

When sleep disturbance compounds depression . . .



Sinequan^{*}

brand of doxepin

* Trade Mark

settles the mind for sleep while treating the underlying depression.

► Sedative tricyclic antidepressant.

► Once nightly dosage.

Indications: depression with or without anxiety. **Contraindications:** glaucoma, urinary retention, hypersensitivity to the drug. **Side effects:** dry mouth and drowsiness are most commonly reported. **Precautions:** Sinequan may potentiate other compounds (e.g. monoamine oxidase inhibitors; not recommended in pregnancy or children under 12 years of age. **Dosage:** range 30mg to 300mg daily in divided doses; up to 100mg may be given as a single dose at night. **Packs and Basic N.H.S. Cost:** 10mg capsules (PL 57/5032), pack of 100, £2.98; 25mg capsules (PL 57/5033), pack of 100, £4.24; 50mg capsules (PL 57/5034), pack of 100, £7.01; 75mg capsules (PL 57/0133), pack of 60, £6.64.

Full information is available on request to the Company



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A new generation of Micra Titanium Instruments.

Downs Surgical's new range of Micra titanium forceps offers advances in design and quality with a complete choice of delicate tips.

This new generation of Micra titanium forceps incorporates the requests for improvement revealed in a world-wide survey of Micra Instrument users.

Now these improvements are made possible due to our improved titanium technology.

Straight, curved and colibri forceps are available with tying platforms on tying, notched and toothed tips or as plain forceps.

For full details just return the coupon.

ved Forceps

A high-contrast, black and white photograph of three surgical forceps. The forceps are arranged diagonally from the top left towards the bottom right. They have long, dark handles and light-colored, textured heads. The tips of the forceps are visible, showing different designs: one is straight, one is curved, and one has a more complex, possibly notched or toothed tip. The background is a stark white, creating a dramatic effect with deep shadows.

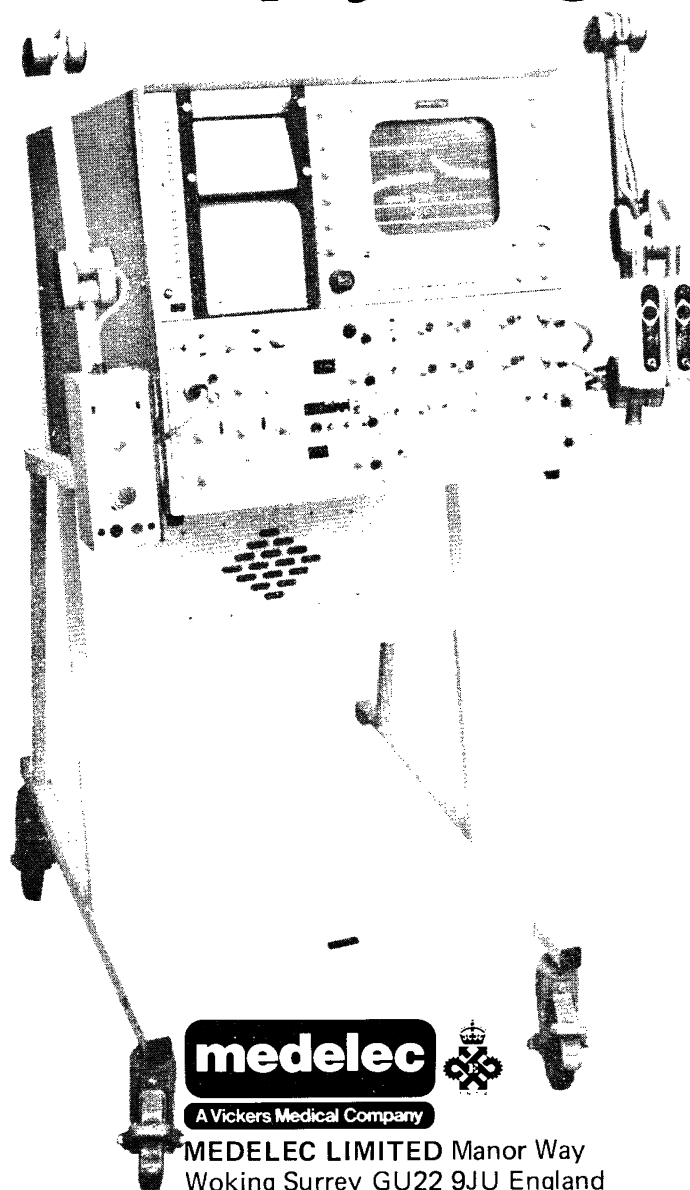
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Visual Evoked Potentials

