
Uscom BP+
Yuwell YE690A (V1) D
Yuwell YE900 A C

★ 1-Star Blood Pressure Monitors ★

A&D TM-2430 D
A&D UA-1020
A&D UB-542
Accoson Greenlight 300 (AC0702A)
AViTA BPM15S
BpTru BPM-100
Datascope Accutorr Plus A C
H&L HL888HA D
Hartmann Tensoval Duo Control D
Hartmann Tensoval Duo Control II D
IEM Mobil-O-Graph NG
Medipro MC-100F D
Medisana MTP Plus (51043) D
Microlife BP 3AS1-2 (BP 3AS1-2R) P D
Microlife BP A100 (Type A) D
Microlife BP A100 Plus (BP 3MC1-1N)
Microlife WatchBP Home (BP 3MX1-1) P
Microlife WatchBP O3 (BP 3MZ1-1) D
Omron 637IT (HEM-637IT-E) A O E D
Omron 705IT (HEM-759-E) A C D
Omron HEM-907 (HEM-907-E7) A E D
Omron M3 (HEM-7200-E) D
Omron M3 Intellisense (HEM-7051-E) D
Omron M6 (HEM-7001-E) A O D
Omron M6 Comfort (HEM-7221-E) D
Omron M7 (HEM-780-E) A O P D
Omron MIT (HEM-751-E) P D
Omron MX3 Plus (HEM-742-E) D
Omron R5-I (HEM-630-E) E D
Panasonic EW-3106 D
Spacelabs 90207 D
Spacelabs 90217
Suntech Oscar 2 D
Withings BP-800 P D

Other Validated Blood Pressure Monitors

A&D TM-2655 D
A&D TM-2656 D
A&D UA-704 D
A&D UA-705
A&D UA-767
A&D UA-767 Plus
A&D UA-774 D
A&D UA-779
A&D UA-787 D
A&D UA-851
A&D UA-852
A&D UA-853 D
A&D UA-854
A&D UA-855
Andon KD-391 D
Andon KD-5915 (V1)
Artsana (Pic Solution) CS-410 D
Artsana (Pic Solution) CSI-610 D
Braun SensorControl BP-3550 D
Braun VitalScan Plus (BP-1650) D
Citizen CH-432B D
Citizen CH-656C D
Dinamap ProCare 100
EnviteC PhysioQuant ABPM (45-00-0500)
H&L HL168JD
H&L HL868BA D
HealthSTATS BPro
Heine Gamma G5

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Other Validated Blood Pressure Monitors (Continued)

Heine Gamma G7
Heine Gamma XXL LF (Desk)
HoMedics BPA-540 D
Honsun Scian LD-578 D
Kingyield BP-101H
Lloyds BP11 D
Meditech ABPM-04 D
Microlife BP 3AC1-1 D
Omron Elite 7300W (HEM-7300-EZ) D
Omron HEM-711DLX D
Omron i-Q132 SpotArm (HEM-1010-E) D
Omron M1 Plus (HEM-4011C-E) D
Omron M2 (HEM-7117-E) D
Omron M2 Compact (HEM-7102-E) D
Omron MIT Elite Plus (HEM-7301-ITKE7)
Omron R2 (HEM-6113-E) D
Omron R3-I Plus (HEM-6022-E) D
Oregon BPU 330 D
Oregon BPW810
Panasonic EW-3109 D
Riester Big Ben Square Desk
Rossmax ME701 D
Schiller BR-102 Plus (V1) D
Seinex SE-9400 D
SensaCare SAA-102
SensaCare SAW-102
Sorin Agilis D
Spengler Pro M D
Suntech 247 D
Transtek TMB-986 D
Transtek TMB-988 D
Visocor HM40 (22040) D
Visomat Comfort Eco (V2) D
Visomat Handy (21050)
Welch Allyn Connex ProBP 3400 with SureBP R
Welch Allyn Maxi Stabil 3 O

Blood Pressure Monitors Validated in a Specific Population

Microlife BP 3AC1-1 PC D
Microlife BP A3 PC (BP 3GX1-5X)
Omron MIT Elite (HEM-7300-WE7) D

Blood Pressure Monitors with an Internal or Non-Published Validation

EuroMedix Stabil-O-Graph
Mindray Beneview T5
Mortara Ambulo 2400
Riester Big Ben Square Floor
Riester Big Ben Square Rail
Riester Big Ben Square Wall

