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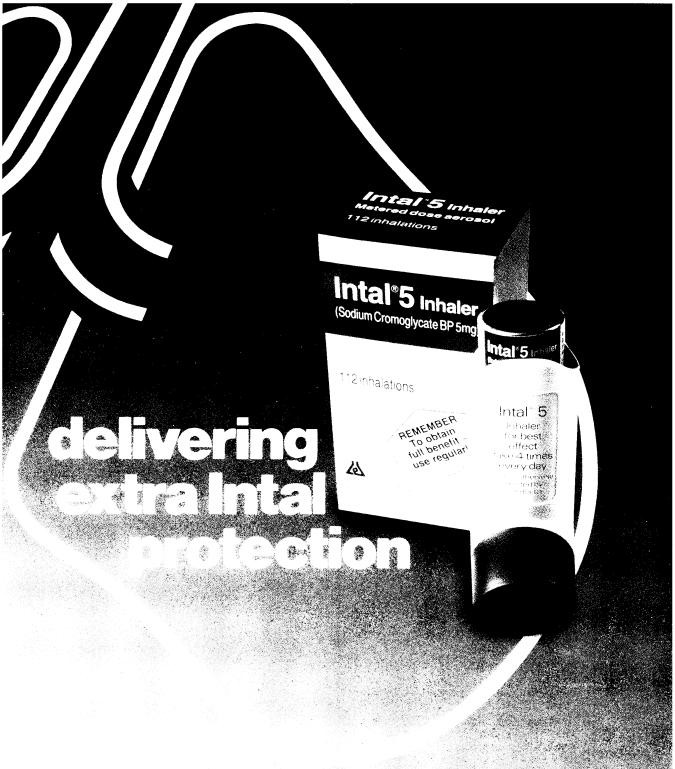
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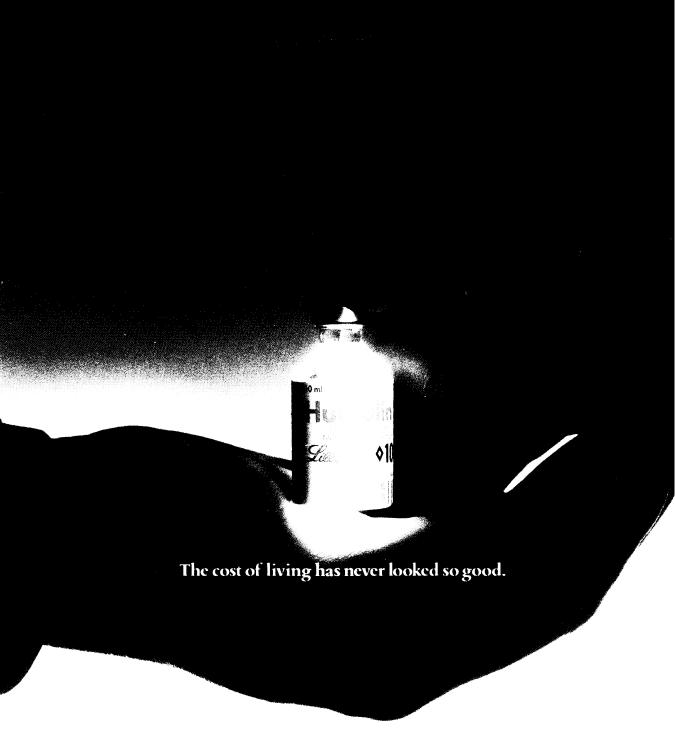
Human Insulin (crb)