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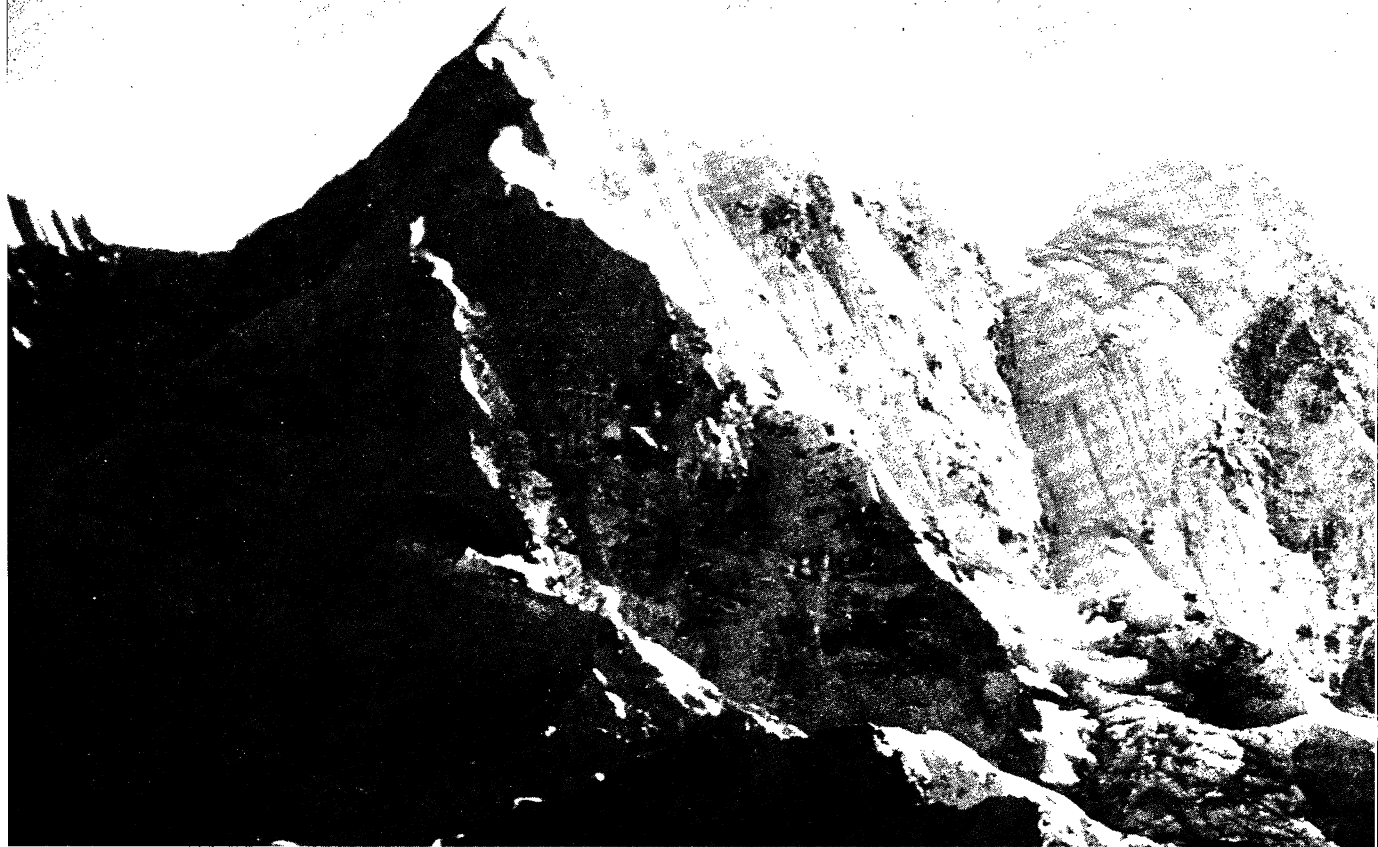
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Woking Surrey GU22 9JU England
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Epilim enteric

Sodium valproate

from strength to strength



Presentations

(1) Lilac-coloured enteric coated tablets containing 200mg or 500mg sodium valproate (Epilim 200 enteric coated/Epilim 500 enteric coated).

