

# Digital Oxygen Measurement. Oxydig from Draeger.



## No More Errors.

Draeger's Oxydig is now certainly the best oxygen meter for hospitals.

Oxydig is economical in use. Its microcomputer-controlled signal processing and digital display mean low power consumption, and battery and sensor replacement are simple.

Oxydig satisfies International Standards Organisation (ISO) requirements.

Oxydig can be easily adapted to all known systems for anaesthesia, ventilation and incubators.

Oxydig is streamlined in appearance with an easily-read liquid crystal display.

Oxydig automatically gives an audible and visible alarm if pre-set limit values are exceeded. It is self-checking, and when not functioning properly "INOP" is displayed. It indicates when re-calibration is required or batteries need replacing.

Oxydig's sensor technology is what really sets it apart from other oxygen meters, though: The sensor provides two independent measuring signals for absolute reliability. Should these deviate from each other beyond a set limit, the display is cut off automatically. Oxydig will not give inaccurate data.

### **Dräger**

Drägerwerk AG  
P.O. Box 1339, D-2400 Lübeck 1  
Telephone (451) 882-0, Telex 2 68 07-0

in Great Britain:

### **Draeger Medical Ltd.**

Herfordshire House  
Wood Lane, Hemel Hempstead, Herts. HP2 4SU  
Telephone (0442) 3542, Telex 82 60 93

# Aptamil is now available for welfare token exchange

Aptamil and Milumil are both available in 500g Clinic Packs, but until now only Milumil has been exchangeable for welfare food tokens.

**Now the DHSS has approved Aptamil for token exchange too.**

This means that from April 4th, 1983, both Aptamil and Milumil will be available free for infants under 12 months in exchange for welfare food tokens, as well as for cash purchase.

Everyone agrees that breastfeeding gives a baby the best start in life, but when breastfeeding is not chosen or isn't possible Aptamil or Milumil can be used with confidence.

**500g Clinic Packs—good economy and hygiene.**

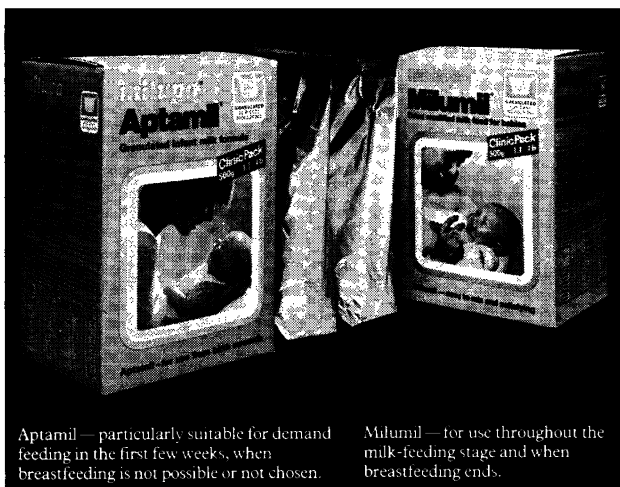
The Aptamil and Milumil 500g Clinic Packs offer mothers good economy and the contents are sealed into two foil-lined sachets for more hygienic storage and handling.

## **Milupa's Assurance of Quality.**

Aptamil and Milumil are manufactured to the highest quality standards and Milupa help to protect babies' immature digestive systems by screening all raw materials for herbicides, pesticides and heavy metal contaminants.

## **Granules make measuring and mixing easy.**

Aptamil and Milumil are uniquely granulated formulae which are easy and accurate to measure and mix. To get a level scoop just dip the scoop into the packet and shake off the excess granules—there's no need for a knife to level off, which means no compression of the milk in the scoop.



Aptamil — particularly suitable for demand feeding in the first few weeks, when breastfeeding is not possible or not chosen.

Milumil — for use throughout the milk-feeding stage and when breastfeeding ends.

So it's easy for mother and safe for baby.

