SunTech® Oscar2™

24-HR ABP

Accurate BP Readings Day & Night

+ Highest Standards of Clinical Accuracy

+ Interpretive AccuWin Pro Software

+ Simple Set-Up & Operation

+ User-Centered Design

SunTech Medical®, a company with a twenty-year history in blood pressure technology, presents the Oscar 2™ system for ambulatory blood pressure monitoring (ABPM). ABPM is considered the gold standard for measuring blood pressure by clinicians worldwide. It provides valuable diagnostic information that in-clinic and home blood pressure monitoring systems are incapable of measuring, including: bp variability, night-time bp, overnight dipping, and morning surge of bp.

+ Trusted Accuracy //

The *Oscar 2* is the only ABPM available that is clinically validated to all three internationally recognized standards:

- British Hypertension Society (BHS) A/A
- European Society of Hypertension International Protocol (ESH)
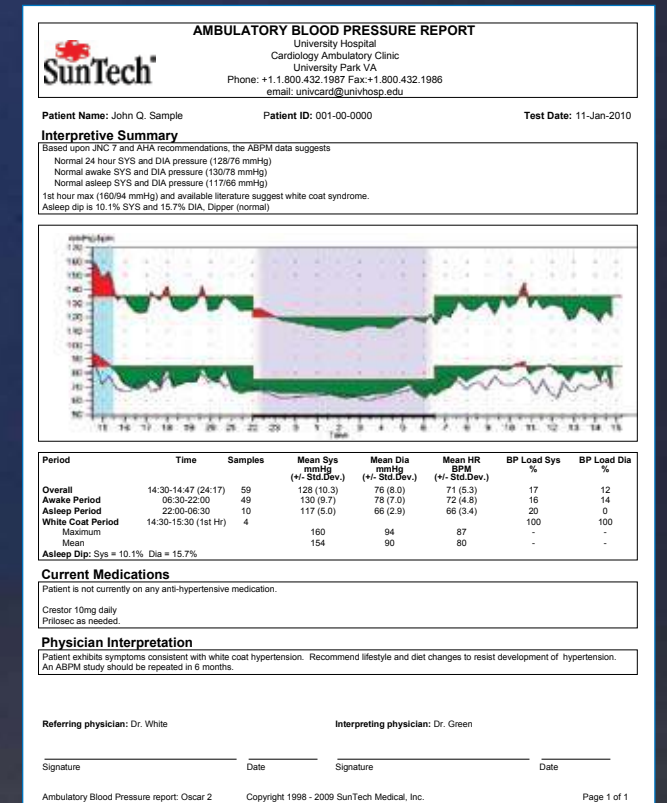- Association for the Advancement of Medical Instrumentation (AAMI) SP10

+ Designed for Patient Comfort & Compliance //

- Light and compact design
- Motion-tolerant technology reduces re-inflates and failed readings
- Dynamic inflation above previous systolic reduces measurement time
- Quiet pump operation
- Flash memory eliminates the possibility of lost data

+ AccuWin Pro™ v3 //

AccuWin Pro™ v3 is a user-friendly, Windows® based program that allows maximum flexibility for configuration, analysis, interpretation and reporting of ABPM studies.

- **Interpretive Summary //** Automated analysis of ABPM data according to AHA, ESH or JNC 7 guidelines.

- **White-Coat Analysis //** The first hour of collected data is compared with the full 24-hour data to automatically indicate if the patient exhibits a white coat effect. Medicare reimbursement documentation is clearly displayed within the report.

- **Pediatric Threshold Calculator //** Pre-programmed pediatric ABP thresholds based on published guidelines improve workflow and analysis.

- **PDF Report Allows EHR/EMR Compatibility //** Create an un-editable, electronic report for storage in most EHR/EMR systems.

- **Single Page Report Option //** A simple one page report includes an ABP graph, interpretive summary, asleep dip analysis and blood pressure statistics with selected patient information.

- **Time-Slice Periods //** Provides statistical analysis on user-defined time windows.

AMBULATORY BLOOD PRESSURE REPORT
University Hospital
Cardiology Ambulatory Clinic
University Park VA
Phone: +1.1.800.432.1987 Fax:+1.800.432.1986
email: univcard@univhosp.edu

Patient Name: John Q. Sample   **Patient ID:** 001-00-0000   **Test Date:** 11-Jan-2010

Interpretive Summary
Based upon JNC 7 and AHA recommendations, the ABPM data suggests
  Normal 24 hour SYS and DIA pressure (128/76 mmHg)
  Normal awake SYS and DIA pressure (130/78 mmHg)
  Normal asleep SYS and DIA pressure (117/66 mmHg)
1st hour max (160/94 mmHg) and available literature suggest white coat syndrome.
Asleep dip is 10.1% SYS and 15.7% DIA, Dipper (normal)