(2) Red cherry-flavoured syrup containing 200mg sodium valproate per 5ml (Epilim Syrup).

Indications

Epilepsy. In women of childbearing age, Epilim should be used only in severe cases or those resistant to other treatment.

Dosage and Administration

To be taken with or after food; tablets should be swallowed whole.

Adults: Initially 600mg/day in divided doses, increasing by 200mg/day at three-day intervals until control is achieved (maximum dose 2600mg/day).

Children over 20kg: Initially 400mg/day in divided doses, with spaced increases until control is achieved (usually in the range of 20-30mg/kg/day).

Children under 20kg: 20mg/kg/day, with

spaced increases until control is achieved, up to a maximum of 50mg/kg/day.

Plasma levels of 200µg/ml should be exceeded only with caution and with monitoring of haematological function.

Contra-indications, Warnings, etc.

There are no absolute contra-indications.

Side-effects: Minor gastric irritation and nausea have been observed in some patients at the start of treatment with uncoated tablets, but this can usually be overcome by using the enteric coated tablet, or relieved by standard medication.

Transient hair loss has occurred in some patients; tremor, occasionally seen at high dosages, may be controlled by reduction of dosage. Oedema has been reported.

Reversible prolongation of bleeding time and thrombocytopenia have been reported, but usually at doses above those recommended. Spontaneous bruising or bleeding is an indication for withdrawal of medication pending investigation. Patients receiving Epilim should be monitored for platelet function before major surgery.

Liver dysfunction, including hepatic failure resulting in fatalities, has occurred in a few patients whose treatment included Epilim. These incidents occurred during the early months of treatment. Although a causal relationship has not been established, it is recommended that liver function be investigated prior to commencing therapy and monitored at two-monthly intervals thereafter for up to six months. Should liver dysfunction be suspected, immediate withdrawal of the drug is indicated, prior to full investigation of the possible causes. Caution should be exercised when administering Epilim to patients with pre-existing liver disease.

Combined medication: When adding Epilim to existing anticonvulsant medication, e.g. barbiturates, the sedative effects of the latter may be enhanced, and it may therefore be necessary to reduce their dosage. As Epilim may potentiate the effect of mono-amine oxidase inhibitors and other antidepressants, dosage of such compounds should also be reduced.

Diabetic patients: Epilim may give false

coated in epilepsy

200

NEW

coated

positives, urine testing for ketones. Care should be taken when treating diabetic patients with Epilim Syrup. Which contains 3 g/l sucrose per 5 ml.

PL Numbers:

Epilim 200 enteric coated (tablets) 623 0006

Epilim 500 enteric coated (tablets) 623 0005

Epilim Syrup 623 0004

NHS Cost:

Epilim 200 enteric coated (tablets) 100.87046

Epilim 500 enteric coated (tablets) 100.87060

Epilim Syrup 200 mg/5 ml 131

Epilim is a registered trademark

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Epilim 200 enteric coated
Following the success of the Epilim 500 enteric coated tablet in improving gastrointestinal tolerance of high dose Epilim treatment, Reckitt-Labaz are pleased to announce the availability of Epilim 200 enteric coated.

This new tablet provides the same advantages in terms of acceptability and means that enteric coated tablets can be prescribed when the dosage regimen requires both 500mg and 200mg tablets.