If you would like details of price and availability of Aptamil and Milumil 500g Clinic Packs please contact Kim Roser on Uxbridge (0895) 59851.

# **milupa®**

**The new generation of Baby Foods**

Milupa Limited, Milupa House, Hercies Road, Hillingdon, UXBRIDGE, Middlesex UB10 9NA  
Telephone: Uxbridge (0895) 59851

# Is your approach to wheezing patients merely sympathetic?

BRONCHIAL MUSCLE CELL

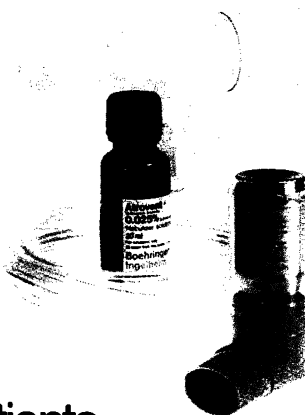
BETA<sub>2</sub>  
ADRENERGICS  
XANTHINES

When the sympathetic approach is not enough — and your wheezy patients still wheeze — it's time to add in Atrovent. Adding to the substantial volume of clinical evidence already available, a recent study in acute severe asthma demonstrated that significant additional bronchodilatation was achieved when Atrovent was administered after salbutamol — an improvement that was not attained with an additional dose of salbutamol.

Furthermore — "The addition of [i.v.] aminophylline did not improve the response".<sup>1</sup>

So when wheezy patients still wheeze ...

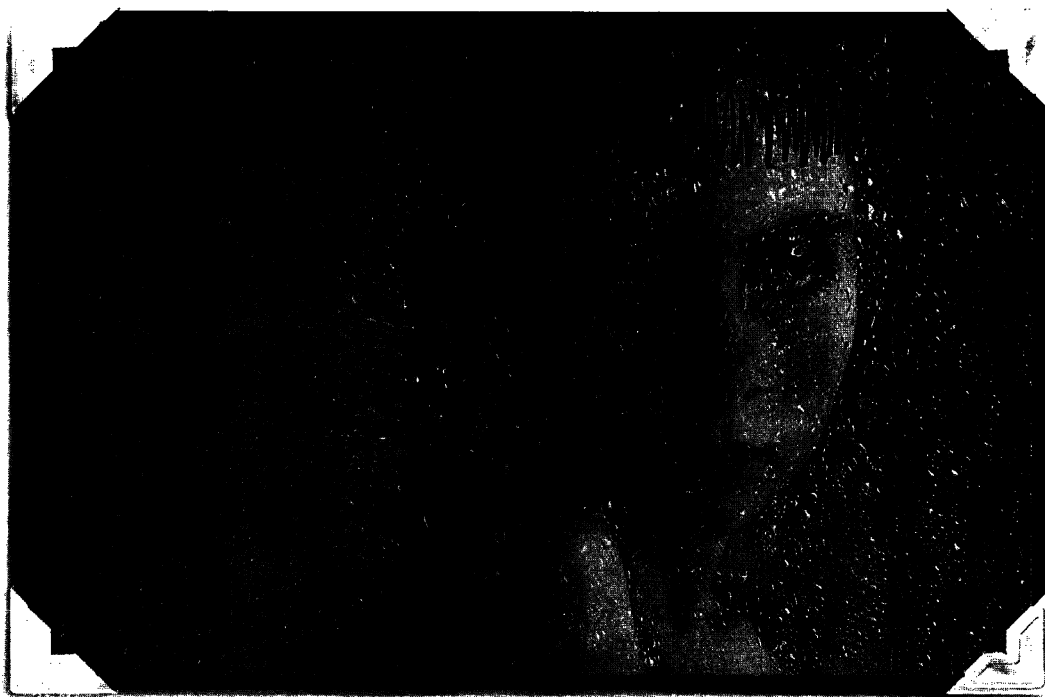
add in  
**Atrovent<sup>®</sup>**  
ipratropium bromide  
and add more life  
to your wheezy patients



