



## 24-hour ambulatory blood pressure monitoring

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Corporate Author: Nova Scotia Health Authority. QEII. Hypertension Clinic  
Alternate Title: 24 hour ambulatory blood pressure monitoring  
Place of Publication: Halifax, NS  
Publisher: Nova Scotia Health Authority  
Date of Publication: 2020  
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Language: English  
Physical Description: 1 electronic document ([4] p.) : digital, PDF file  
Subjects (MeSH): Blood Pressure Monitoring, Ambulatory  
Subjects (LCSH): Ambulatory blood pressure monitoring  
Abstract: An ambulatory blood pressure monitor is a small electronic device with a blood pressure cuff attached to it. This pamphlet explains how to use an ambulatory blood pressure monitor for 24 hours (1 day). It also provides info on where to return the monitor when you are done. Contact info is provided if you have questions.  
Responsibility: Prepared by: Hypertension Clinic, VG  
Pamphlet Number: 2073



## Blood Pressure Monitoring in Cardiovascular Medicine and Therapeutics

<https://libcat.nshealth.ca/en/permalink/provcat39888>

Available Online: View e-Book  
Other Authors: White, William B  
Responsibility: William B. White, editor  
Edition: Third edition  
Place of Publication: Cham  
Publisher: Springer International Publishing : Imprint: Humana Press  
Date of Publication: c2016  
Physical Description: 1 online resource (xviii, 418 p. : 85 illus., 34 illus. in color)  
Series Title: Clinical hypertension and vascular diseases  
ISBN: 9783319227719  
9783319227702 (print ed.)  
Subjects (MeSH): Blood Pressure Monitoring, Ambulatory  
Blood Pressure - physiology  
Circadian rhythm - physiology  
Heart Rate  
Hypertension - diagnosis  
Hypertension - therapy

**Abstract:** This new edition is devoted to a broad array of topics involving the circadian variation in cardiovascular diseases, with focuses on hypertension, stroke, and coronary disease. The volume covers clinical and device research related to home and ambulatory BP monitoring, as there have been significant advances in technology since the publication of the previous edition. In addition, there is an increased focus on the applicability of home and ambulatory BP monitoring in drug development in all therapeutic arenas. The text features contributions from chapter authors from around the world and who have great expertise in cardiovascular medicine, therapeutics, clinical trials, and evidence-based medicine. Blood Pressure Monitoring in Cardiovascular Medicine and Therapeutics, Third Edition is essential reading for a large audience, including those practicing cardiology and nephrology with a special focus in hypertension, geriatrics and internal medicine, clinical trialists, regulators in the US, Europe, and Japan, and physicians in training in cardiology, hypertension, pharmacology, nephrology and neurology.

**Contents:** Monitoring Blood Pressure in the Office – Home (Self) Monitoring of the Blood Pressure – Activity Monitoring and Effects of the Environment on Blood Pressure – Ambulatory Monitoring of Blood Pressure: An Overview of Devices, Analyses, and Utility – Validation and Reliability Testing of Blood Pressure Monitors – Circadian and Cyclic Environmental Determinants of Blood Pressure Patterning and Implications for Therapeutic Interventions – Blood Pressure Variability as Elusive Harbinger of Adverse Health Outcomes – Physiologic Control of the Circadian Variability in Blood Pressure – Prognostic Value of Ambulatory Blood Pressure Monitoring – Ambulatory blood pressure and stroke – Ambulatory Blood Pressure Monitoring in Older Persons – Ambulatory Blood Pressure Monitoring in Children and Adolescents – Ambulatory Blood Pressure Monitoring in Special Populations: During Pregnancy – Ambulatory Blood Pressure in Patients with Chronic Kidney Disease – Ambulatory Blood Pressure Monitoring in Coronary Artery Disease and Heart Failure – Ambulatory Blood Pressure Monitoring in Special Populations: Masked Hypertension – White coat Hypertension – Gender and Circadian Rhythms in Cardiovascular Function – Home (self) monitoring of Blood Pressure in Clinical Trials – Ambulatory Blood Pressure Monitoring in Clinical Trials of Drugs and Devices – Out-of-Office Monitoring in Clinical Practice.

