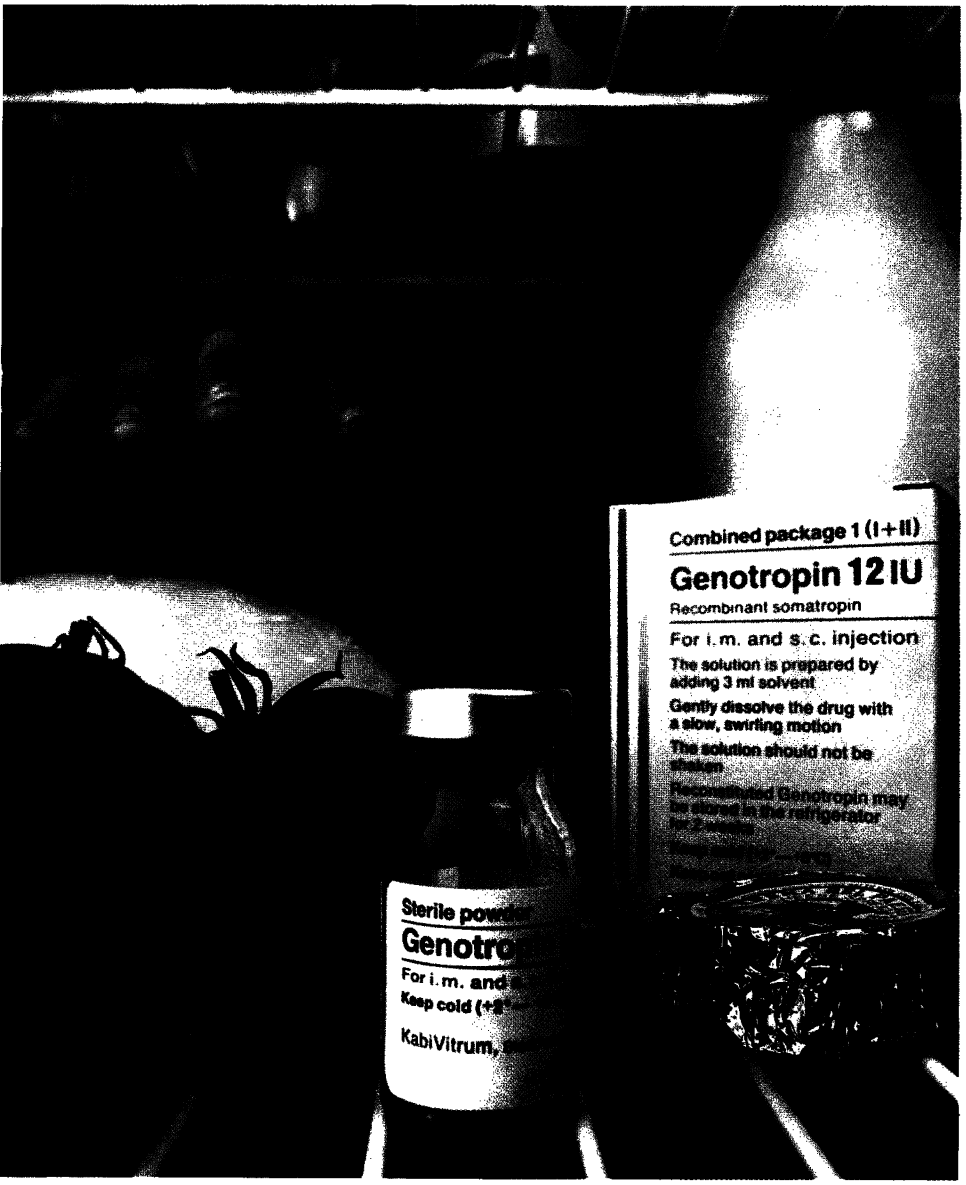
In response to a growing demand for flexibility and convenience.



Genotropin™ (somatropin (rbe)) is available in a 12 IU Multidose vial. Once reconstituted Genotropin 12 IU Multidose can be stored in a refrigerator for up to two weeks. This makes the use of individually titrated dosage regimens a practical proposition and reduces the time spent preparing injections.

The combination of authentic sequence growth hormone and multidose presentation makes the introduction of Genotropin 12 IU Multidose a significant development for patients requiring growth hormone therapy.