**PRESCRIBING INFORMATION** Presentation Atrovent metered dose inhaler containing 200 doses, each delivering ipratropium bromide 0.02mg. Atrovent nebuliser solution — an aqueous solution of ipratropium bromide 0.025% (0.25mg/ml) for administration by inhalation. **Action** Anticholinergic bronchodilator. **Indications** Metered dose inhaler: chronic reversible airways obstruction, particularly in chronic bronchitis. Nebuliser solution: reversible airways obstruction. **Contra-indications, Precautions and Warnings** Contra-indication: hypersensitivity to atropine. Caution in glaucoma, prostatic hypertrophy and pregnancy, especially the first trimester. Do not spray into the eyes. Patients should be advised to seek medical advice if a reduced response becomes apparent. Anticholinergic side-effects are unlikely at therapeutic doses. **Dosage** Metered dose inhaler Adults usually 1 or 2 puffs, 3 or 4 times daily, although some patients need up to 4 puffs at a time to obtain maximum benefit during early treatment. Children 6-12 years: usually 1 or 2 puffs 3 times daily. Under 6 years: usually 1 puff 3 times daily. Nebuliser solution: May be administered from an intermittent positive pressure ventilator or from suitable nebulisers. Adults: 0.1-0.5mg (0.4-2.0ml) up to 4 times daily. Single doses of 2.0mg have been safely given. Children 3-14 years: 0.1-0.5mg (0.4-2.0ml) up to 3 times daily. Single doses of 1.0mg have been safely given. These volumes may be diluted with sterile sodium chloride 0.9% solution. **Pack sizes and basic NHS price (UK only)** Metered dose inhaler: 100ml vial complete with mouthpiece £4.00. Nebuliser solution: 20ml bottle with integral dropper £1.56. Prices correct at time of printing. Atrovent metered dose inhaler PL 0015/0043. Atrovent nebuliser solution PL 0015/0078. Boehringer Ingelheim Ltd., Bracknell, Berkshire RG12 4YS. For full prescribing information please see data sheet. 1. Ward MJ, Macfarlane JT, Davies D. Treatment of acute severe asthma with intravenous aminophylline and nebulised ipratropium bromide after salbutamol. Thorax 1982; 37: 785



**Boehringer  
Ingelheim**



**Tegretol<sup>®</sup>**  
carbamazepine BP

**making epilepsy  
easier to live with**

**Tegretol<sup>®</sup>**

**Indications:** Epilepsy (grand mal and temporal lobe), trigeminal neuralgia. **Dosage in epilepsy:** Use a gradually increasing dosage scheme, adjusting to patient's needs. Adults: 100-200mg once or twice daily, increasing slowly up to 800-1,200mg daily, in some cases 1,600mg daily may be necessary. Children: up to 1 year old, 100-200mg daily; aged 1-5 years, 200-400mg daily; aged 5-10 years, 400-600mg daily; aged 10-15 years, 600-1,000mg daily. It may be helpful to monitor plasma drug levels: optimum therapeutic range is 3-10 µg/ml (13-42 µmol/l). **Dosage in trigeminal neuralgia:** Begin with small doses, using 100mg tablets or syrup, and increase gradually until satisfactory therapeutic response is obtained; 200mg 3-4 times daily is generally sufficient to maintain pain-free state. **Side-effects:** Dizziness and diplopia (usually dose-dependent), less frequently drowsiness, dry mouth, diarrhoea, nausea and vomiting. Generalised erythematous rash, disappearing on cessation of therapy. Isolated reports of oedema, hyponatraemia, exfoliative dermatitis, leucopenia, thrombocytopenia, agranulocytosis, aplastic anaemia, cholestatic jaundice and acute renal failure. Blood count should be checked in early stages of treatment. **Precautions:** Caution in patients taking oral anticoagulants or requiring oral contraception. In pregnancy, potential benefits of Tegretol must be weighed against potential hazards. Do not administer with, or within two weeks of cessation of, MAOI therapy. In rats treated with carbamazepine for two years, incidence of liver tumours increased (no evidence of significant bearing on the therapeutic use of the drug). Serum folic acid levels should be observed during anticonvulsant therapy. **Contra-indications:** Previous drug sensitivity to Tegretol. Do not administer to patients with atrioventricular conduction abnormalities unless paced. **Packs:** Tablets of 100mg (PL0001/5027) basic NHS price £2.99 per 100, £14.40 per 500, tablets of 200mg (PL0001/5028) £5.56 per 100, £26.78 per 500; tablets of 400mg (PL0001/0088) £10.92 per 100, syrup 100mg/5ml (PL0001/0050) £5.34 per 300ml bottle. Full prescribing information is available on request from Geigy Pharmaceuticals, Horsham, West Sussex.

