

Application

Use the ADC ADCUFF™ SPU Blood Pressure cuff the same as a traditional blood pressure cuff. The blood pressure cuff works with manual and automated sphygmomanometers.

Follow the application instructions for use to ensure the correct size cuff for the patient. Failure to do so will adversely affect the accuracy of the reading.

Operational Pressure Range: 0 to 300 mmHg

1. Select cuff size appropriate for the patient's arm circumference.
The applicable range, in centimeters, is printed on each cuff.
2. Place open cuff around the inner portion of the upper arm (or thigh).
3. Align artery symbol Φ to the brachial (or femoral) artery.
4. Use the RANGE indicator with the INDEX line to check that the limb falls within the specified range of that cuff. If it does not, select a cuff that better accommodates the limb circumference.
5. Wrap the cuff snugly around the arm (or thigh) allowing 1-2 fingers between cuff and limb.
6. It is recommended to promptly remove cuff from patient when monitoring is not in progress.

Disposal: Please dispose of cuff according to local regulations

Environmental Conditions

Operating Ranges:

Temp: 32°F - 122°F (0°C - 50°C)
RH: 15 - 95% non-condensing

Storage Ranges:

Temp: -4°F - 149°F (-20°C - 65°C)
RH: 15 - 95% non-condensing

Limited Warranty

ADC warrants our blood pressure cuff products to be free from defects in material and workmanship 24 months from the original date of purchase. The warranty shall only cover out-of-box failures, as this is a Single Patient Use product. It is not intended for repeated use.

Contact the ADC Service Department at 1-800-ADC-2670 to receive a Return Material Authorization number before sending any product. Cuffs should be returned to the attention of the Service Department at the address below.

To Obtain Warranty Service: Send item(s) postage paid to ADC®, Attn: Repair Dept., 55 Commerce Dr., Hauppauge, NY 11788. Please include your name and address, phone no., proof of purchase, and a brief note explaining the problem.

To register your product visit us at:
www.adctoday.com/register

This manual is available online in a variety of languages,
follow the links for language options:

www.adctoday.com/care

FOR QUESTIONS, COMMENTS, OR SUGGESTIONS CALL TOLL FREE:

1-800-ADC-2670

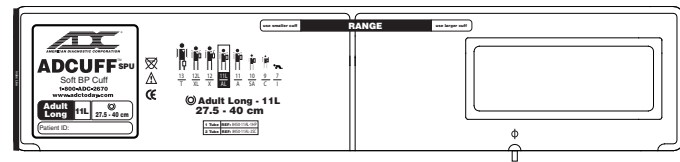
OR VISIT:

www.adctoday.com/feedback

ADCUFF™ SPU

Soft BP Cuff

Use, Care, & Maintenance



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Introduction

Intended use

ADC® ADCUFF™ SPU pediatric through adult Blood Pressure Cuffs are noninvasive blood pressure cuffs intended for use in conjunction with non-automated and automated sphygmomanometers to determine blood pressure in pediatric through adult patients.

Contraindications











ADC® ADCUFF™ SPU

Pediatric through adult Blood Pressure cuffs are contraindicated for neonate use.

Federal (US) law restricts this device to sale by or on the order of a licensed healthcare practitioner

Symbol Definitions

The following symbols are associated with your SPU cuff.

Symbol	Definition	Symbol	Definition
	Cuff Index Line		Not made with natural rubber latex
	Cuff index line must fall within range markings for an accurate measurement		Arm circumference
	Artery symbol - should be placed over brachial or femoral artery		Conforms to EU Standards
	Attention. Read Operating Manual for Cautions and Instructions for Use		Symbol indicating lot code of cuff
			Authorized European Representative's Information
			Manufacturer's Information

General Warnings

A warning statement in this manual identifies a condition or practice that, if not corrected or discontinued immediately could lead to patient injury, illness, or death.

WARNING: Patient injury risk. Never install luer lock connectors on ADC blood pressure tubing. Using these connectors on blood pressure cuff tubing creates the risk of mistakenly connecting this tubing to a patient's intravenous line and introducing air into the patient's circulatory system.

WARNING: Do not apply cuff to areas on patient where skin is delicate or damaged. Check cuff site frequently for irritation.

WARNING: Do not attach the cuff to a limb being used for IV infusions or any other intravascular access, therapy or an arterio-venous (A-V) shunt. The cuff inflation can temporarily block blood flow, potentially causing harm to the patient.

WARNING: Allow space for 1 to 2 fingers between patient and cuff.

WARNING: Pressurization of the cuff can temporarily cause loss of function if simultaneously used with monitoring equipment on the same limb.

WARNING: The cuff should not be placed on the patient's arm on the side of a mastectomy. In the case of a double mastectomy, use the side of the least dominant arm.

WARNING: Following the application of the BP cuff, petechia formation (a minute reddish or purplish spot containing blood that appears in the skin) or Rumpel-Leede phenomenon (multiple petechia) on the arm, which may lead to idiopathic thrombocytopenia (spontaneous persistent decrease in the number of platelets, associated with hemorrhagic conditions), or phlebitis (inflammation of a vein) may be observed.

WARNING: A compressed or kinked connection hose may cause continuous cuff pressure resulting in blood flow interference and potentially harmful injury to the patient.

WARNING: This product may contain a chemical known to the state of California to cause cancer, birth defects, or other reproductive harm.

General Cautions

A caution statement in this manual identifies information within the manual to avoid equipment failure.

CAUTION: Possible measurement error. Use only approved blood pressure cuffs and accessories; substitution might result in measurement error.

CAUTION: Inaccurate measurement risk. Using an incorrect cuff size could result in erroneous and misleading BP measurement results. Only use the cuff when the artery index marker falls within the printed range indicated on the cuff, otherwise erroneous readings may result.

CAUTION: Do not inflate cuff unless the hook and loop is engaged.

CAUTION: Do not allow foreign debris to ingress into tubes.

CAUTION: Do not use steam or heat to sterilize the cuff, or tubing.

CAUTION: Do not exceed 250 mmHg with thigh size disposable cuffs at or above 30 °C/86 °F.

CAUTION: Intravenous Systems (IV) - Do not connect cuffs with luer lock connectors to intravenous fluid systems or fluid may enter the cuff.

CAUTION: Minimize cuff movement and limb motion during readings.

CAUTION: Ensure an airtight seal at all connection points prior to use.

CAUTION: Do not use cuff if there are any signs of damage. Failure to do so could affect measurement accuracy.

CAUTION: Minimize limb movement during the measurement.

CAUTION: Avoid contact with the cuff, other than that of the patient's limb, while measurement is in progress.

Ranges / Colors

Size	Color	Range (cm)
Infant	Orange	9-14.8
Child	Green	13.8-21.5
Small Adult	Royal	20.5-28.5
Adult	Navy	27.5-36.5
Adult Long	Navy	27.5-40
Large Adult	Burgundy	35.5-46
Large Adult Long	Burgundy	35.5-50
Thigh	Brown	45-56.5

Size	Color	Range (cm)
Neonatal 1	Orange	3-6
Neonatal 2	Lt Blue	4-8
Neonatal 3	Green	6-11
Neonatal 4	Navy	7-13
Neonatal 5	Burgundy	8-15