So many patients with epilepsy are controlled by

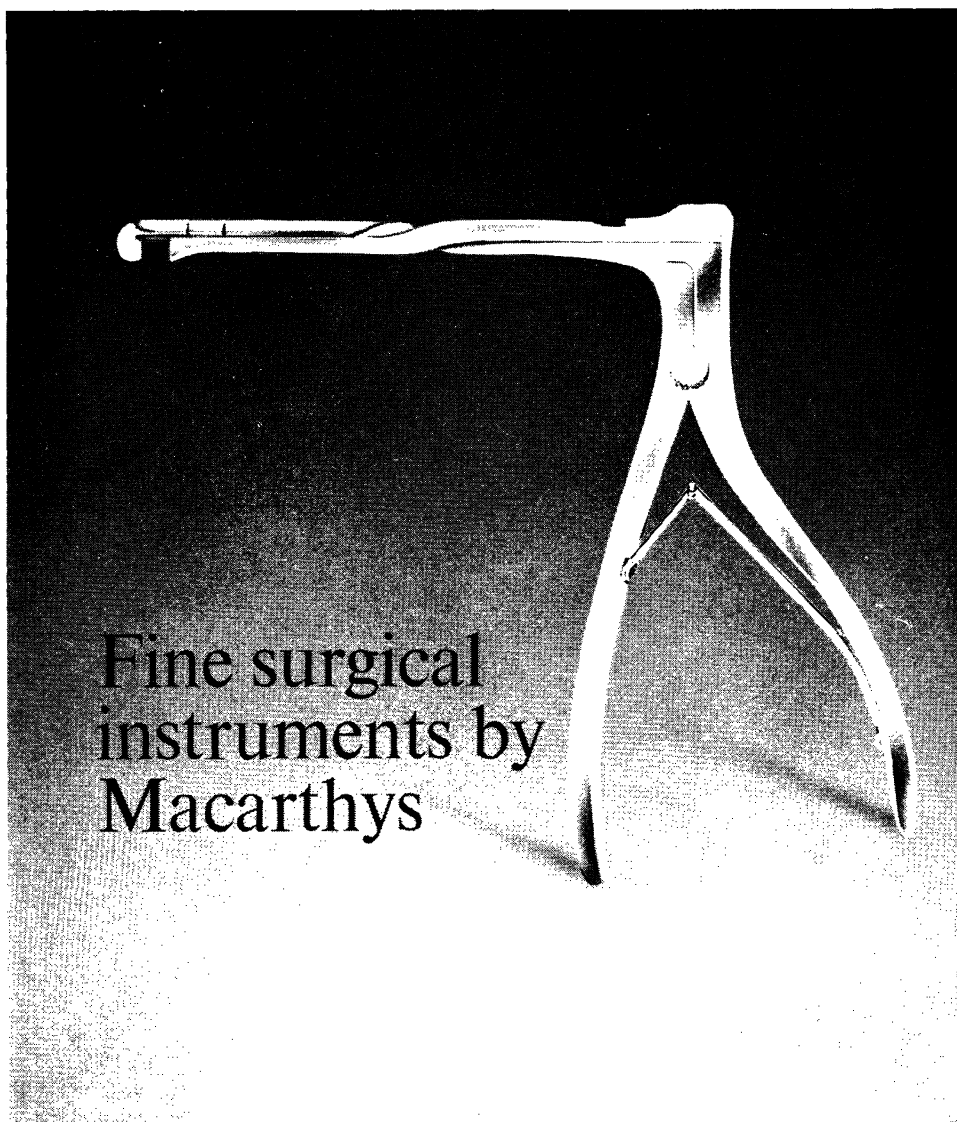


Additional information is available from Reckitt-Labaz, Reckitt & Co-man Pharmaceuticals Division, 1408 TDS, Tel: 0462 26161

For this new improved dosage form your prescription should specify:

