

**Defibtech RSS-1010  
Patient Wrist Straps for the  
RMU-1000 Automated  
Chest Compression System**



**User Manual**

***The Defibtech RMU-1000 ACC User Manual  
is a supplement to this manual.***

**ELECTRONIC  
DISTRIBUTION**

RAC-U1513EN-BB

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## **Limited Warranty**

The "Limited Warranty" shipped with Defibtech ACC products serves as the sole and exclusive warranty provided by Defibtech, L.L.C., with respect to the products contained herein.

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## **Patents**

For patent information, see [www.defibtech.com/patents](http://www.defibtech.com/patents).

# 1 Overview

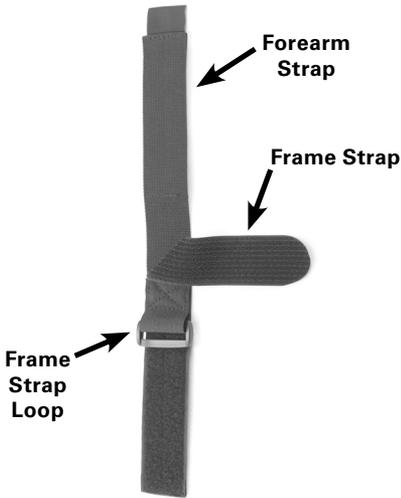


Figure 1

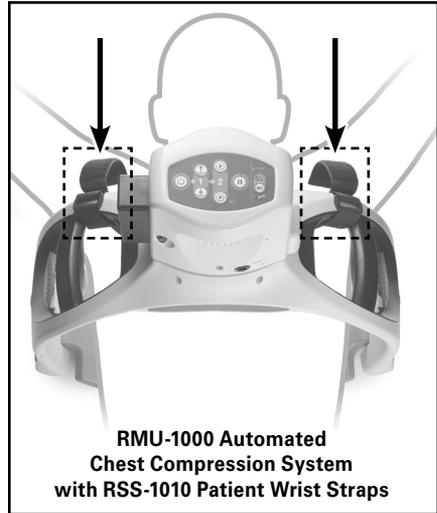


Figure 2

Defibtech RSS-1010 Patient Wrist Straps are optional accessories designed to attach a patient's arms to the Defibtech RMU-1000 Automated Chest Compression (ACC) System for ease of transporting the patient and the ACC. As shown in *Figure 1* above, each Patient Wrist Strap is comprised of two main strap sections: a Frame Strap that attaches to the ACC's Frame and an Forearm Strap that wraps around the patient's wrist.

**NOTE:** As shown in *Figure 2* above, when attaching the ACC's Frame to the Backboard, the Patient Wrist Straps can be oriented towards the patient's head to maintain access to the ACC Frame's Backboard Release Levers or on the opposite side of the ACC Frame as appropriate.

For operator training requirements, refer to the full RMU-1000 User Manual provided with the ACC system. It can also be viewed and/or downloaded at [www.defibtech.com](http://www.defibtech.com).

## 2 Using the Patient Wrist Straps

This section describes how to attach and remove the RSS-1010 Patient Wrist Straps from the ACC's Frame and the patient's wrists.

To maximize the available time to perform a rescue, Defibtech recommends that the Patient Wrist Straps be affixed to the ACC Frame using the instructions shown in Section 2.1 **prior** to a rescue and that the Frame be stored in the ACC's carrying case with the Wrist Straps already attached to the Frame.

**NOTE:** Assemble the Defibtech RMU-1000 Automated Chest Compression System in accordance with the procedures defined in the full RMU-1000 User Manual. The RMU-1000 User Manual contains assembly instructions, user information, and a complete list of warnings and precautions. It is provided with the ACC system and can also be viewed and/or downloaded at [www.defibtech.com](http://www.defibtech.com).

**NOTE:** Prior to transporting a patient with an affixed ACC, make sure that the ACC's Stabilization Strap (RSS-1000) has been attached to the unit, and that a stretcher or other transportation equipment is nearby.

### 2.1 Attaching the Frame Strap to the ACC's Frame



Figure 3



Figure 4

1. Attach the Frame Strap to the ACC Frame by inserting the rounded end of the Frame Strap through the Frame Strap Loop, as shown in *Figure 3*.
2. After the Frame Strap has been inserted through the Frame Strap Loop, pull the end of the Frame Strap in the opposite direction so that the Frame Strap is tightly wrapped around the ACC Frame, as shown in *Figure 4*. Secure in place using the Velcro® on the underside of the Frame Strap.
3. If necessary, rotate the attached RSS-1010 so that the Forearm Strap component faces up. This allows the procedure described in Section 2.2 to be performed.
4. Repeat the above three steps to attach the second RSS-1010's Frame Strap to the ACC Frame.