Genotropin™ 12 IU Multidose

somatropin (rbe)

PRESCRIBING INFORMATION ▼ **Presentation** A vial of sterile lyophilised powder containing 12 IU somatropin (rbe) supplied with 3 ml of Water for Injections with 0.25% m-cresol for reconstitution. **Indications** The treatment of short stature caused by decreased or absent secretion of pituitary growth hormone. **Reconstitution** Add 3 ml of Water for Injections with 0.25% m-cresol to the lyophilised powder in the vial. Dissolve the drug gently without shaking vigorously. **Dosage and Administration** Administer by subcutaneous or intramuscular injection. Generally a dose of 0.5 - 0.7 IU/kg body weight per week is recommended divided into six or seven subcutaneous injections. Alternatively two to three intramuscular injections can be given. **Contra-Indications** Only patients with unfused epiphyses should be treated. **Precautions** Patients with diabetes mellitus may require adjustment of their antidiabetic therapy. Patients treated with Genotropin should be regularly assessed by a child growth specialist. If given subcutaneously, the injection site should be rotated to prevent lipoatrophy. **Pregnancy and Lactation** In the event of pregnancy occurring during Genotropin therapy, treatment should be discontinued. No information is available as to whether peptide hormones pass into breast milk. **Side-Effects** A few children developed transient local skin reactions during clinical trials. Some patients develop antibodies to growth hormone although the frequency with Genotropin has been low in clinical trials. **Pharmaceutical Precautions** Store between 2-8°C and protect from light. Reconstituted Genotropin 12 IU Multidose may be stored for up to 2 weeks in the refrigerator. **Legal Category** POM. **Package Quantities** Combined pack containing one vial of somatropin (rbe) 12 IU and one vial of Water for Injections with 0.25% m-cresol. **Product Licence Numbers** Genotropin 12 IU Multidose PL 0022/0079. Water for Injections with 0.25% m-cresol PL 0022/0081. **Price** NHS Price £91.50. **Product Licence Holder** KabiVitrum Ltd, KabiVitrum House, Riverside Way, Uxbridge, Middlesex UB8 2YF. Further information is available on request from the product licence holder.

KABI

KVR10 0/88

AZACTAM

aztreonam

Confidence in paediatric gram-negative infections

ABBREVIATED PRESCRIBING INFORMATION AZACTAM

Presentation Vials containing 500mg, 1g, 2g aztreonam. Infusion bottle containing 2g aztreonam. All with L-arginine.
Indications for the treatment of the following infections caused by susceptible aerobic Gram-negative micro-organisms: Urinary tract infections, gonorrhoea, lower respiratory tract infections (including pneumonia, bronchitis, lung infections in patients with cystic fibrosis), septicaemia, meningitis caused by Haemophilus influenzae or Neisseria meningitidis, bone and joint infections, skin and soft-tissue infections, intra-abdominal infections and gynaecological infections.
Dosage and administration Adults: 1g-8g daily in divided doses depending on site and severity of infection. The usual dose is 3-4g daily. In serious infections a dose of 6-8g daily is recommended. In cystic fibrosis 2g 6-8 hourly IV. Gonorrhoea/cystitis 1g im. single dose. Children: patients older than 1 week 30mg/kg/dose every 6-8 hours. For severe infections in patients 2 years of age or older, 50mg/kg/dose every 6 or 8 hours is recommended. Total daily dose should not exceed 8g. Dosage information not available for newborns less than 1 week old. Azactam can be given intravenously or intramuscularly. Intravenous injection or infusion is recommended for doses greater than 1g. Adjust dosage in renal impairment. (See Data Sheet.)
Contra-indications Patients with a known hypersensitivity to Azactam.
Pregnancy.
Precautions Initial concurrent therapy with other antibiotics is recommended for infections which may be due to non-susceptible organisms. (See Data Sheet.) Lactating mothers should refrain from breast feeding. Therapy with Azactam may result in superinfections which may require additional therapy. Impaired renal/hepatic function. Caution should be exercised in patients with beta-lactam hypersensitivity. Prothrombin times should be monitored in patients with concomitant anticoagulant therapy.
Side effects Aztreonam is generally well tolerated. Side-effects include rash, local reactions at the injection site, diarrhoea, nausea, vomiting. (See Data Sheet.)
Legal category POM.
Product Licence No./Cost Azactam injection 500mg vial PL0034/0250 £4.48, 1g vial PL0034/0251 £8.95, 2g vial PL0034/0252 £17.90, 2g infusion bottle PL0034/0255 £17.90.
Product Licence Holder E R Squibb and Sons Ltd. Squibb House. Hounslow, Middlesex TW3 3JA.
Date of preparation May 1989.

SQUIBB™
Investing in Britain

E.R. Squibb & Sons Limited, Squibb House, 141-149 Staines Road, Hounslow, Middlesex TW3 3JA.

If in doubt, recommend Farley's OsterSoy.

