



Intersurgical HyperVent Bag™

Designed to facilitate the treatment of hyperventilation



Oxygen and Aerosol Therapy ▪ Oxygen Therapy

HyperVent™ bag

The HyperVent bag is designed to facilitate the treatment of hyperventilation and replace the paper bag currently used. Comprising a housing with integral mouthpiece ensuring it is easy for the patient to hold, connected to a strong plastic bag. Unlike paper bags, the HyperVent bag overcomes the danger of hypoxia, inhalation of foreign bodies and potential source of infection. It also does not disintegrate with use and is medically clean.

Hyperventilation

The definition of hyperventilation is "A state in which there is an increased amount of air entering the pulmonary alveoli (increased alveolar ventilation) resulting in a reduction of carbon dioxide tension which may eventually lead to alkalosis."

Symptoms²

Unnaturally fast, deep breathing

There may also be:

- Attention seeking behaviour
- Dizziness, faintness
- Trembling, or tingling in the hands
- Cramps in the hands and feet

Treatment²

The aim is to remove the patient from any cause of distress and calm them down.

When speaking to the patient be firm, but kind.

If possible lead the patient to a quiet place, where they may better be able to regain control of their breathing.

If cramps persist, let the patient re-breathe their own exhaled air from a bag.

Current practice is to use a paper bag

However paper bags are:

- Often not available when you want one
- Not easy to hold
- Not easy to use
- Likely to absorb moisture and break, causing additional anxiety
- A possible cause of hypoxia
- Potential source of inhalable foreign bodies
- Potential source of infection

Make an enquiry

Medically clean

Eliminates risk of infection and the risk of inhaling foreign bodies

Filter Membrane

Prevents contamination of the bag

Housing with integral mouthpiece

Easy to hold and use

Plastic construction

Will not disintegrate in use

A medical product

Can be held in stock, available for use

Air entrainment port

Reduces risk of hypoxia



Code	Description	Box Qty.
1130000	HyperVent bag	5

References:

1. Oxford Handbook of Accident and Emergency Medicine. Oxford University Press, 1999. 0632027665
 2. First Aid Manual - Authorised Manual of the Voluntary Aid Societies. St Johns Ambulance, St Andrews Ambulance Association, British Red Cross.
 3. The American Red Cross First Aid and Safety Handbook
- Using a mechanical model and a human volunteer to assess the performance of the HyperVent. D W Wheeler MA MRCP FRCA, I A Bridgeland DRCOG FRCA

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