

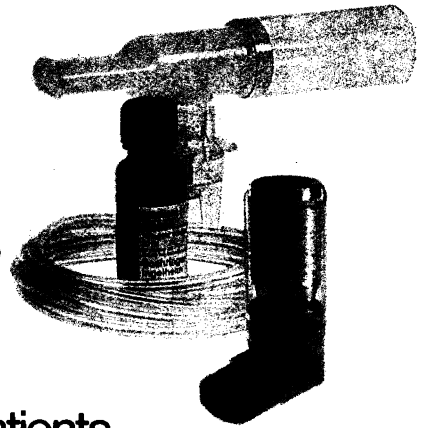
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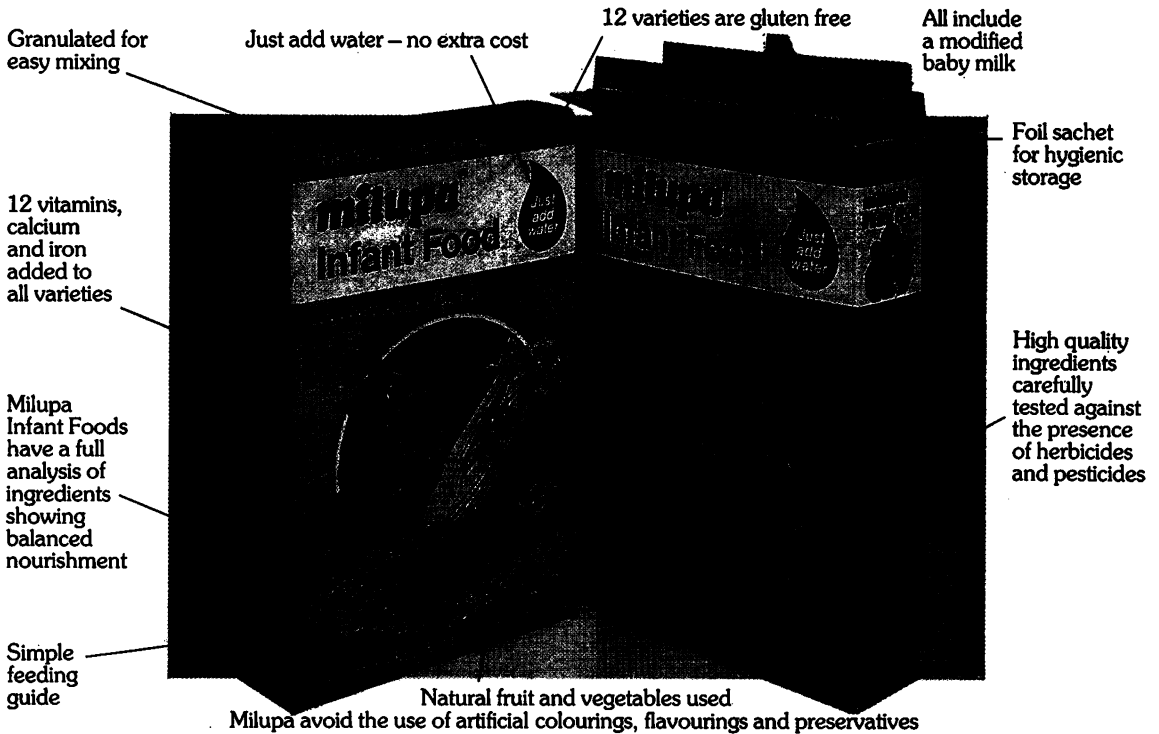
PRESCRIBING INFORMATION Presentation Atrovent metered dose inhaler containing 200 doses, each delivering ipratropium bromide 0.02mg. Atrovent nebuliser solution — an aqueous solution of ipratropium bromide 0.025% (0.25mg/ml) for administration by inhalation. Action Anticholinergic bronchodilator Indications 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: 10ml 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 8015/0078. 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