If a baby's intolerant of standard cows' milk formulas, he'll be downright furious if you don't recommend a good alternative.

Unlike some soya protein formulas, Farley's OsterSoy is sucrose free. And it's the only brand you can prescribe for babies with cows' milk protein, lactose and sucrose intolerance.

Farley's OsterSoy is also one of the few soya brands to meet DHSS and CODEX guidelines on protein and iron for standard milk formulas.

There's good news for vegetarians and vegans too. Farley's OsterSoy is the only soya formula that is completely free from all animal products.

So if there is a problem with cows' milk, the answer is Farley's OsterSoy. No question about it.

Farley's OsterSoy

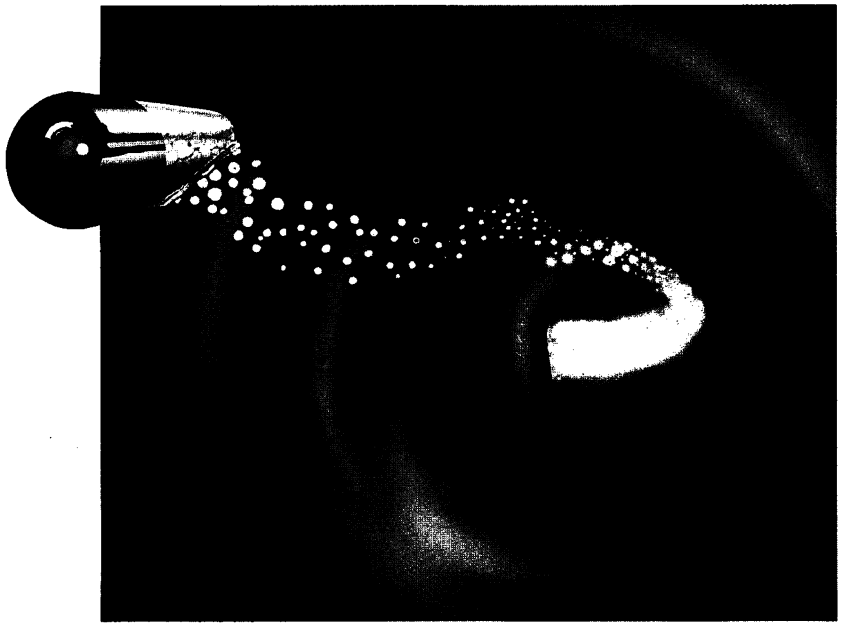
SO FARLEY'S GOOD

Breast feeding is best for babies. Farley's OsterSoy should be used on medical advice for babies and children requiring a diet free from cows' milk protein, lactose, galactose or sucrose.

CROOKES Healthcare

PROGRESS

In The Management Of Cystic Fibrosis



creon®
pancreatin

RIGHT ON TARGET – RIGHT FROM THE START

Prescribing Information – Presentation: Brown-yellow capsules containing enteric coated granules of pancreatin equivalent to: 9,000 BP units of amylase, 8,000 BP units of lipase, 210 BP units of protease. Available in packs of 100. Basic NHS price £13.33. **Indication:** Pancreatic exocrine insufficiency. **Dosage and administration:** Adults and children: Initially one or two capsules with meals, then adjust according to response. The capsules can be swallowed whole, or for ease of administration they may be opened and the granules taken with fluid or soft food, but without chewing. If the granules are mixed with food, it is important that they are taken immediately, otherwise dissolution of the enteric coating may result. **Contra-indications, Warnings, etc:** Contra-indications: Substitution with pancreatic enzymes is contra-indicated in the early stages of acute pancreatitis. Warnings: Use in pregnancy: There is inadequate evidence of safety in use during pregnancy. The product is of porcine origin. Rarely cases of hyper-uricosuria and hyper-uricaemia have been reported with high doses of pancreatin. Overdosage could precipitate meconium ileus equivalent. Perianal irritation could occur, and, rarely, inflammation when large doses are used. **Product Licence Number:** 5727/0001. **Name and address of Licence Holder:** Kali Chemie Pharma GmbH, Postfach 220, D-3000, Hannover 1, West Germany.

duphar Further information is available from:
Duphar Laboratories Limited, Gaters Hill, West End, Southampton SO3 3JD. Tel: 0703 472281.

CRAd/CF/1/89

Air-Shields Vickers

The Resuscitaire 165 provides all the basic facilities necessary to help babies born with breathing difficulties survive the immediate post-natal period. Its compact, self contained construction makes it easily mobile for use in the ward or theatre. It's comprehensive facilities makes the Resuscitaire 165 a totally practical and comprehensive resuscitation system.