'HUMULIN'S ▼ 'HUMULIN'I ▼ 'HUMULIN' Zn▼ Human insulin (crb) Presentation: Humulin S: A sterile, aqueous solution of human insulin (crb), 100 IU/ml. Humulin I: A sterile suspension of isophane human insulin (crb), 100 IU/ml. Humulin Zn: A sterile suspension of crystalline human insulin (crb), 100 IU/ml. **Uses:** For the treatment of insulindependent diabetics. Dosage and Administration: The dosage should be determined by the physician according to the requirements of the patient. Humulin S may be administered by subcutaneous, intramuscular or intravenous injection. Humulin I and Humulin Zn should be administered by subcutaneous or intramuscular injection only. Humulin S may be administered in combination with Humulin I or Humulin Zn as required. Humulin I and Zn: Rotate vial in palm of hands before use to re-suspend. Mixing of insulins: The shorter-acting insulin should be drawn into the syringe first, to prevent contamination of the vial by the longer-acting preparation. It is advisable to inject immediately after mixing. Contra-indications, Warnings, etc. Contra-indications: Hypoglycaemia. Under no circumstances should Humulin I or Humulin Zn be given intravenously. Precautions: <u>Usage in</u> <u>pregnancy</u>: Insulin requirements usually fall during the first trimester and increase during the second and third trimesters. Transferring from other insulins: A small number of patients transferring from insulins of animal origin may require a reduced dosage, especially if they are very tightly controlled and bordering on hypoglycaemia. The risk of hypoglycaemia can be considered minimal if the daily dosage is less than 40 IU. Insulin-resistant patients receiving more than 100 IU daily should be referred to hospital for transfer. Side effects: Lipodystrophy, insulin resistance and hypersensitivity have rarely been reported. Legal Category: P Package Quantities: 10ml glass vials in packs of 5. Humulin S: 100 IU/ml £6.44. Humulin I: 100 IU/ml £6.44. Humulin Zn: 100 IU/ml £6.44. Product Licence Numbers: Humulin S 100 IU/ml 0006/0165 Humulin I 100 IU/ml 0006/0168 Humulin Zn 100 IU/ml 0006/0179 Date of preparation: December 1983. Full Prescribing Information Available From: Eli Lilly and Company Limited, Kingsclere Road, Basingstoke, Hampshire, RG21 2XA. Telephone: Basingstoke (0256) 473241



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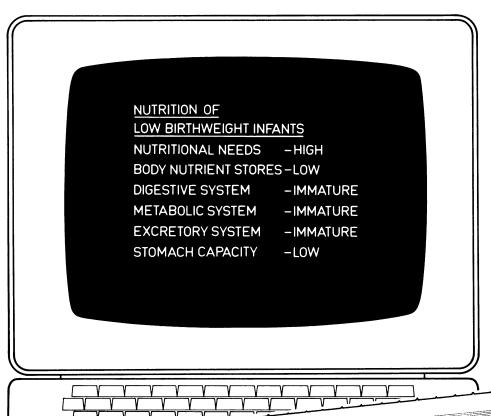
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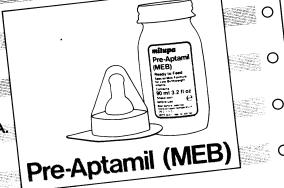


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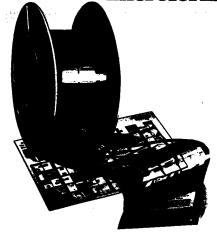
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1. Brooke, O. G., Wood, C., Barley, J. Arch. Dis. Child 1982, **57**, 898–904.

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 $\label{eq:presentation.} \textbf{Presentation.} Fortum for injection is supplied in vials containing 500mg, 1g and 2g ceftazidime (as pentahydrate) with sodium carbonate.$

tises. Fortum is a bactericidal cenhalosporin antibiotic which is resistant to most betalactamases and is active against a wide range of Gram-positive and Gram-negative bacteria.

bacteria.
It is indicated for the treatment of single infections and for mixed infections caused by two or more susceptible organisms. Fortum, because of its broad antibacterial spectrum, may be used alone as first choice drug, pending sensitivity test results.

Desage and administration. The usual adult desage is in the range 1g to 6g i.m. or i.v. per day and by the i.p. route 125-250mg/2 litre of dialysis fluid (see Data Sheet for details).

Contra-indication. Fortum is contra-indicated in patients with known hypersensitivity to cephalosporin antibiotics.

Precautions. Cephalosporins may, in general, be given safely to patients who are hypersensitive to penicillins. Care is indicated in patients who have experienced an anaphylactic reaction to penicillin. Cephalosporin antibiotics at high dosage should be given with caution to patients receiving concurrent treatment with nephrotoxic drugs. Clinical experience with Fortum has shown that this is not likely to be a problem at the recommended dose levels. Reduce dosage when renal function is impaired (see Data Sheet). As with all drugs, Fortum should be administered with caution during the early months of pregnancy and in early infancy. Fortum is excreted in human milk in low concentrations.

concentrations.
Fortum does not interfere with enzyme-based tests for glycosuria. Slight interference with copper reduction methods may be observed. Fortum does not interfere in the alkaline picrate assay for creatinine.

