

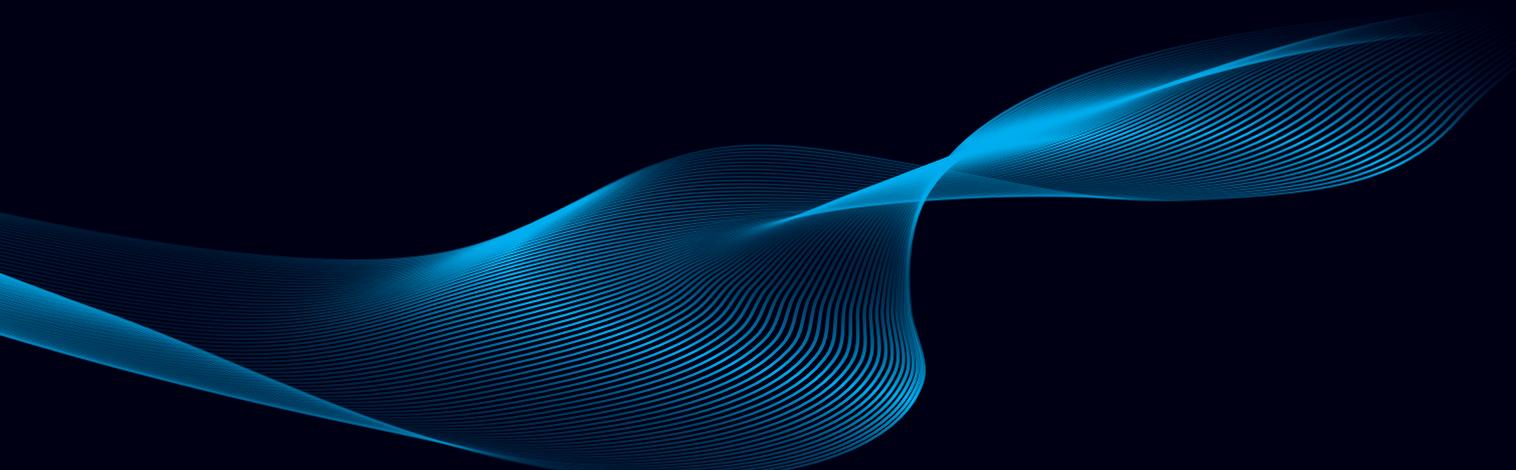


AnaConDa

Anaesthetic Conserving Device



Every patient is entitled
to the best medical solution



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AnaConDa – Anaesthetic Conserving Device



Until recently, complex technical equipment was a crucial factor in restricting the use of volatile anaesthetic agents with invasively ventilated patients. Anaesthesia machines were the only option available. This is no longer the case. With its unique, revolutionary design the AnaConDa, an anaesthetic delivery system, allows the administration of volatile anaesthetic agents, Isoflurane and Sevoflurane, without the need for an anaesthesia machine.

AnaConDa is a small device which is inserted in the breathing circuit between the ET-Tube and the Y-piece. The simple design of the AnaConDa incorporates a unique miniature vaporizer and an anaesthetic reflecting filter which makes it possible to deliver anaesthetic agents in a simple, safe and efficient way.

The AnaConDa is intended for single use and needs to be replaced every 24 hours or when needed. It is available in two sizes, AnaConDa-S (50ml dead space) or the AnaConDa (100ml dead space). The minimum tidal volume working range of the AnaConDa-S is 200ml and 350ml for the AnaConDa.

Safe

Due to their pharmacological properties, it is well known that volatile anaesthetic agents are an attractive alternative to intravenous drugs. For decades they have proven their efficiency and safety in general anaesthesia. Many studies over the last ten years have demonstrated the organ protective properties of volatile agents, not least due to the fact that practically no active metabolism occurs in the organs. One such study has also shown a significantly reduced mortality rate in patients, following the administration of volatile anaesthetic agents with AnaConDa, compared to IV drugs.