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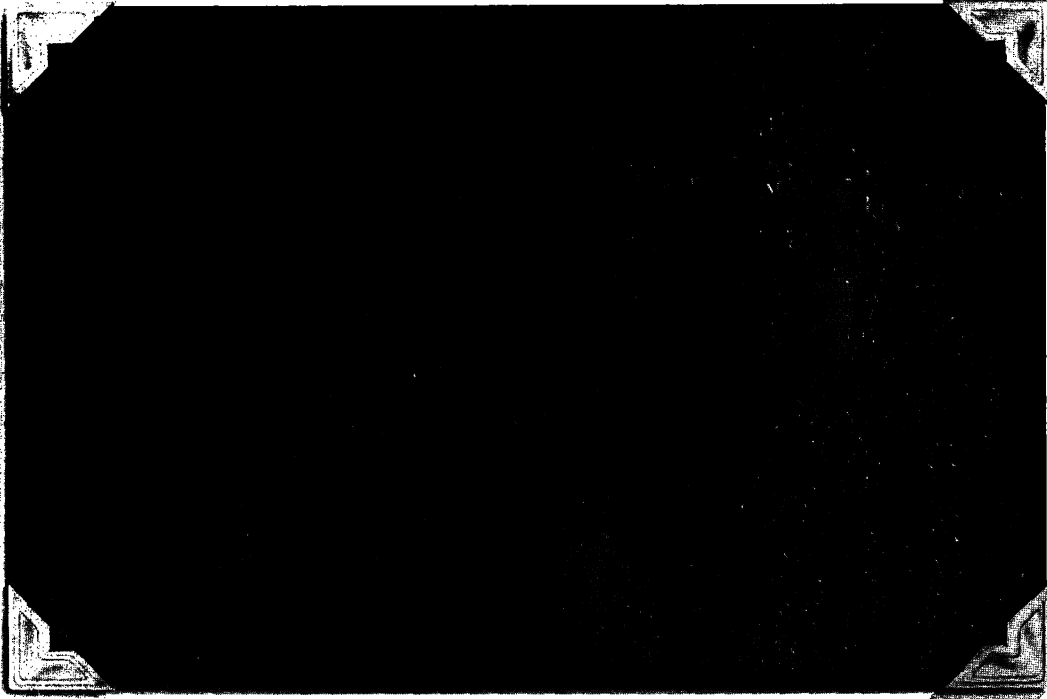
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References:

1. Schemthaler G, et al. Immunogenicity of Human Insulin (Novo) or Pork Monocomponent Insulin in HLA-DR Typed Insulin-dependent Diabetic Individuals. In: International Symposium on Human Insulin, Eds Karam J H, Elzvirler D D, Diabetes Care; 6 (Suppl 1): 43-48.