Period	Time	Samples	Mean Sys mmHg (+/- Std.Dev.)	Mean Dia mmHg (+/- Std.Dev.)	Mean HR BPM (+/- Std.Dev.)	BP Load Sys %	BP Load Dia %
Overall	14:30-14:47 (24:17)	59	128 (10.3)	76 (8.0)	71 (6.3)	17	12
Awake Period	06:30-22:00	49	130 (9.7)	78 (7.0)	72 (4.8)	16	14
Asleep Period	22:00-06:30	10	117 (5.0)	66 (2.9)	66 (3.4)	20	0
White Coat Period	14:30-15:30 (1st Hr)	4				100	100
Maximum			160	94	87	-	-
Mean			154	90	80	-	-
Asleep Dip: Sys = 10.1% Dia = 15.7%

Current Medications
Patient is not currently on any anti-hypertensive medication.

Creator 10mg daily
Prilosec as needed.

Physician Interpretation
Patient exhibits symptoms consistent with white coat hypertension. Recommend lifestyle and diet changes to resist development of hypertension. An ABPM study should be repeated in 6 months.

Referring physician: Dr. White   **Interpreting physician:** Dr. Green

Signature   Date   Signature   Date

Ambulatory Blood Pressure report: Oscar 2   Copyright 1998 - 2009 SunTech Medical, Inc.   Page 1 of 1

+ Indications for Use[1,2] //

- White-coat hypertension (reimbursable procedure)
- Drug resistant hypertension
- Masked hypertension
- Hypotensive symptoms with anti-hypertensive meds

+ Orbit™ Blood Pressure Cuffs //

- Patented, stretch sleeve keeps the cuff in place both day and night
- Latex-free material
- Curved design fits larger arm sizes
- Removable bladder for machine washing

SunTech® Oscar 2™
24-HR ABP

+ The Oscar 2™ System Includes:

Oscar 2 ABP monitor

AccuWin Pro™ v3 software (CD)

2 Orbit™ ABP cuffs (Adult and Adult Plus)

Carrying pouch, patient belt & shoulder strap

USB interface cable

4 AA alkaline batteries

10 patient diaries

User's guide

Standard 2 year warranty

+ Specifications:

Validations:	BHS (A/A), ESH, ANSI/AAMI SP10:2002
BP Technique:	Oscillometry with step deflation
BP Range:	25-260 mmHg
HR Range:	40-200 bpm
Sampling Periods:	3 adjustable (awake, asleep, and special)
Time Intervals:	5, 10, 15, 20, 30, 45, 60, 90 and 120 min.
Event Key:	Program to allow additional patient readings
Data Storage:	Flash memory stores up to 250 readings
Power Source:	Two AA batteries
Weight:	284 grams, including batteries
Dimensions:	12 x 7 x 3 cm
PC Requirements:	Serial or USB port, Windows® XP or later

+ CPT Codes ABPM

Reimbursement:	Description:
CPT 93784	ABPM, utilizing a system such as magnetic tape and/or computer disk, for 24 hours or longer, including recording, scanning analysis, interpretation, and report.
CPT 93786	Recording only
CPT 93790	Interpretation only
CPT 93788	Scanning analysis with report

Medicare covers ICD-9 code 796.2 which is described as elevated blood pressure reading without diagnosis of hypertension. Private insurance carriers may cover additional ICD-9 codes.

+ Product Numbers — + Description

Product Numbers	Description
99-0012-00	Oscar 2 ABPM System
27-0037-A1	*AccuWin Pro* v3 software (CD)
98-0056-00 ∗ and highlighted items included in the Accessory Kit.	**PowerPack Accessory Kit -** Complete your system with a full line of Orbit cuffs and a 1-year extended warranty.
97-0090-02	PC USB Cable
98-0063-11*	Small Adult *Orbit* Cuff (18-27 cm)
98-0063-12	Adult *Orbit* Cuff (25-35 cm)
98-0063-13	Adult Plus *Orbit* Cuff (33-40 cm)
98-0063-14*	Large Adult *Orbit* Cuff (39-46 cm)

+ Product Numbers — + Description

Product Numbers	Description
98-0032-00	*Oscar 2* Pouch
98-0037-00	*Oscar 2* Belt
98-0036-00	*Oscar 2* Shoulder Strap
82-0019-00	Patient Diaries (qty.50)
17-0007-00*	Battery Recharger + 4 NiMH AA batteries
80-0027-00	*Oscar 2* English Manual
80-0026-00	*AccuWin Pro* v3 English Manual

1. The Seventh Report of Joint National Committee on Prevention, Detection, and Evaluation and Treatment of High Blood Pressure
2. World Health Organization - International Society of Hypertension

C (ETL) US
87995

CE 0413

part #82-0009-00 Rev. K