## 2.2 Securing the Forearm Strap to the Patient's Wrist



Figure 5



Figure 6

1. Secure the Forearm Strap of the RSS-1010 by placing the patient's wrist on top of the Forearm Strap and placing the soft Velcro part of the strap across the patient's wrist, as shown in *Figure 5*.
2. Secure the patient's wrist to the ACC Frame by wrapping the hooked Velcro onto the soft Velcro section, as shown in *Figure 6*. Make sure that the strap securely holds the patient's arm in place.



Do not over-tighten the RSS-1010 Patient Wrist Straps to prevent potential injury.

3. Repeat the above two steps to secure patient's other arm to the ACC Frame.



Observe the patient's arms during use. Do not leave a patient unattended when using the ACC or its accessories (e.g. RSS-1010 Patient Wrist Straps).



Make sure that intravenous (IV) access is not obstructed in any way due to use of the RSS-1010 Patient Wrist Straps.



Do not use the RSS-1010 Patient Wrist Straps to lift the patient. The straps are only intended to attach the patient's arms to the RMU-1000 ACC during transport.



If the RMU-1000 ACC becomes hot, prolonged contact with the patient's skin could result in skin burns. If necessary, remove the patient's arms from the RSS-1010 Patient Wrist Straps.

### **2.3 Removing the Forearm Strap from the Patient's Wrist**

To release the patient's arm from the Wrist Strap, pull up on the fabric tab on the end of the Forearm Strap until the Velcro is no longer holding the patient's arm in place.

### **2.4 Removing the Frame Strap from the ACC's Frame**

To remove the Wrist Straps from the ACC's Frame, pull up on the rounded end of the Frame Strap until it can be slid through the Frame Strap Loop. The Patient Wrist Straps may be removed for cleaning purposes (see Section 3) or if the Straps need to be replaced.

### **2.5 Preparing the Wrist Straps for Next Usage**

To maximize the available time to perform a rescue, Defibtech recommends that the Patient Wrist Straps remain affixed to the ACC Frame and that the Frame be stored in the ACC's carrying case with the Wrist Straps already attached to the Frame.

## **3 Cleaning**

When necessary, clean the RSS-1010 Patient Wrist Straps by detaching them from the RMU-1000 ACC and loosening all Velcro. Machine wash and air dry (do not tumble dry). When dry, Defibtech recommends re-affixing the Wrist Straps to the ACC's Frame (see Section 2.1).

If the Patient Wrist Straps cannot be cleaned, are damaged, or the Velcro is worn out, dispose of them and replace with new ones.

## 4 Safety Information

- DANGER:** Immediate hazards that will result in serious personal injury or death.
- WARNING:** Conditions, hazards, or unsafe practices that may result in serious personal injury or death.
- CAUTION:** Conditions, hazards, or unsafe practices that may result in minor personal injury, damage to the Patient Wrist Straps.

### 4.1 Warnings



RSS-1010 Patient Wrist Straps are designed only for use with Defibtech RMU-1000 Automated Chest Compression Systems. Do not apply to other items such as a stretcher or bedside rails.



Do not use if damaged, soiled, or if Velcro does not bond sufficiently to securely fasten the patient's wrists to the RMU-1000 ACC.



Do not over-tighten the RSS-1010 Patient Wrist Straps to prevent potential injury.



If the RSS-1010 Patient Wrist Straps are too loose, they may not securely fasten the patient's arms to the ACC appropriately.



Do not use the RSS-1010 Patient Wrist Straps to lift the patient. The straps are only intended to attach the patient's arms to the RMU-1000 ACC during transport.



Observe the patient's arms during use. Do not leave a patient unattended when using the ACC or its accessories (e.g. RSS-1010 Patient Wrist Straps).



Make sure that intravenous (IV) access is not obstructed in any way due to use of the RSS-1010 Patient Wrist Straps.



The RSS-1010 Patient Wrist Straps contain no user serviceable parts. Do not repair or alter the RSS-1010 Patient Wrist Straps.

### 4.2 Cautions



If the RMU-1000 ACC becomes hot, prolonged contact with the patient's skin could result in skin burns. If necessary, remove the patient's arms from the RSS-1010 Patient Wrist Straps.

## 5 Contacts



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