**Geigy**

# UNILET<sup>®</sup>

A sterile blood lancet for  
manual or AUTOLET use

- Purpose designed needle for good blood flow
- Purpose designed shape and size for ease of manual use
- Easy, safe ejection from AUTOLET

The precision ground triangulated cutting point is designed to produce an open puncture and hence good blood flow whilst keeping trauma and discomfort in the baby to absolute minimum whether UNILET is used manually or more ideally with AUTOLET. UNILET is manufactured in Great Britain and sterilised by gamma irradiation.



Owen Mumford Limited  
Medical Division, 100, Watlington Road,  
Oxford OX4 2DQ, England

## Special Training Fellowship in Perinatal Pathology

Applications are invited from clinicians, post registration to Senior Registrar level, who wish to undertake research training within the UK in the field of Perinatal Pathology.

Candidates who have not been ordinarily resident in the UK throughout the three years immediately preceding the date of application may not be eligible and should consult the MRC.

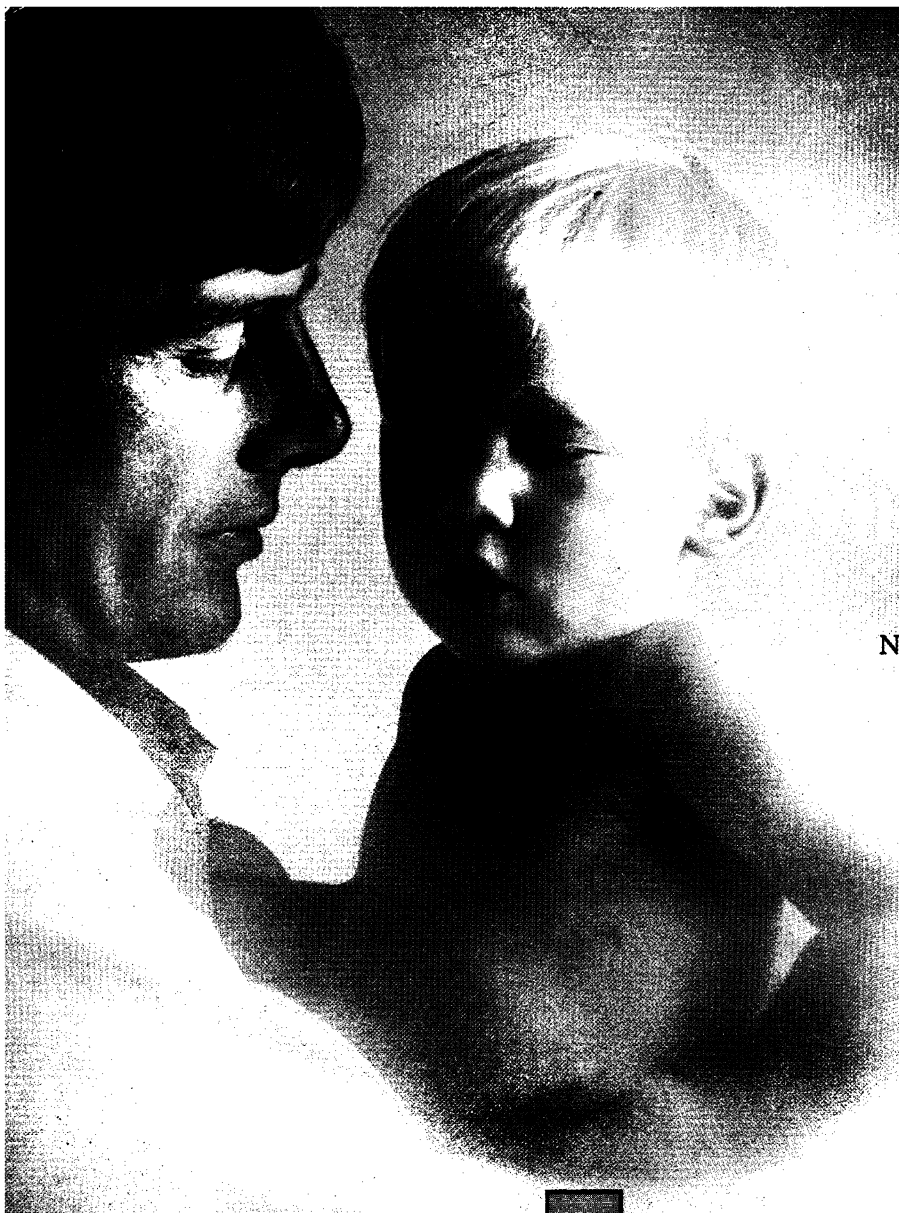
The Fellowship is available for a period of six months to three years.