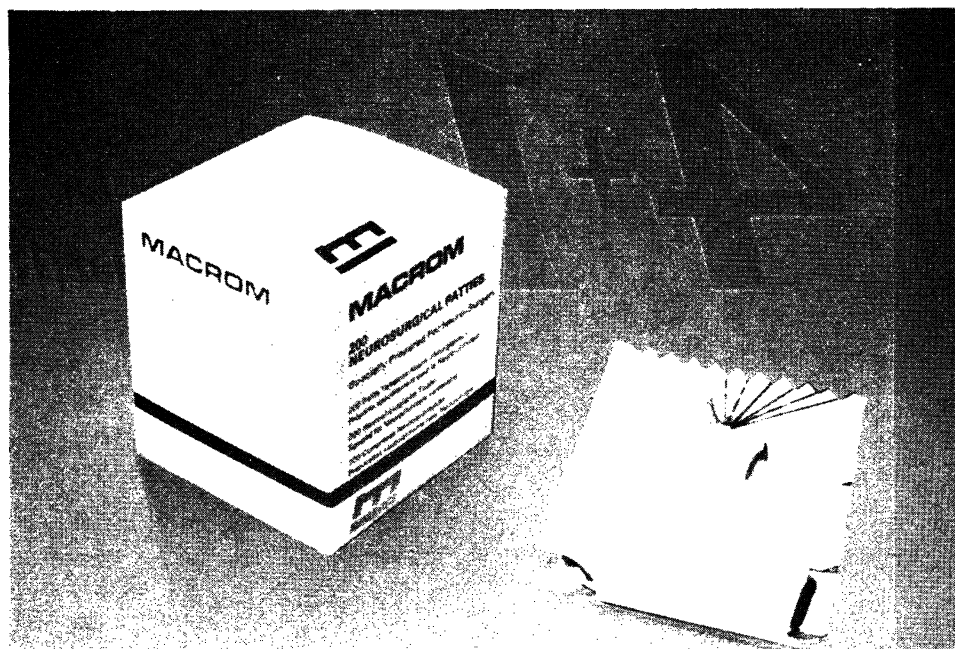
Rx Tabs Epilim 200 enteric coated

Women of child-bearing age. Sodium valproate, like certain other anti-convulsants, has been shown to be teratogenic in animals. In women of child-bearing age, the benefits of these compounds should be weighed against the possible hazard suggested by these findings.



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Presentation

Madopar contains a combination of levodopa and the decarboxylase inhibitor benserazide in the ratio of 4:1. Madopar 62.5 capsules containing 50mg levodopa and 12.5mg benserazide hydrochloride (equivalent to 12.5mg of the base). Madopar 125 capsules containing 100mg levodopa and 25mg benserazide hydrochloride (equivalent to 25mg of the base). Madopar 250 capsules containing 200mg levodopa and 50mg benserazide hydrochloride (equivalent to 50mg of the base).

Indications

Parkinsonism - idiopathic or of unknown cause.

Dosage

The dosage is variable and the data available should be considered for full details. The effective daily dose usually lies between four and eight capsules of Madopar 125, with four capsules of Madopar 250. Daily levodopa doses of more than 2g are required in some patients. Capsules of Madopar 125 daily. In some elderly patients initial treatment with one capsule of Madopar 62.5 can be twice daily increasing to two capsules every third or fourth day may suffice. Patients with experience of levodopa therapy may also benefit from administration of smaller doses at shorter intervals. See also Madopar 62.5.

Contra-indications

Narrow-angle glaucoma, severe peripheral vascular disease, psychosis, risk of hypotension given in conjunction with monoamine oxidase inhibitors or within two weeks of their withdrawal, to patients under 25 years of age, pregnant women or to patients who have a history of or who may be suffering from a malignant pheochromocytoma.

Precautions

Levodopa may interfere with certain anticoagulant mechanisms should be given with heparin, renal, pulmonary or cardiovascular disease, hepatic disorder, peptic ulcer, epilepsy, sympathomimetic drugs, antihypertensive drugs. Patients who improve on Madopar therapy should be advised to resume normal activities gradually as rapid mobilisation may increase the risk of injury.

Side-effects

Nausea and vomiting, cardiovascular disturbances, peripheral disturbances, involuntary movements.

Packings

Madopar 62.5 capsules Madopar 125 capsules and Madopar 250 capsules in a range of 100.

Licence Numbers

0081 0125 Madopar 62.5 capsules 0081 0075 Madopar 125 capsules 0081 0074 Madopar 250 capsules

Basic NHS Cost

Madopar capsules 62.5 £3.49 per 100
Madopar capsules 125 £5.29 per 100
Madopar capsules 250 £11.28 per 100

References:

1 Neurology 1976 28:395
2 Neurology 1979 29:1554

ROCHE

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PO Box 8

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Hertfordshire AL7 3AY

Madopar is a trade mark
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4+1

*the
right balance*

Mozart, in his Clarinet Quintet, achieved harmony with a balance of 4 + 1.

Roche, with Madopar, struck the right balance of 4 + 1 with levodopa and the decarboxylase inhibitor benserazide. Chosen from several ratios as the one giving the best results in clinical practice, this combination has proved its rightness over a decade of clinical experience.

The 4 + 1 preparation of levodopa and benserazide has recently added another string to its bow. In a comparative trial it was shown to be preferred by patients to a 10 + 1 preparation of levodopa and carbidopa because of its better gastro-intestinal tolerance in the critical first three months of treatment.²

Madopar

levodopa plus benserazide

*balanced for
optimal performance in
Parkinson's disease*

62.5, 125 and 250

Micra-fine

A New Range of Fine Microsurgical Titanium Instruments specifically designed for a wide range of procedures including micro-anastomosis



Developed jointly by Downs Surgical and Micra from the original Microsurgical Instruments designed by Dermot Pierse

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Downs Surgical 

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Please send me details of Micrafine Microsurgical Titanium Instruments.

