

CPR Assist

CPR-1100

General

The CPR assist is used for assisting trained medical staff to perform CPR. To help perform chest compressions in accordance with guidelines, the CPR assist outputs a certain tempo tone and displays a tempo indicator, and outputs voice instructions based on measured compression depth and compression frequency.

The compression waveform is recorded on the CPR assist and this compression waveform can be output by communication to an external PC or other device so that the quality of chest compressions can be checked from the compression depth waveform even after performing chest compressions.

Safety Information

⚠ WARNING A warning alerts the user to possible injury or death associated with the use or misuse of the instrument.

⚠ CAUTION A caution alerts the user to possible injury or problems with the instrument associated with its use or misuse such as instrument malfunction, instrument failure, damage to the instrument, or damage to other property.

Pay attention to all safety information in the Operator's Manual or Installation Guide.

⚠ WARNING

Never use the CPR assist in the presence of any flammable anesthetic gas or high concentration oxygen atmosphere. Failure to follow this warning may cause explosion or fire.

⚠ WARNING

Never use the CPR assist in a hyperbaric oxygen chamber. Failure to follow this warning may cause explosion or fire.

⚠ WARNING

Do not take the CPR assist into an MRI test room. CPR assist is not designed to be used during MRI tests.

⚠ WARNING

There is a risk of breaking the patient's rib during chest compressions. If this happens, follow the instructions of the physician.

⚠ WARNING

Do not use the CPR assist on top of a defibrillation pad or cable.

⚠ WARNING

Do not use the CPR assist on a person who does not need chest compression. For training, use a training manikin or other tools.

⚠ WARNING

Do not use the CPR assist on a child. It may result in damaging the chest.

⚠ WARNING

Remove the batteries from the CPR assist when it is not used for a long time. Otherwise the battery may leak.

⚠ CAUTION

If the CPR assist is used in a moving ambulance or other vehicle, chest compression depth may not be detected correctly due to vibration.

⚠ CAUTION

Never disassemble or repair the CPR assist. If there is any problem with the CPR assist, contact your Nihon Kohden representative.

⚠ CAUTION

Only use a Nihon Kohden specified chest sheet. Also, do not use the chest sheet upside down. It may cause the CPR assist to slip and cause inappropriate chest compressions.

⚠ CAUTION

The chest sheet is non-sterilized and disposable. Use only for a single patient and single use. Otherwise, it may cause cross infection.

⚠ CAUTION

Do not load more than 75 kgf on the CPR assist. It may cause malfunction or device failure.

⚠ CAUTION

Do not turn on the CPR assist while applying pressure to it. This may cause temporary malfunction of the depth sensor so the depth of chest compressions may not be measured correctly.

⚠ CAUTION

Do not perform chest compressions on a patient who has an open wound or recent surgical wound on the chest. It may cause the patient to bleed, cause the CPR assist or your hands to slip, and cause inappropriate chest compressions.

⚠ CAUTION

If the CPR assist is faulty, stop using the CPR assist and continue chest compressions without the CPR assist.

⚠ CAUTION

Do not use the CPR assist together with other compression tools or devices. Use with other tools and devices may prevent the chest compression depth and tempo from being detected correctly.

⚠ CAUTION

Do not use mobile phones or small wireless devices within 1 m of the CPR assist. Radio waves from devices such as mobile phones or small wireless devices may affect the CPR assist operation.

⚠ CAUTION

Close the battery cover when using the CPR assist. If the cover is open, it may cause electrical shock to the operator or patient, or cause malfunction or device failure.

⚠ CAUTION

If fluids are accidentally spilled into the CPR assist, take the CPR assist out of service and contact your Nihon Kohden representative.

⚠ CAUTION

Refer to the battery manuals for details on handling the batteries.

⚠ CAUTION

Do not stop chest compressions to replace the battery if there is a "Replace the battery." voice instruction.

⚠ CAUTION

Dispose of Nihon Kohden products according to your local laws and your facility's guidelines for waste disposal. Otherwise, it may affect the environment. If there is a possibility that the product may have been contaminated with infection, dispose of it as medical waste according to your local laws and your facility's guidelines for medical waste. Otherwise, it may cause infection.

This Safety and Performance Information is an extract from the general and safety information sections of the most recent edition of Operator's Manual or Installation Guide. Therefore, the contents of your Operator's Manual or Installation Guide may differ from those of this Safety and Performance Information. For detailed operating procedures, follow the instructions of your Operator's Manual or Installation Guide.

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