Spacelabs Medical
An OSI Systems Company

90207/90217 Ambulatory Blood Pressure Systems
“This ABP monitor gives me the information I need to identify problematic patients, such as those with white-coat hypertension or those who are not responding to medication. Its software produces fast and accurate analyses so I can easily interpret the data to better treat my patients.”
Clinical Advantage
Fast, accurate results from Spacelabs’ ABP system enable you to fine-tune your patients’ treatment and better assess their cardiovascular risks. Its reliability has made it the #1 ABP monitor in the world, preferred by physicians and patients alike. Its latest software supports compliance with government requirements for integrity, availability, security and confidentiality of patient health information.

Innovation
Our proprietary oscillometric algorithm has been proven in over 20 years’ use in pediatric, adolescent, adult and elderly patients with a variety of disorders. Its accuracy has been validated by official organizations* in the US, UK, France and Germany5,6. Researchers have selected Spacelabs Medical’s ABP monitors for more than 500 clinical studies, including the landmark DASH, SYST-Eur and AASK** analyses.

Value
The cost to treat hypertensive disease in the US is estimated to be $37.2 billion per year in direct costs, with a total cost of $50.3 billion.7 As many as 35% of patients identified as hypertensive by office measurements may actually be normotensive.2,3 When ABP monitoring identifies those patients with white-coat hypertension, you may be able to spare them the cost and side effects of antihypertensive drugs that may not be needed.2 Thus, improved diagnostic accuracy could save millions of dollars.

Simplicity
Patients especially like the monitor’s compact design, light weight and quiet operation, so they’re more likely to follow your instructions, and you’re more likely to get the results you need. The Ultralite™ 90217 is small enough to fit in a shirt pocket. Choose from 5 cuff sizes ranging from child (12-20 cm) to extra-large adult (38-50 cm) for maximum accuracy and comfort.

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* US - Association for the Advancement of Medical Instrumentation (AAMI)
UK - British Hypertension Society, France - Homologation standards, Germany - PTB, GDT
**DASH - Dietary Approaches to Stop Hypertension
SYST-Eur - Systolic Hypertension in Europe
AASK - African American Study of Kidney Disease and Hypertension
New 92506 ABP Report
Management System

- Interfaces with 90207 and 90217 ABP monitors
- New software offers quick and simple method of retrieving, displaying, editing and printing ABP data
- Configurable report format
- Enhanced graphics
- Advanced search capability
- Remote communications feature for programming and data retrieval via modem
- Supports e-mail transfer of reports as PDF files
- Supports compliance with FDA electronic records requirements and HIPAA

Patient Report and Demographic information may be easily customized for the individual hospital, office, or other clinical setting. Pull down menu facilitates the insertion of indications and medications. Report provides unlimited space for interpretation commentary.

Provides a day, night and 24-hour summary for systole, diastole, mean arterial pressure, pulse, heart rate, and nocturnal dipping status. Statistical boundaries for systole and diastole may be easily revised to accommodate the standard desired for the individual patient.
Which of your patients could benefit from ambulatory BP monitoring?

According to the new JNC VII Guidelines, ambulatory BP monitoring (ABPM) is “warranted” for patients with “white-coat” hypertension—20 to 35% of patients who are hypertensive in your office may be normotensive at home.

JNC VII also suggests that ABPM aids in assessing patients who:
- are not responding to antihypertensive therapy
- are taking antihypertensive medication and are experiencing symptoms of hypotension
- have episodic hypertension
- have autonomic dysfunction

ABPM is a proven, reliable tool:
- ABPM data correlates better than office measurements with target organ injury
- ABPM illustrates the extent of BP reduction during sleep; those whose BP doesn’t drop at night are at increased risk for cardiovascular events
- Recent studies suggest that ABPM data more accurately reflects a patient’s actual BP than casual or in-office BP measurements
- Availability of ABPM data improves the physician’s ability to predict CV risk
ABP Monitors and Accessories

2 models assure patient comfort and compliance

**Ultralite™ 90217 monitor**
- Small – approximately 1” x 4” x 2¾” (2.5 cm x 10 cm x 7 cm)
- Weighs just 9 oz (255 g) including 3 AA batteries

**90207 monitor**
- Compact – approximately 1.1” x 4.5” x 3.4” (2.8 cm x 11.4 cm x 8.6 cm)
- Weighs 12.2 oz (347 g) including 4 AA batteries

Variety of cuffs assures accuracy
- 1 child size, 4 sizes for adults - small, standard, large, extra-large
- Cuff may be worn over a light shirt or blouse
- Can be easily removed and replaced for dressing and bathing

90239A ABP Report Generator/Printer
- Simple, cost-effective way to analyze data from Spacelabs’ ABP monitors
- Programs the monitor, analyzes the raw data, assembles data into a report
- Reports include 24-hour day and night summaries of systolic, diastolic, mean arterial pressure, and heart rate

### Ordering Information

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**Report Generator**
- 90239A ABP Report Generator/Printer

**Cuffs**
- 015-0118-01 Cuff, Child, 12-20 cm
- 015-0067-01 Cuff, Small Adult, 17-26 cm
- 015-0068-02 Cuff, Standard Adult, 24-32 cm
- 016-0077-01 Cuff, Large Adult, 32-42 cm
- 016-0109-01 Cuff, XL Adult, 38-50 cm (includes cuff support harness)
- 015-0070-00 Cuff Support Harness for all Cuffs

**Reusable Cuff Wraps**
- 706-0155-00 Cuff Wrap, ABP, Child, 12-20 cm
- 706-0154-00 Cuff Wrap, ABP, Small Adult, 17-26 cm
- 706-0152-00 Cuff Wrap, ABP, Standard Adult, 24-32 cm
- 706-0153-00 Cuff Wrap, ABP, Large Adult, 32-42 cm
- 706-0151-00 Cuff Wrap, ABP, XL Adult, 38-50 cm

**Cables**
- 012-0097-02 ABP Interface Cable (ABP Monitor to Personal Computer)
- 012-0096-01 Modem Interface Cable (ABP Monitor to Modem)

**Accessories**
- 016-0410-00 Pouch, cloth 90207
- 016-0340-00 Pouch, cloth 90217
- 016-0080-00 Nylon Web Belt for 90207/90217
- 016-0360-00 Shoulder Strap for Pouch, cloth 90207/90217
- 016-0040-00 T-tube Calibration Accessory for 90207/90217
- 000-0027-02 Patient Diary, each
- 006-0210-02 Thermal Paper Roll (57 mm), for 90239A Report Generator, 6 rolls/pack

### References

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More time to care.

In every care area and in every country, every second counts. As hospitals and doctors are required to meet more stringent targets and are being run on tighter budgets, time for care is an increasingly precious resource. Ask clinicians and they will list, time with the patient as a driving factor in providing the highest standard of care. Technology is not their priority, but it’s truly welcomed when it helps free up time to stay closer to their patients.

‘More time to care’ is at the heart of every Spacelabs monitoring solution. With over 50 years of listening to our clinicians, we know exactly what to focus on to deliver such vital efficiencies:

- Fast, accurate, comprehensive patient data
- Intuitive, easy-to-use monitors
- Anytime, anywhere access to monitoring information
- Flexible and scalable open-system technology platforms

For more information, contact your local Spacelabs representative or go to www.spacelabs.com