Name

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Prescribing Notes

Indications Lioresal is indicated for the relief of spasticity in multiple sclerosis, other spinal lesions, and also for the treatment of spasticity of cerebral origin in children and young adults (under 25 years of age). **Dosage** It is advisable to commence treatment with Lioresal at a daily dosage of 15mg, taken in three divided doses, increasing slowly at intervals of at least 3 days, until the optimum effect is achieved. Satisfactory controls usually obtained with doses up to 60mg daily, but careful adjustment is often necessary to meet the requirements of individual patients. A maximum daily dose of more than 100mg is never advised unless the patient is in hospital and under careful supervision. There have been reports of tolerance. **Side effects** Nausea, vomiting, daytime sedation and confusion, muscle hypotonia and fatigue. **Precautions** History of peptic ulceration; severe psychiatric disturbances; concurrent administration of skeletal muscle relaxants; epilepsy; cerebrovascular disease; first three months of pregnancy. **Price** Lioresal is supplied as 10mg tablets of baclofen in Secustainer packs of 100. Basic NHS price £11.66/£0.094/0.063.



Dantrium

(dantrolene sodium)

**directly relaxes skeletal muscle
and as a result may
help in the rehabilitation process**

**"Dantrium will be of most benefit to
the patient whose functional rehabilitation has been
delayed by the sequelae of spasticity."**

Mayer, N., Meconber, S. A. & Herman, R. (1973)
Amer. Phys. Med. Rehabil. **54**: 60-64

Prescribing Information

Indications

Chronic, severe spasticity resulting from such disorders as stroke, multiple sclerosis, spinal cord injury and cerebral palsy.

Dosage

Dosage should be titrated for each patient. The lowest dosage compatible with optimum response is recommended.

Recommended dosage increment scale

Week	Dosage	Weeks	Dosage
1	1 x 25 mg daily	5	3 x 25 mg t.i.d.
2	1 x 25 mg b.i.d.	6	3 x 25 mg q.i.d.
3	2 x 25 mg b.i.d.	11	1 x 100 mg q.i.d.
4	2 x 25 mg t.i.d.		

If no benefit is observed after 45 days therapy should be discontinued. Most patients will achieve their therapeutic goal at a titrated dose of 75 mg t.i.d.

Contra-indications

Hepatic dysfunction. Where spasticity is used for locomotion. Not approved for use in children.

Precautions

Pregnancy, impaired pulmonary or cardiac function. Dantrium may have a parototoxic action; therefore liver function tests should be performed in all patients prior to therapy and after six weeks. Tests should be repeated at the physician's discretion. Generally abnormal values should lead to discontinuation of therapy. Patients should

not drive or operate machinery until dosage is stabilised. Care should be exercised in the concomitant use of tranquilisers.

Action in event of overdosage

General supportive measures and immediate gastric lavage. Large quantities of fluids should be administered to avoid theoretical possibility of crystalluria.

Side effects

Drowsiness, dizziness, weakness, general malaise, fatigue, and diarrhoea may occur early in treatment. These effects are generally transient and can be minimised by careful dosage titration.

Warning

Isolated cases of jaundice in patients receiving Dantrium have been reported.

Product licence numbers

PL 0364 0015 0364 0016

Dantrium is a registered trade mark.

Basic N.H.S. cost

£00 x 25 mg = £8.45

£00 x 100 mg = £29.50

Average daily dose of 75 mg tds = £5.32

per week.

Further information is available on request.



Eaton Laboratories,

Regent House,

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INSTITUTE OF NEUROLOGY

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The Functions of Sleep

edited by

René R. Drucker-Colin

Mario Shkurovich

and M. B. Sterman

1979, 312pp., 0.12.222340.3

£14.80 (UK only)/\$22.50

A unique volume, *The Functions of Sleep* explores the question of why we sleep rather than how we sleep. Current knowledge on the structure of the sleep process is synthesized incorporating the most recent findings of experimental inquiry into developmental, neurochemical, and clinical aspects of sleep.

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