

Nasal Adapter

YG-120T/YG-121T/YG-122T

General

The YG-120T, YG-121T or YG-122T nasal adapter is used with a TG-121T CO₂ sensor or TG-920P, TG-921T3 or TG-921T4 CO₂ sensor kit to measure the partial pressure of the expired CO₂ of the patient. YG-120T is for nasal breathing, YG-121T is for naso-oral breathing and YG-122T is for patients wearing an oxygen cannula.

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

When using the YG-120T, YG-121T or YG-122T nasal adapter on a patient with low ventilatory volume, check the ventilation taking into consideration the 1.2 mL dead space of the nasal adapter. If that dead space is too much for this patient, appropriate ventilation might be impossible. The CO₂ may mix in the inspiration due to the nasal adapter's dead space, resulting in inaccurate measured value or difficulty in detecting apnea.

WARNING

The only oxygen cannula that can be used with YG-122T is #1103 manufactured by Hudson RCI. Do not use any other oxygen cannula. Other oxygen cannulas cannot be attached and oxygen cannot be delivered to the patient through the nostrils.

WARNING

- When you use YG-122T together with an oxygen cannula, check that the oxygen cannula is correctly attached on the patient by referring to other parameters and by observing the patient periodically.
- If arterial oxygen partial pressure does not increase, immediately stop using the oxygen cannula with the CO₂ sensor kit and select another way to supply oxygen.

WARNING

Check that the oxygen cannula tube is not bent, broken, or blocked by the nasal tube. If the ends of the oxygen cannula tube turn too far up or down, it causes insufficient O₂ supply or the CO₂ value may be incorrect.

CAUTION

Only use the specified nasal adapter. Otherwise, the maximum performance cannot be guaranteed due to larger dead space volume.

CAUTION

The nasal adapter is non-sterilized and disposable. Use only for a single patient and single use. Failure to follow this instruction causes cross infection.

CAUTION

Use the nasal adapter with patients over 10 kg.

CAUTION

Do not use the nasal adapter for a neonate because the dead space volume of the nasal adapter is about 1.2 mL.

CAUTION

Do not use an nasal adapter which is past the expiration date.

CAUTION

Failure to follow the instructions below degrades the anti-fogging ability of the transparent film and results in incorrect measurement.

- Replace the nasal adapter with a new one every 24 hours.
- Replace the nasal adapter with a new one if blood, sputum or mucus adhere to the transparent film.
- Do not damage the transparent film. Do not let dust or detergent contact the transparent film. Do not touch, wipe or clean the transparent film with fingers or cleaners.

CAUTION

Do not let the patient bite or swallow the CO₂ sensor, airway adapter or nasal adapter.

CAUTION

When using the YG-121T or YG-122T nasal adapter on a patient, observe the patient condition all the time. The mouth guide touches the mouth and may cause pressure sores.

CAUTION

When measuring CO₂ partial pressure of a patient with an oxygen mask, set the oxygen supply to 5 L/min or more. If CO₂ gas remains in the oxygen mask and mixes with the inspired air, the measured value may be lower than the actual value.

CAUTION

When using the nasal adapter for a patient with a gastric tube, fix the nasal adapter firmly to prevent pressing the intubation tube or disconnecting the nasal tube.

CAUTION

When using the CO₂ sensor kit with the oxygen cannula, set the oxygen supply to 5 L/min or lower. Otherwise, CO₂ cannot be correctly measured because the oxygen flow affects the expired gas flow.

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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