The Neocrib is an alternative clinical approach to the incubator for the intensive care of the sick and preterm neonate. It provides continuous unrestricted access, clear visibility and a safe controlled thermal neutral environment. Built in features include sophisticated temperature control, large clear digital displays, fold down side walls, continuously variable bed tilt, two monitor shelves and IV pole and X-ray cassette tray.

The Neocare Mk2 incubator available in both air and baby modes, provides the safe, warm environment, essential in caring for the critical neonate. In addition to the standard bi-directional air flow system, independent temperature control and measurement, and comprehensive alarm system there is a wide range of optional accessories available which can tailor the Neocare for handling any situation in neonatal care.

Providing Special Care for Neonates.

A-SV

S&W Vickers

S&W Vickers Ltd, Ruxley Corner, Sidcup, Kent DA14 5BL
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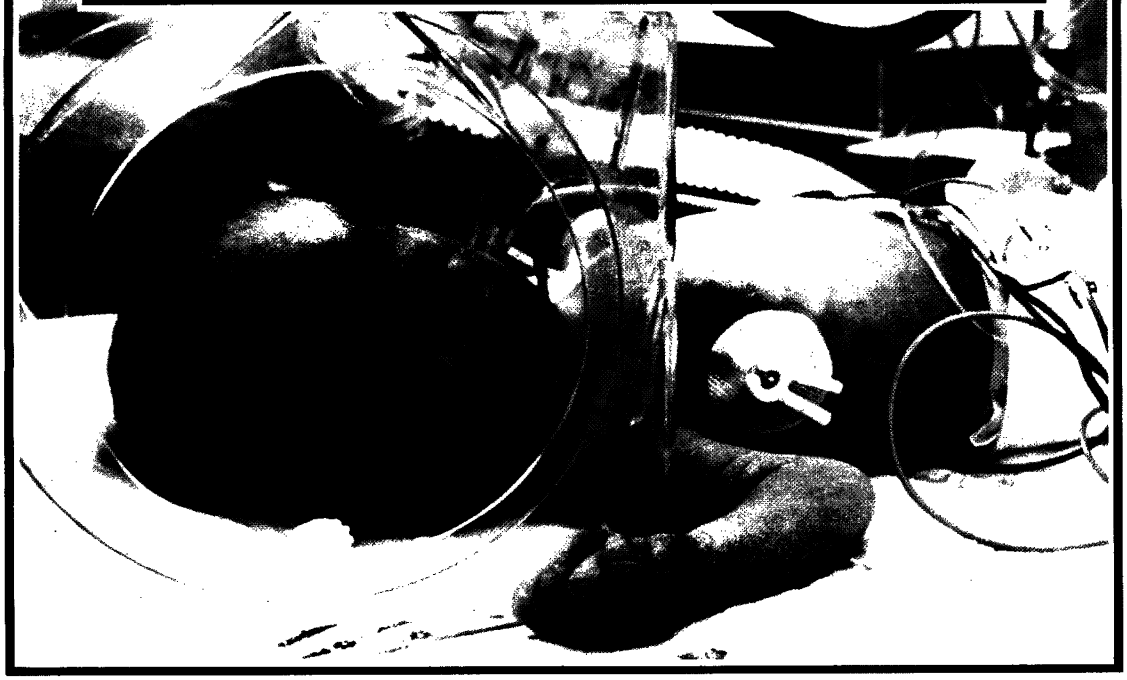
VIRAZID™

Ribavirin

Effective therapy for bronchiolitis due to RSV



Now you can treat the infection Not just the symptoms

Prescribing Information ▼

Indications
Virazid is indicated in the treatment of infants and children with severe respiratory syncytial virus bronchiolitis.

Dosage
Treatment is carried out using a small particle aerosol generator (SPAG) for 12-18 hours per day for at least 3 and no more than 7 days. The concentration of ribavirin in the reservoir is 20mg/ml in the SPAG unit and the average concentration for a 7 hour period is 0.19mg/l of air.

Presentation
Virazid is a sterile lyophilised powder of ribavirin to be reconstituted for aerosol administration. Each 100ml glass vial contains 6g of ribavirin and, when reconstituted to the correct volume of 300ml with Water for Injections BP, will contain 20mg/ml ribavirin at a pH of approximately 5.5.

Contra-Indications
Ribavirin is contra-indicated in females who are or may become pregnant and it should be noted that ribavirin can be detected in human blood even four weeks after oral administration has ceased.

Precautions
In infants requiring assisted ventilation, Virazid should only be used when there is constant monitoring of both patients and equipment.