Effective

As opposed to intravenous drugs, which can lead to tolerance build up, there is no tolerance with volatile anaesthetic agents, eliminating the need for drug holidays and also offering cost effectiveness. Studies have also shown a high level of effectiveness in broncho obstructive lung disease patients due to the broncho dilatory effects of the volatile agents. Volatile agents administered with AnaConDa are also effective regardless of height and weight of the patient.



Gas Monitors – Offering more control



Dräger Vamos



Philips G7m



Masimo Root®

Controllable

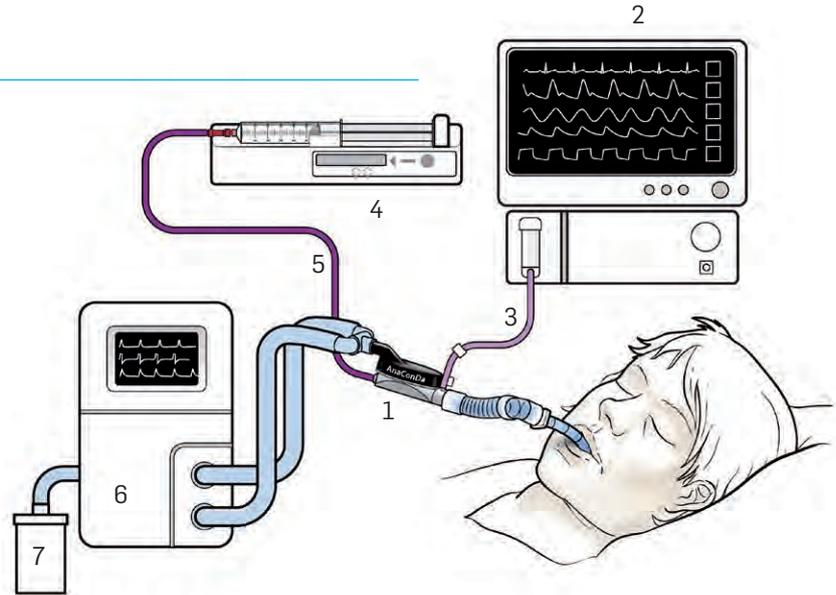
Of all drugs used in mechanically ventilated patients, only volatile anaesthetics allow the measurement of drug levels through the use of the AnaConDa and anaesthetic gas monitoring, significantly reducing the possibility of either under or over dosing. This coupled with the quick wake up times associated with volatile agents, gives physicians much greater control over planned wake up times, weaning, neurological evaluations and titration to name but a few.

Trusted

The AnaConDa technology has been established for over 13 years, with over 500,000 usage days across 20 countries. The key to its success lies in the simplicity of the device and its compatibility with existing hospital technology, guaranteeing maximum safety in the daily work environment.

Clinical Set Up

1. AnaConDa
2. Gas Monitor or Module
3. Gas Sampling Line
4. Syringe Pump
5. Agent Supply Line
6. Ventilator
7. Passive or Active Scavenging



Description of Operation

The AnaConDa contains various filter technologies and a miniature vaporiser to allow continuous delivery and vaporisation of volatile anaesthetic agent. During continued breathing the anaesthetic agent is recirculated through the device. More than 90% of the expired anaesthetic is retained by the carbon filter during expiration. Together with the retained anaesthetic only an additional 10% is needed on each inspiration in order to achieve the required dosage. In addition the AnaConDa acts as an excellent heat and moisture exchanger and also contains a viral / bacterial filter.



Key areas of the AnaConDa



AnaConDa-technology All of the advantages at a glance

The ability to reduce gas consumption in an open system, to the level that is equivalent to a semi-open system (1.0L to 1.5L fresh gas flow) is one of the main features of the AnaConDa.

This makes the administration of volatile anaesthetics simple, safe and economical, thus easier to implement.

- One product with multiple functions (bacterial/viral filter, evaporator, reflector, HME)
- Small and lightweight
- Uses existing equipment
- Low training costs
- Simple set-up
- Flexible use
- Passive device
- No maintenance or calibration required
- Simple cost control
- Technology proven over 13 years

AnaConDa utilizes existing proven technologies, such as ventilators, syringe pumps and anaesthetic gas monitors.

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Providing greater control
and better patient outcomes

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