**Format:** e-Book

**Location:** Online



**Chronomics and Continuous Ambulatory Blood Pressure Monitoring :  
Vascular Chronomics : From 7-Day/24-Hour to Lifelong Monitoring**

<https://libcat.nshealth.ca/en/permalink/provcat40386>

**Available Online:** View e-Book

**Author:** Otsuka, Kuniaki

**Other Authors:** Cornelissen, Germaine

Halberg, Franz

**Responsibility:** Kuniaki Otsuka, Germaine Cornelissen, Franz Halberg

**Edition:** 1st ed.

**Place of Publication:** Tokyo

**Publisher:** Springer Japan

**Date of Publication:** c2016

**Physical Description:** 1 online resource (lxxv, 870 p. : 644 illus., 275 illus. in color)

**ISBN:** 9784431546313  
9784431546306 (print ed.)

**Subjects (MeSH):** Blood Pressure Monitoring, Ambulatory  
Chronobiology Phenomena  
Hypertension

**Abstract:** This fascinating volume applies the concept of chronomics to the medical treatment of hypertension. It starts with the recent updates on chronomics, the analytic techniques, and their application to community-based assessments. The authors advocate the use of 7-day/24-h records of blood pressure, which is effective for finding masked hypertension, masked morning surge, and other rhythm abnormalities. Most organisms, from cyanobacteria to mammals, are known to use the circadian mechanism. However, our body systems also demonstrate circaseptan (roughly weekly), circannual (roughly yearly), and even longer rhythms. Chronomics monitors the physiological data and then analyzes the superimposed rhythms, isolating the cycles mathematically to determine how organisms and their environment interact. It is the study of interactions among time structures (chronomes) in and around us.

Contents: 1. From chronobiology to chronomedicine: Days of creation – 2. From chronomics to chronoastrobiology: Many rhythms are control information for whatever we do – 3. Chronobioethics: what is life? – 4. Chronobiology – 5. Chronomics of heart rate variability – 6. Chronomics of life for improving the quality of health – 7. Chronomics of tree rings gauge climate change – 8. Introduction to Chronobioengineering – 9. What community-based glocal comprehensive assessment tells us: chronoecology is far superior to evidence-based medicine (EBM) – 10. Community-based comprehensive geriatric assessment – 11. Chronomic community screening: depressive mood, heart rate variability and cardiovascular outcomes in a community – 12. Chronoecological "glocal" (global and local) comprehensive health-watch at high altitude – 13. Chronoastrobiology – 14. Heart rate variability reflecting the dynamics of solar activity – 15. A transdisciplinary near-transyear in sudden cardiac death validates its counterpart in the solar wind and geomagnetics – 16. Diagnosing vascular variability disorders and vascular variability syndromes – 17. Among-day blood pressure variability assessed by 7-day/24-hour ambulatory blood pressure monitoring and prognostic value of vascular variability anomalies – 18. Case presentations I. Within-day BP variations observed using 7-day/24-hour ambulatory BP monitoring – 19. Case presentations II. Vascular variability syndrome – 20. Case presentations III. Among-day variability of circadian profiles of 24-hour ABP – 21. "What is life?" Cycles tipping the scale between death and survival – 22. Astro-glocal spatially and temporally (global & local) comprehensive health watch especially at high altitude – 23. Chronobioethics and Alerting Chronobiological Ambulatory Blood Pressure Monitoring (C-ABPM; stress/strain-test) For preventing cardiovascular and for understanding and avoiding/evading societal and natural cataclysms by personalized and generalized chronospheres – Closing Remarks.

Format: e-Book

Location: Online



## Home Blood Pressure Monitoring

<https://libcat.nshealth.ca/en/permalink/provcat44952>

Available Online: View e-Book

Other Authors: Stergiou, George S.  
Parati, Gianfranco  
Mancia, Giuseppe

Other Authors: European Society of Hypertension

Responsibility: George S. Stergiou, Gianfranco Parati, Giuseppe Mancia, editors

Place of Publication: Cham

Publisher: Springer

Date of Publication: c2020

Physical Description: 1 online resource (viii, 174 p.) : 25 illus., 9 illus. in color

Series Title: Updates in hypertension and cardiovascular protection

ISBN: 9783030230654  
9783030230647 (Print ed.)  
9783030230661 (Print ed.)  
9783030230678 (Print ed.)