Side Effects
Several serious adverse events occurred in severely ill infants with life-threatening underlying disease many of whom required assisted ventilation. These events included worsening of respiratory status, bacterial pneumonia and pneumothorax. The role of ribavirin aerosol in these events has not been determined.
Anaemia has been reported with oral and intravenous administration but no such incidents have been reported with aerosol administration. Reticulocytosis has been reported with aerosol use.

Warnings
Precipitation of the drug in respiratory equipment and consequent accumulation of fluid in the tubing has caused difficulties for patients requiring assisted ventilation.
In infants requiring assisted ventilation Virazid should only be used when there is constant monitoring of both patients and equipment.
Directions for use during assisted ventilation are given in the SPAG manual which should be read carefully before such administration.

Full prescribing information is available upon request.

▼Special reporting to the CSM required.

Basic NHS Price:		1 × 6g vial £195.
Product Licence Number	:	4657/0004
Product Licence Holder	:	Viratek Inc. USA
Supplied By	:	Britannia Pharmaceuticals Ltd Forum House 41-51 Brighton Road Redhill, Surrey, RH1 6YS

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PRESCRIBING INFORMATION

HUMAN VELOSULIN® ▼ (Neutral Insulin Injection, human insulin (emp)). HUMAN INSULATARD® ▼ (Isophane Insulin Injection (NPH), human insulin (emp)). HUMAN MIXTARD® 30/70 ▼ (Neutra Suspension comprising 30% Neutral Insulin Injection and 70% Isophane Insulin Injection (NPH), human insulin (emp)). HUMAN INITARD® 50/50 ▼ (Neutral Suspension comprising 50% Neutral Insulin Injectior and 50% Isophane Insulin Injection (NPH), human insulin (emp)). **Presentation** HUMAN VELOSULIN, HUMAN INSULATARD, HUMAN MIXTARD 30/70 and HUMAN INITARD 50/50 are available ir 10 ml. vials containing 100 iu/ml. To aid identification the metal sealing rings of the vials have tactile marks as follows: Human Velosulin – one mark; Human Insulatard – two marks; Human Mixtard 30/70 – three marks; Human Initard 50/50 – four marks. The vials are fitted with tamper-evident caps. **Uses** The treatment of insulin-requiring diabetes. **Dosage and Administration** The dosage of insulin is determinec by the physician according to the needs of the patient. Human Velosulin may be given by s.c., i.m., or i.v. injection. Human Insulatard, Human Mixtard 30/70 and Human Initard 50/50 should be re-suspendec by inverting the vial several times before being given by s.c. or i.m. injection (they must not be given intravenously). Intermixing does not affect the characteristics of any of these insulins. **Use in pregnancy** Insulin requirements usually fall during the first trimester and increase during the second and third trimesters. **Use in the elderly:** Insulin may have a more prolonged action due to reduced clearance rates **Contra-indications warnings etc. Contra-indications:** Hypoglycaemia. **Precautions:** Patients transferring from other insulins may require a dosage adjustment. Concomitant therapy with thyroxine corticosteroids, oral contraceptives, diuretics, beta blockers and M.A.O.I.s may affect insulin requirements. **Side and Adverse Effects:** Hypoglycaemia. Local reactions, lipodystrophy and hypersensitivity reactions are rarely reported with human insulins. **Pharmaceutical Precautions** Store between 2–8°C, protected from sunlight. Insulin which has been frozen should not be used. **Legal Category** P. **Package Quantities** 10 ml. glass vials. **Basic NHS Price** £7.31. **Product Licence Numbers** NORDISK-UK: Human Velosulin 3132/0031 Human Insulatard 3132/0034; Human Mixtard 30/70 3132/0037; Human Initard 50/50 3132/0040. THE WELLCOME FOUNDATION LTD: Human Velosulin 0003/0211; Human Insulatard 0003/0212; Human Mixtard 30/70 0003/0213; Human Initard 50/50 0003/0214. Further information is available on request from either: Nordisk-UK, Nordisk House, Garland Court, Garland Road, East Grinstead, West Sussex RH19 1DN. Tel: East Grinstead (0342) 410373, or Wellcome Medical Division, The Wellcome Foundation Ltd, Crewe Hall, Crewe, Cheshire CW1 1UB. Tel: Crewe (0270) 583151.

Nordisk Wellcome

Reference 1. Heine R.J. et al, Diabetologia, 1984; 27; 558-562. ®Registered Trade Mark

HUMAN VELOSULIN®

Human neutral soluble insulin (emp)

HUMAN INSULATARD®

Human isophane (NPH) insulin (emp)

Quick and intermediate acting insulins developed to be compatible.

No interaction when mixed.[1]

Predictable effect in individually titrated regimens.