Blood Pressure Monitors with a possible MDR Equivalence to a Validated Device

A&D TM-2440
A&D TM-2657P D
A&D UA-1010
A&D UA-1030T
A&D UA-611 D
A&D UA-656BLE
A&D UA-767BT
A&D UA-767PC D
A&D UA-767S
A&D UA-767S-W
A&D UA-782 D
Activ8rlives Blood Pressure 3 (TMB-1491-BS)
Alvita CG-155F
Alvita MA-801F
Alvita TMB-1117-S
Alvita TMB-1491-S
Andon BM-091 D
Andon KD-5001 D
Andon KD-557
Andon KD-558 (V1)
Andon KD-5810
Andon KD-5811
Andon KD-5815
Andon KD-5901 (V1) D
Andon KD-5902 D
Andon KD-5905 D
Andon KD-5909
Andon KD-5918 D
Andon KD-5920
Andon KD-5923
Andon KD-5961
Andon KD-5962 D
Andon KD-5971 D
Aspen C5
Aspen CF155F
Boots 46-61-486 (HEM-757-UK) O

Medaval rating of Blood Pressure Monitors recommended by the British and Irish Hypertension Society

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Blood Pressure Monitors with a possible MDR Equivalence to a Validated Device (Continued)

Boots 56-90-404 (HEM-7041-BS)
Boots 56-90-420 (HEM-7115-BS)
Boots 56-90-447 (HEM-7101)
Boots 65-90-412
BpTru BPM-200
BpTru BPM-300
Braun ExactFit 1 (BUA5000)
Braun ExactFit 3 (BP-6000)
Braun ExactFit 3 (BP-6100)
Braun ExactFit 5 (BP-6200)
BTL Cardiopoint BTL-08 ABPM (V1)
Cardioline Walk200b
Citizen CH-617
Citizen CH-618
Cresta BPM610
Cresta BPM701
Datascope Accutorr V
Datascope iPM 12
Desa Pharma Tecnico Easy
Dinamap Carescape V100
Dinamap ProCare 200
Dinamap Procare 420
Duronic BPM-300
Ergoline Ergoscan
GE Carescape V100
GE Tonoport V
H&L Airssential AI-H971
H&L HL168KB
H&L HL168ZA
H&L HL858BA
H&L HL858DK
H&L HL858GA
H&L HL858HA
H&L HL868ZA
H&L HL868ZB
H&L HL888HC
Health Assure HL158JA
Health Assure HL858JA
HealthWorks SCLV-2007 Cardio-Vascular Lab
Heine Gamma XXL LF (Rail)
Heine Gamma XXL LF (Stand)
Heine Gamma XXL LF (Wall)
Hillrom ABPM 7100
Hillrom ProBP 2400
HoMedics BPA-2000-EU
HoMedics BPA-3000-EU
HoMedics BPW-1000-EU
HoMedics Mibody 360EU
Honsun LD3
Honsun LD30
Honsun Scian LD-520
Honsun Scian LD-522
Honsun Scian LD-526
Honsun Scian LD-528
Honsun Scian LD-530
Honsun Scian LD-532
Honsun Scian LD-533
Honsun Scian LD-562 (V1)
Honsun Scian LD-568 (V1)
Honsun Scian LD-582
Honsun Scian LD-586N
Honsun Scian LD-587
Honsun Scian LD-588
iHealth Neo BP5S
iHealth View (BP7S)
Keeler Big Ben Round
Keeler Big Ben Square
Keeler Classic
Keeler Palm
Keeler Windsor
Kessler KS 551
Kinetik BPM1K
Kinetik BPM1KTL
Kinetik TMB-1117-S
Kinetik TMB-1491-S
Kinetik TMB-1970
Kinetik TMB-2080
Kinetik TMB-2083-N
Kinetik TMB-2088
Kinetik WBP1
Kinetik WBP3
Little Doctor LD-521
Little Doctor LD-521A
Little Doctor LD12 (V2)
Little Doctor LD51
Little Doctor LD51A
Little Doctor LD51S
Little Doctor LD51U
Lloyds Betterlife (KD-551)
Lloyds KD-551
Lloyds LBP1
Lloyds LBPK1
Maestro HL158JA
Maestro HL158SA

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Blood Pressure Monitors with a possible MDR Equivalence to a Validated Device (Continued)