# MRC

Medical Research Council

*Further details and application forms are available from the Training Awards Group, Medical Research Council, 20 Park Crescent, London, W1N 4AL (Tel. 01-636 5422 Ext. 448)*

**Closing date for receipt of applications:  
15th August, 1983**



When  
efficacy  
the need  
safety  
the concern

No need now to sacrifice  
efficacy for safety, because  
Eumovate fulfils the need  
for a corticosteroid  
preparation with greater  
topical activity than  
hydrocortisone, yet  
with a wide margin  
of safety.



# Eumovate

(clobetasone butyrate)

#### Prescribing information

##### Uses

Eumovate is suitable for treating the milder forms of eczema, seborrhoeic dermatitis and other steroid responsive skin conditions.

##### Dosage and administration

Apply up to four times a day until improvement occurs, when the frequency of application may be reduced.

##### Contra-indications

Bacterial, fungal or viral diseases of the skin.

Hypersensitivity to the preparation.

##### Precautions

In infants and children, long-term continuous topical corticosteroid therapy should be avoided where possible, as adrenal suppression can occur. In infants, the napkin may act as an occlusive dressing, and increase absorption.

Appropriate antimicrobial therapy should be used concurrently whenever treating inflammatory lesions which have become infected.

Any spread of infection requires withdrawal of topical corticosteroid therapy and, possibly, commencement of systemic chemotherapy.

For most corticosteroids, prolonged application to the face is contraindicated.

In general, topical steroids should not be used extensively in pregnancy, i.e., in large amounts or for prolonged periods.

##### Side effects

In the unlikely event of signs of hypersensitivity appearing, application should stop immediately. If large areas were to be treated, some patients could absorb sufficient steroid to cause transient adrenal depression despite the low degree of systemic activity associated with clobetasone butyrate. Local atrophic changes could occur where moisture increases absorption of steroid, but only after prolonged use.

**Basic NHS cost (exclusive of VAT)**

25 gram tube E1-63 (also available in 100 gram tubes)

##### Product licence numbers

Cream: 4/0233

Ointment: 4/0254

**Glaxo**

**leaders in topical steroid therapy**

Further information on Eumovate (trade mark)

is available from:

Glaxo Laboratories Limited  
Greenford, Middlesex UB6 0HE