

January 13, 2026

**Urgent FIELD SAFETY NOTICE**  
**Hamilton Medical ventilator HAMILTON-C2**  
**with neonatal option**  
**Reference #: FSCA-2026-01-01**  
**Field Safety Corrective Action**  
**Type: software update**

**For Attention of:** Healthcare facilities, physicians and end users which have purchased and/or are using Hamilton Medical ventilator HAMILTON-C2 with neonatal option.

**Information on Affected Devices:**

Device name	Product number	UDI-DI	Software version
HAMILTON-C2	160001	07630002800372	≤2.2.5 with neonatal option installed

The HAMILTON-C2 ventilator is intended to provide positive pressure ventilatory support to adults and pediatrics, and optionally infants and neonates.

Dear Sir or Madam,

This Field Safety Notice (FSN) provides updated information on Hamilton Medical ventilator HAMILTON-C2.

**A. Reason for Field Safety Corrective Action (FSCA)**

Hamilton Medical AG became aware of a malfunction with our HAMILTON-C2 ventilators when used long term with neonatal patients. If an affected HAMILTON-C2 ventilator is used cumulatively for 91 days with neonatal patient without a restart of the device, the device will switch to “Ambient State”, resulting in an immediate stop of ventilation. During the “Ambient State” the device is alarming audibly and visually until it is switched off by the user.

Hamilton Medical AG previously communicated this issue through FSCAs with reference CER 110972 (May 2023) and FSCA-2025-01-01 (January 2025). This updated FSN is provided with a new reference number and addresses only HAMILTON-C2 where the neonatal option is installed.

Since the initiation of the first field action in May 2023, Hamilton Medical AG did not receive any new complaint related to the issue for HAMILTON-C2 devices.

**Description of the product problem:**

Affected HAMILTON-C2 devices which are used for long-term ventilation in neonatal patient group will switch to the “Ambient State” if the ventilation time is exceeding 91 days.

During the “Ambient State” the ventilator will alarm audibly and visually and will be displaying the following on the screen:



Figure 1: Ambient state (example, another Technical Fault number might be displayed)

**Problem effect:**

No active ventilation is provided anymore to the patient. The device is constantly alarming audibly and visually.

**Patient risks:**

If the ventilator switches to “Ambient State” it will alarm and open the airways without active ventilation. If the patient can breathe spontaneously, the ventilator will allow that. The alarm given by the ventilator indicates, that the device is in “Ambient State”. Serious consequences or death may result for patients which do not breathe spontaneously whenever the ventilation by means of an alternative device or temporary hand bagging is delayed.

**Required user actions if problem occurs:**

In such a case, perform the following actions steps:

1. **Provide alternative ventilation immediately.**
2. You must switch off the ventilator to exit the “Ambient State”.
3. Once patient safety is ensured, it is required to have the ventilator serviced (preventive maintenance. After passing the service software the device can be returned to use).

For further information see chapter “Ambient State” in the respective Operator’s Manual.

## B. Type of Action to mitigate the risk

1. To avoid this malfunction please conduct software update of HAMILTON-C2 with neonatal option and upgrade devices to software version 2.2.6 as soon as possible.
2. Until the software is updated, to avoid this malfunction, the device needs to be restarted regularly. Important to note: Switching into “standby” is not sufficient.  
  
We recommend performing the restart of the device during the regular exchange of the breathing circuits (usually every 28 days).
3. If the device is not used with neonatal patients but has neonatal option installed, as an alternative, neonatal software option shall be removed to prevent possibility of occurrence.

**Required actions to be taken by the user:**

Identify affected devices and make them available for software update. We kindly ask you to review your HAMILTON-C2 devices. Software updates will be organized and conducted by the local distribution partner as per servicing protocol.

Continue to use HAMILTON-C2 ventilators according to their labelling. Mitigate the risk by following the actions described in point “B. Type of Action to mitigate the risk”.

Please fill in and sign Customer Reply Form (page 5) and send it to your Hamilton Medical AG distribution Partner. This must be conducted as quickly as possible, but no later than 30 calendar days after receiving the Field Safety Notice.

The Regulatory Authority of your country has been informed about this communication to customers. The local distribution partner, as approved by Hamilton Medical AG to conduct all activities around Hamilton Medical devices, is always the first point of contact in this matter.

**Manufacturer:** Hamilton Medical AG  
Via Crusch 8  
7402 Bonaduz  
Switzerland

**Contact:** Hamilton Medical AG  
Vigilance Team  
Parc Industrial Vial 10  
7013 Domat/Ems  
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Tel. +41 58 610 10 20  
  
E-Mail: [fieldactions.med.global@hamilton-medical.com](mailto:fieldactions.med.global@hamilton-medical.com)

**Please keep this field safety notice in your data records.**

Important notice:

The local distribution partner remains the first point of contact for the management of technical interventions. Please remember that Hamilton Medical devices must be subjected to annual preventive maintenance performed by personnel trained and certified by Hamilton Medical AG.

Adverse situations and/or reports of functional problems relating to units not subjected to the preventive maintenance, as indicated above, will not be managed by Hamilton Medical AG or the local distributor and may imply the report to the local competent authorities.

**The local distribution partner of Hamilton Medical AG will contact you as soon as possible. Please already prepare a list of the affected HAMILTON-C2 ventilators.**

We appreciate your support in this matter and sincerely regret any inconvenience you may experience because of the issue described above.

Sincerely,

Vigilance Team  
Hamilton Medical AG  
*(document without signature)*

## **Transmission of this Field Safety Notice**

This notice needs to be passed on to all those who need to be aware within your organization or to any organization where the potentially affected devices have been transferred.

Please maintain awareness on this notice and resulting action for an appropriate period to ensure effectiveness of the corrective action.

Please keep this field safety notice with your HAMILTON-C2 Operator's Manual.

Please report all device-related incidents to the manufacturer, distributor or local representative, and the national Competent Authority if appropriate, as this provides important feedback.

## Customer Reply Form

Please fill in points 2. and 3., sign and return this Customer Reply Form by email to your Hamilton Medical AG distribution partner no later than 30 calendar days after receiving the Field Safety Notice.

1. Field Safety Notice (FSN) information	
FSN Reference number	FSCA-2026-01-01
FSN Date	January 13, 2026
Device name	HAMILTON-C2
Software version	≤2.2.5 with neonatal option installed

*Please fill in*

2. Customer Details	
Healthcare Organization Name	
Organization Address	
Contact Name	
Title or Function	
Telephone number	
Email	

*Please fill in and sign*

3. Customer action undertaken on behalf of Healthcare Organization (tick all that apply)	
<input type="checkbox"/>	I confirm receipt of the Field Safety Notice and that I read and understood its content.
<input type="checkbox"/>	I performed all actions requested by the FSN.
<input type="checkbox"/>	The information and required actions have been brought to the attention of all relevant users and executed.
<input type="checkbox"/>	I have identified all affected devices in our Organization. <span style="float: right;">Quantity:</span>
<input type="checkbox"/>	I do not have any affected devices. <span style="float: right;">Rationale:</span>
Print Name	
Signature	
Date	

It is important that your organisation takes the actions detailed in the FSN and confirms that you have received the FSN.

Your organisation's reply is the evidence we need to monitor the progress of the corrective actions.