

# Medical Device/Equipment ALERT



**NORTHERN  
IRELAND  
ADVERSE  
INCIDENT  
CENTRE**

**For:**

<b>IMMEDIATE ACTION</b>	✓
ACTION	
UPDATE	
<b>INFORMATION REQUEST</b>	✓

**With:**

	Section						
<b>Medical Device/Equipment:</b> Hospital bed: Hill-Rom Evolution 150BO	▶ ①						
<b>Problem:</b> Failure of the bed to achieve the Cardio-Pulmonary Resuscitation (CPR) position.	▶ ②						
<b>Action by:</b> <ul style="list-style-type: none"> <li>• Nursing Staff in Hospital and Community Care Facilities.</li> <li>• Estates Managers and contractors providing maintenance and servicing for hospital beds.</li> <li>• Bed management contractors.</li> </ul>	▶ ③						
<b>Action:</b> Check that the CPR function works when the <b>beds' power supply is turned off.</b>	▶ ④						
<b>Distributed by NIAIC to:</b> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Chief Executive of each HSS Board</td> <td style="width: 50%;">NIAIC Liaison Officers</td> </tr> <tr> <td>Chief Executive of each HSS Trust</td> <td>Hospices</td> </tr> <tr> <td>Chief Executive of each Agency</td> <td></td> </tr> </table> <p><b>For onward distribution see Section 5</b></p>	Chief Executive of each HSS Board	NIAIC Liaison Officers	Chief Executive of each HSS Trust	Hospices	Chief Executive of each Agency		▶ ⑤
Chief Executive of each HSS Board	NIAIC Liaison Officers						
Chief Executive of each HSS Trust	Hospices						
Chief Executive of each Agency							
<b>Contacts</b> Details of supplier contacts, NIAIC contacts for technical aspects.	▶ ⑥						
<b>Feedback Requirements to NIAIC</b> Please inform us if you have this problem.	▶ ⑦						

## 1. DEVICE/EQUIPMENT:

Hospital bed: Hill-Rom Evolution 150BO

## 2. PROBLEM:

The CPR position is achieved by quickly flattening the bed mattress platform, in this case just the back rest, to provide a flat, stable surface on which CPR can be performed.

Although the total number of affected beds that Hill-Rom are aware of is a small percentage of production, one NHS Trust has reported that 11 out of their 17 Hill-Rom Evolution 150BO electric beds are unable to achieve the CPR position unless the head end electric motor is running. The manual CPR handle has failed to work. This is the only means of achieving an effective CPR position and should function whether or not power to the bed is present. If there is a power failure, then the CPR position cannot be quickly achieved, putting patients at risk.

Hill-Rom advises that 3445 Evolution 150BO beds have been sold to UK customers since June 2001. This model is fitted with an SKF head end actuator. "SKF" is clearly marked on the upper surface of the actuator and serves as a useful means of identification. Previous Evolution 150 beds used an alternative actuator and are **not affected**.

The scale of the problem with SKF actuators is not yet known and the corrective action is limited to replacing all actuator packs reported as faulty.

## 3. ACTION BY:

As outlined on page 1

## 4. ACTION:

- Establish whether any Hill-Rom Evolution 150BO Hospital beds with head end "SKF" actuators are in use.
- If beds with head end "SKF" actuators are found, check the CPR function **with the beds' power turned off**.
- If the CPR function does not work, inform Hill-Rom and NIAIC immediately, giving the affected beds' serial numbers.
- If it is practical to remove the bed from use, do so. If it is not, ensure those using it are made aware that the CPR position is not functioning, so that consideration can be given regarding patient allocation.

## 5. ONWARD DISTRIBUTION TO:

Please bring this notice to the attention of all who need to know or be aware of it. This will include distribution to:

- Risk Managers
- Health & Safety Officers/Advisors
- Clinical Governance Leads
- Device Managers
- Estates Managers
- Medical Directors
- Nurse Directors
- Medical, Nursing and Care Staff
- Supplies Staff (RSS)
- Independent Health Care and Social Care Providers including Private Clinics and Residential & Nursing Homes
- All Hospital Wards using beds
- Community Care Staff

## 6. CONTACTS:

Please contact Hill-Rom and NIAIC, giving the serial numbers of beds found to be affected.

Hill-Rom UK Distributor  
Darren Hunt  
Hill-Rom, Clinitron House  
Ashby Park  
Ashby de la Zouch  
LE65 1JG

Tel: 01530 562 093

Fax: 01530 411 555

**E-mail : Darren\_Hunt@hill-rom.com**

Enquires to NIAIC should quote reference number MDEA(NI)2003/02 and be addressed to:  
Northern Ireland Adverse Incident Centre (NIAIC)

Health Estates

Estate Policy Directorate

Stoney Road

Dundonald

Belfast BT16 1US

Marked for the attention of Mr Brian Godfrey

Tel: 028 9052 3704

Fax: 028 9052 3900

**Email: NIAIC@dhsspsni.gov.uk**

## 7. FEEDBACK:

Please remember to immediately inform Hill-Rom and Northern Ireland Adverse Incident Centre (NIAIC) **(preferably by email)** if your Hill-Rom Evolution 150BO beds are found to exhibit this problem.



Brian Godfrey  
NIAIC Manager

### HOW TO REPORT ADVERSE INCIDENTS

Adverse Incidents relating to medical devices, non-medical equipment, plant and buildings should be reported to NIAIC as soon as possible. Advice on how to report is given in Safety Notice SN (NI) 2003/01. If you are in doubt about how to report incidents, please speak to your liaison officer or contact NIAIC using the telephone number provided. Adverse Incident reporting forms and an on-line reporting facility are available on the NIAIC website at [www.dhsspsni.gov.uk/niaic](http://www.dhsspsni.gov.uk/niaic)

*Heath Estates is an Executive Agency of the Department of Health, Social Services and Public Safety*

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