Maestro HL858JA
Maestro HL858SA
Medicare Lifesense A1 (MD1814)
Medicare Lifesense A2 (MD638)
Medicare Lifesense A5 (MD1806)
Medinox Compact (BP102, MX86005)
Medipro MP-BP-BPM
Meditech ABPM-05
Medset Scanlight-III
Microlife As easy as 123 (BP 3BX0-A)
Microlife BP 3AG1 (BP 3AQ1-2P)
Microlife BP 3BT0-A (2) D
Microlife BP A2 Basic (BP 3GQ1-3P)
Microlife BP A200 (BP 3MS1-4K) D
Microlife BP A3 Basic (BP 3GX1-4N)
Microlife BP B1 Classic
Microlife BP B2 Basic (BP 3KA1-3N)
Microlife WatchBP Home A (BP 3MX1-3)
Mindray BeneVision N12
Mindray iMEC-12
Omron 705CP-II (HEM-759-E2) D
Omron 708-BT (HEM-7081-ITE) D
Omron Complete (HEM-7530T-E3)
Omron HEM Solar (HEM-4500-Sole) D
Omron HEM-7117 D
Omron HEM-7320-LA D
Omron i-C10 (HEM-7070-E) D
Omron M1 (HEM-4030-E) D
Omron M1 Compact (HEM-4022-E) D
Omron M10-IT (HEM-7080IT-E) D
Omron M2 (HEM-7121-E) D
Omron M2 Basic (HEM-7116-E) D
Omron M2 Basic (HEM-7120-E) D
Omron M2 Basic (HEM-7121J-E)
Omron M2 Classic (HEM-7143-E (V1))
Omron M2 Intelli IT (HEM-7143T-EBK)
Omron M2 Intellisense (HEM-7143-E (V2))
Omron M24/7 (ABPM-BP5) D
Omron M3 Comfort (HEM-7155-E)
Omron M4 Intelli IT (HEM-7155T-EBK)
Omron M4-I (HEM-752-E) D
Omron M6 Comfort (HEM-7360-E)
Omron M7 Intelli IT (HEM-7361T-EBK)
Omron MIT Elite (HEM-7300-WE) D
Omron MX2 Basic (HEM-742-E2) D
Omron Pro Logic PL100 (HEM-7101-PR) D
Omron R2 (HEM-6113-FR) D
Omron R6 (HEM-6000-E7) D
Omron R6 (HEM-6052-2) D
Omron R7 (HEM-637-E2) D
Omron RS2 (HEM-6121-E)
Oregon Ssmart Talking (BPU321OS) D
Oregon Tunstall BPU-329
Par Physio-Port
Proton PHC-888EA
Proton PHC-888UP
Proton PHCP-868BF
Riester Big Ben Round Desk
Riester Big Ben Round Floor
Riester Big Ben Round Rail
Riester Big Ben Round Wall
Riester E-Mega (1-tube)
Riester E-Mega (2-tube)
Riester Exacta
Riester Minimus II
Riester Minimus III
Riester Precisa N
Riester Precisa N shock-proof
Riester R1 Shock-Proof
Riester RBP-100
Riester ri-cardio
Riester ri-champion N
Riester ri-medic Desk
Riester ri-medic Floor
Riester ri-medic Wall
Riester ri-san
Rossmax AB701 D
Rossmax AC1000f (V1) D
Rossmax AC701 D
Rossmax Accumed AF701 D
Rossmax Accumed AW150 D
Rossmax Accumed Carrdio C5 D
Rossmax Accumed MH901 D
Rossmax AD701 D
Rossmax AE701 D
Rossmax AJ701 D
Rossmax AK150f D
Rossmax AU941f (V1) D
Rossmax AV151f D
Rossmax AW151 D
Rossmax CF155f
Rossmax CH155f (V1) D
Rossmax CH155f (V2)
Rossmax MA350 D

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Blood Pressure Monitors with a possible MDR Equivalence to a Validated Device (Continued)

Rossmax MG150f D
Rossmax MH150 D
Rossmax MJ150f D
Rossmax MJ701 O
Rossmax MR250 D
Rossmax MW701f (V2) D
Rossmax MW821f D
Rossmax X1 (V1) D
Rossmax X3 (V1) D
Rossmax X5 (V1) D
Rossmax X9
Rossmax Z1
Rossmax Z5
Salter BPA-8200-EU O
Salter BPA-9200-GB
Seagull S-868BA O
Seagull S-888HA
Spengler TB-101 D
Suresign LD-588
Suresign LD3
Unimedic Tensioday O
Visomat Comfort O
Walgreens WGNBPA-730 D
Walgreens WGNBPA-740 D
Walgreens WGNBPA-750 D
Walgreens WGNBPW-710 D
Walgreens WGNBPW-720 D
Welch Allyn ABPM 6100 O
Withings BPM Connect Pro (WPM06) A P
Yuwell YE680A « X

Blood Pressure Monitors with a Validation Fail

Cofoe KF-65B « X
Welch Allyn Vital Signs 300 Series « P O

Blood Pressure Monitors without Evidence of Scientific Validation

Beurer BM 44
Kinetik BPM1C D

Visit www.medaval.ie for more information

- The world's top registry
- Check if your device is validated
- Devices not proven to be validated
- Device Manuals
- Manufacturer Statistics
- Validation procedures
- Blood Glucose Meters
- Pulse Oximeters
- Connected Health Devices