ISSN: 2366-4606

Subjects (MeSH): Blood Pressure Determination - methods  
Blood Pressure Monitoring, Ambulatory  
Hypertension - prevention & control

Specialty: Cardiology  
Monitoring, Physiologic

Abstract: Hypertension remains a leading cause of disability and death worldwide. Self-monitoring of blood pressure by patients at home is currently recommended as a valuable tool for the diagnosis and management of hypertension. Unfortunately, in clinical practice, home blood pressure monitoring is often inadequately implemented, mostly due to the use of inaccurate devices and inappropriate methodologies. Thus, the potential of the method to improve the management of hypertension and cardiovascular disease prevention has not yet been exhausted. This volume presents the available evidence on home blood pressure monitoring, discusses its strengths and limitations, and presents strategies for its optimal implementation in clinical practice. Written by distinguished international experts, it offers a complete source of information and guide for practitioners and researchers dealing with the management of hypertension.

Contents: 1. Devices for Home Blood Pressure Monitoring – 2. Cuff Design for Home Blood Pressure Monitors – 3. Home Blood Pressure and Preclinical Organ Damage – 4. Home Blood Pressure as Predictor of Adverse Health Outcomes – 5. Diagnostic Value of Home Blood Pressure – 6. Home Blood Pressure Monitoring Schedule – 7. Home Blood Pressure Monitoring for Treatment Titration – 8. Home Blood Pressure Monitoring, Treatment Adherence and Hypertension Control – 9. Home Blood Pressure Monitoring: Cost-Effectiveness, Patients' Preference and Barriers for Clinical Use – 10. Home Blood Pressure Monitoring in Clinical Research – 11. Home Blood Pressure Telemonitoring: Conventional Approach and Perspectives from Mobile Health Technology – 12. Nocturnal Home Blood Pressure Monitoring – 13. Home Blood Pressure Monitoring in Children, Pregnancy, and Chronic Kidney Disease – 14. Home Blood Pressure Variability – 15. Home Versus Ambulatory Blood Pressure Monitoring – 16. Guidelines for Home Blood Pressure Monitoring.

Format: e-Book

Location: Online



## Home blood pressure monitoring

<https://libcat.nshealth.ca/en/permalink/chpams35092>

Available Online: View Pamphlet

Corporate Author: Nova Scotia Health Authority. QEII. Hypertension Clinic

Place of Publication: Halifax, NS

Publisher: Nova Scotia Health Authority

Date of Publication: 2020

Format: Pamphlet

Language: English

Physical Description: 1 electronic document (5 p.) : digital, PDF file

Subjects (MeSH): Blood Pressure Monitoring, Ambulatory

Subjects (LCSH): Ambulatory blood pressure monitoring

Abstract: This pamphlet describes how to take your blood pressure at home. Topics include: advantages of monitoring your blood pressure at home, things to consider when buying a blood pressure monitor, how to measure, ideal blood pressure numbers at home, as well as a diagram showing the right way to take your blood pressure. The French version of this pamphlet 2197, "Surveiller la tension artérielle à la maison," is also available.

Responsibility: Prepared by: Hypertension Clinic

Pamphlet Number: 1197



## Surveiller la tension artérielle à la maison

<https://libcat.nshealth.ca/en/permalink/chpams37513>

**Available Online:** View Pamphlet

**Corporate Author:** Nova Scotia Health Authority. QEII. Hypertension Clinic

**Place of Publication:** Halifax, NS

**Publisher:** Nova Scotia Health Authority

**Date of Publication:** 2020

**Format:** Pamphlet

**Language:** French

**Physical Description:** 1 electronic document (6 p.) : digital, PDF file

**Subjects (MeSH):** Blood Pressure Monitoring, Ambulatory

**Subjects (LCSH):** Ambulatory blood pressure monitoring

**Specialty:** Cardiovascular System

**Abstract:** Ce dépliant porte sur le suivi et la surveillance de la tension (pression) artérielle à la maison. Il décrit les avantages de la surveiller à la maison, les choses à considérer quand on achète tensiomètre (appareil de mesure de la tension), comment mesurer la tension artérielle et les valeurs cibles à la maison. Il comprend aussi une illustration qui montre comment mesurer la tension artérielle. This pamphlet describes how to take your blood pressure at home. Topics include: advantages of monitoring your blood pressure at home, things to consider when buying a blood pressure monitor, how to measure, ideal blood pressure numbers at home, as well as a diagram showing the right way to take your blood pressure.

This pamphlet is a French translation of "Home Blood Pressure Monitoring" pamphlet 1197. This pamphlet describes how to take your blood pressure at home. Topics include: advantages of monitoring your blood pressure at home, things to consider when buying a blood pressure monitor, how to measure, ideal blood pressure numbers at home, as well as a diagram showing the right way to take your blood pressure.

**Responsibility:** Prepared by: Hypertension Clinic

**Pamphlet Number:** 2197