Fortum and aminoglycosides should not be mixed in the same giving set or syringe. As with other broad spectrum antibiotics, prolonged use of Fortum may result in the overgrowth of non-susceptible organisms (e.g., Candida, Enferocaci) which may require interruption of treatment or adoption of appropriate measures.

Side effects. Fortum is generally well tolerated with only infrequent adverse reactions, e.g., pain and/or inflammation after i.m. administration and phebitis and/or inflammation after i.m. administration phebitis after i.v. administration, rashes, fever, prurflus, gastro-intestinal disturbances, headache, dizziness, paraesthesiae and bad taste. Transient changes in laboratory values may occur including: eosinophilia, a positive Coombs' test, thrombocytosis and slight rises in hepatic enzymes.

Basic NHS cost (exclusive of VAT), The basic NHS cost of Fortum is £9-90 per gram. Available in packs of: $5\times500mg$, $5\times1g$ and $5\times2g$ vials and an infusion pack of $5\times2g$

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- Norgan G, Duerden B I, Lilleyman J S. J of Antimicrob Chemother 1983; 12 (Supp. A): 347-351.
 Snelling S, Hart C A, Cooke R W I. J of Antimicrob Chemother 1983; 12 (Supp. A):
- Shelling S, Hart C A, Cooke R W I. J of Antimicrob Chemother 1983; 12 (Supp. A): 353-356.
- 3. David T.J. Phillips B.M. Connor P.J. J of Antimicrob Chemother 1983; 12 (Supp. A):

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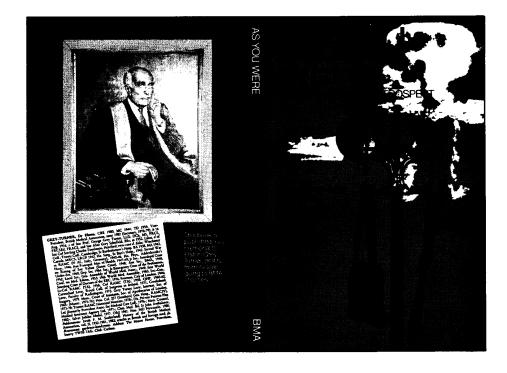
Elston Grey-Turner, the much loved former secretary of the BMA who died in 1984, was often referred to by colleagues as "The Colonel" in tribute to his military service in the RAMC and the Territorial Army. As a tribute to his memory the BMJ commissioned a collection of reminiscences by doctors of their experiences in the second world war and their feelings as it came to an end. For some, VE Day was a time for celebration, but others were too busy to notice or, as prisoners of war, did not even know it had happened. The exigencies of war brought enormous advances in surgery and medicine—particularly in the use of blood transfusion and pencillin—while in the civilian hospitals newly qualified doctors and medical students took on responsibilities that are almost unimaginable today.

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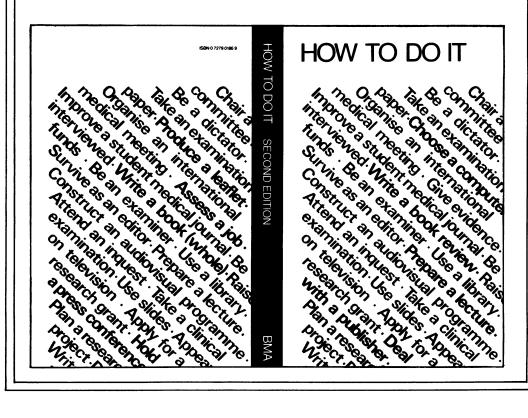
The first edition of HOW TO DO IT proved a useful and popular guide to those things a doctor needs to know but is rarely taught: how to take an examination, how to interview and be interviewed, how to plan and write up research, how to behave at an inquest. In the second edition the original chapters have been expanded and updated, and there are several more chapters on new challenges—choosing a computer, flying, holding a press conference—and on some older ones not included in the first edition—assessing a job, dealing with a publisher.

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