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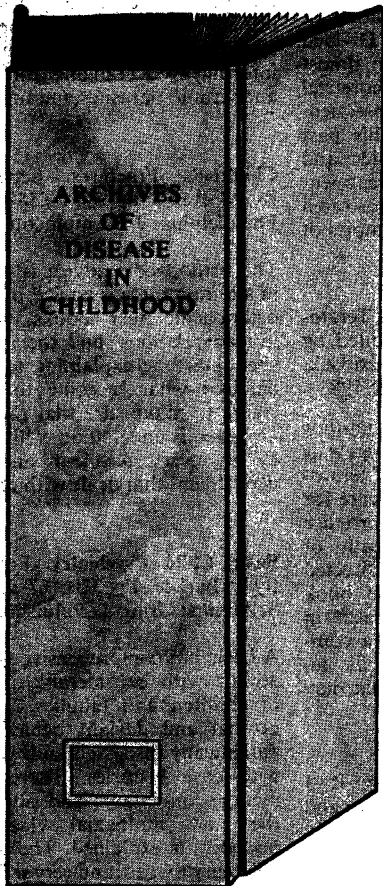
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- Patterns of Medication Use among Children in Households Enrolled in the Aid to Families with Dependent Children Program**
T. R. SHARPE AND M. C. SMITH (University, Mississippi) Household interviews provided data on prescription and non-prescription medication use among children of welfare recipients. Roles of physicians and other health professionals are described.
- Hemodynamic Adaptation to Reduced Renal Mass in Early Postnatal Development**
R. L. CHEVALIER (Charlottesville, Virginia) In response to unilateral nephrectomy at birth, there is an early increase in arterial blood pressure and renal blood flow. This is accompanied by a compensatory decrease in renal vascular resistance without redistribution of renal blood flow.
- A Computer Analysis of Infant Movements Synchronized with Adult Speech**
T. KATO, E. TAKAHASHI, K. SAWADA, N. KOBAYASHI, T. WATANABE, AND T. ISHII (Tokyo, Japan) This analytical method using a computer suggests not only the ability of a neonate to move his body synchronously with his mother's speech, but also that a mother talks to her infant by reacting to his movements.
- Lactose Assimilation by Full-Term Infants: Relation of [¹³C] and H₂ Breath Tests with Fecal [¹³C] Excretion**
W. C. MACLEAN, JR., B. B. FINK, D. A. SCHOELLER, W. WONG, AND P. D. KLEIN (Baltimore, Maryland, Chicago, Illinois and Houston, Texas) Lactose absorption by full-term infants was studied using [¹³C]lactose as a tracer. The data suggest that there is less reliance on colonic salvage of carbohydrate than was suspected in premature infants.
- Fetal and Neonatal Responses to Extended Maternal Canine Starvation. I. Circulating Fuels and Glucose and Lactate Turnover**
E.-L. MIETTINEN, R. M. KLIEGMAN, AND K.-Y. TSERNG (Cleveland, Ohio) Maternal starvation for 5 days caused the following responses in pups sometime after birth: birthweight was reduced 23% and there were significant decreases in blood glucose, fatty acid, and glycerol concentrations 3 h after birth. These parameters were also studied at 6, 9, and 24 h after birth.
- Fetal and Neonatal Responses to Extended Maternal Canine Starvation. II. Fetal and Neonatal Liver Metabolism**
E.-L. MIETTINEN AND R. M. KLIEGMAN (Cleveland, Ohio) Maternal starvation for 5 days caused the following responses in pups sometime after birth: significant reductions in malate, aspartate, and ammonia concentrations; and lower concentrations of glucose-6-phosphate, fructose-6-phosphate, citrate, and ketoglutarate.
- Early Weanling and Precocious Development of Small Intestine in Rats: Genetic, Dietary or Hormonal Control**
P. C. LEE AND E. LEBENTHAL (Buffalo, New York) Genetic factors appear to determine basic ontogeny of intestine. Dietary and/or hormonal influences act as modifiers during development.
- The Effect of Atrial Pacing-Induced Tachycardia on Left Ventricular Contractile Function in Conscious Newborn and Adult Sheep**
D. J. FISHER AND D. M. GROSS (Houston, Texas) The results of the data demonstrate that increased heart rate is associated with increased contractile function of the left ventricle in conscious neonatal and adult sheep.

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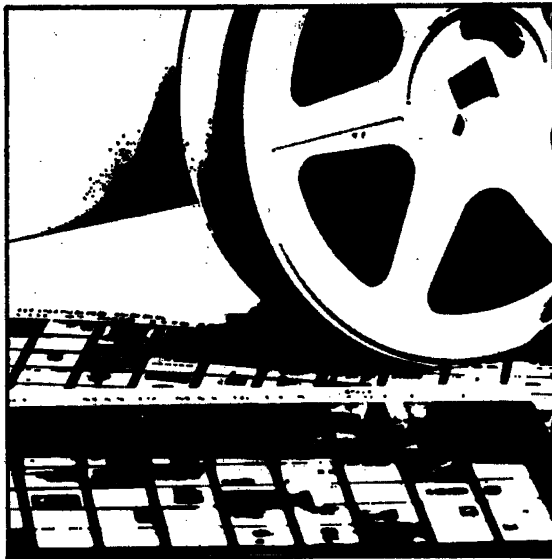
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