





Making Good Medicine Better

Reg. T.M. of Knoll AG, Chemische Fabriken, Ludwigshafen, Germany



AKINETON®

works well in any Parkinsonism syndrome, regardless of etiology. Organic or drug-induced.

- effective at low daily doses
- · reduces rigidity and tremors
- infrequent adverse reactions
- · versatile available in 2 mg. tablets and injectable
- can be used concomitantly with other anti-parkinson drugs

AKINETON" (biperiden hydrochloride) Tablets

Contraindications: The only known contraindication is sensitivity to Akineton hydrochloride. Warnings: Isolated instances of mental confusion, euphoria, agitation and disturbed behavior have been reported in susceptible patients.

Precautions: Caution should be observed in patients with manifest

glaucoma, though no prohibitive rise in intraocular pressure has been noted following either oral or parenteral administration. Patients with prostatism or cardiac arrhythmia should be given this drug with caution. Occasionally, drowsiness may occur.

Adverse reactions: Adverse reactions encountered are primarily dry mouth and blurred vision. These side effects are usually slight and can be overcome by judicious reduction of dosage. If gastric irritation occurs, it can be avoided by administering during or after meals.

Dosage and Administration: Doses required to achieve the therapeutic goal are variable and must be individually and gradually adjusted.

Parkinson's disease: 1 tablet, 2 mg. three or four times daily. Drug-induced extrapyramidal disorders: 1 tablet, 2 mg. one to three times daily.

How Supplied:

Akineton hydrochloride tablets, 2 mg. each, bisected – bottles of 100 and 1000.

In epilepsy Tegretol

provides control of seizures and alleviation of personality disorders

- References

 1 Livingston, S. F.: Comprehensive Management of Epilepsy in Infancy, Childhood and Adolescence, Charles C. Thomas, 1972.

 2 Rodin, E. A., Rim, G. S., and Rennick, P.: Abstract from Program of the American Epilepsy Society Annual Meeting (Dec. 6) 1973, N.Y.

 3 Livingston, S. F., et al: Carbamazepine (Tegretol) in Epilepsy Nine Year Follow-up Study with Special Emphasis on Untoward Reactions, Dis. Nerv. System 35:103-107 (March) 1974.

Brief Prescribing Information Tegretol® 200 mg

Anticonvulsant Properties

Properties
Tegretol has a proven anticonvulsant effect. In addition,
Tegretol also has a distinct psychotropic effect, improving
the mood and relieving irritability of the epileptic patient
with associated behavioral or personality disturbances.
Tegretol relieves or diminishes the pain associated with
trigeninal neuralgia, usually within 24 - 48 hours.
Indications trigeminal r Indications

Epilepsy
 Temporal lobe (psychomotor) epilepsy, and as an adjunct in secondary epilepsy or partial epilepsy with complex symptoms or secondarily generalized seizures.

 Neuralgia
 Trigeminal neuralgia (tic douloureux), glossopharyngeal

Ingerman neuralgia (tic douloureux), glossopharyng neuralgia.

Dosage
A gradual increasing schedule is recommended with adjustment to suit the needs of the individual. When Tegretol is added to, or substituted for, existing anticonvulsant therapy, the dosage of the other drugs(s) should be gradually reduced.

Epilepsy

should be gradually reduced. Epilepsy Initially ½ - 1 tablet (100 mg - 200 mg) twice daily increasing over a period of 4 - 6 days until optimal control is achieved (usually with 3 tablets daily). Trigeminal Neuralgia Initially - 200 mg daily in divided doses of 100 mg (½ tablet), increasing by 200 mg (1 tablet) daily until pain relief is obtained. Dosage in excess of 1200 mg (6 tablets) daily is not recommended.

All patients should be maintained on the minimum effective dose.

Adverse Reactions

Adverse Reactions
Most frequently reported are: drowsiness, disturbances of accommodation, vertigo, dizziness and gastrointestinal disturbances. They usually occur only during initial phase of therapy and can be minimized, if not prevented, by starting treatment at a low dosage. Although rare, effects on the blood forming elements, skin, genitourinary and circulatory system have been reported. The most serious adverse reactions which may require discontinuation of therapy are the haematological including blood dyscrasias, the hepatic including jaundice, the dermatological, the neurological, the cardiovascular, the genito-urinary, the digestive, and the ocular. Miscellaneous including fever and chills, lymphadenopathy aching joints and muscles, leg cramps and conjunctivitis.

Precautions

Careful clinical and laboratory supervision should be

Precautions
Careful clinical and laboratory supervision should be instituted prior to and maintained throughout treatment. Caution should be observed while treating patients with increased ocular pressure or urinary retention and also in patients with a history of coronary artery disease, organic heart disease or congestive failure. There is a possibility of agitation and confusion in the elderly or activating a latent psychosis.

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Contraindications

Concomitant use of monoamine oxidase inhibitors (two weeks should elapse before Tegretol is prescribed for patients who have received MAOI drugs), first trimester of pregnancy, nursing mothers, patients with a history of hepatic disease or serious blood disorder, or known sensitivity to any tricyclic compound. Tegretol should not be given to women of child-bearing potential unless, in the opinion of the physician, the expected benefits to the patient outweigh the possible risk to the foetus.

Warnings

opinion of the physician, are expected sections to an patient outweigh the possible risk to the foetus. Warnings
Although reported infrequently, serious adverse effects have been observed during the use of Tegretol. Agranulocytosis and aplastic anemia have occurred in a few instances with a fatal outcome. Leucopenia, thromboregulation of the state of the



IVth INTERNATIONAL CONGRESS ON NEUROMUSCULAR DISEASES

tific Program will consist of symposia, free communications, work shops and poster presentations. Attractive social events are

Information may be requested from the Secretariat of the Congress, 3587 University

Street, Montreal, Quebec, Canada.

The IVth International Congress Neuromuscular Diseases will be held in Montreal, Canada from Sunday 17th to Thursday 21st, September, 1978. The Scien-

also planned.



for the management of Parkinson's syndrome



(Not related to levodopa or anticholinergic

* Fast onset of action

(Usually effective within 1 week in contrast to



(Either initiated concurrently or added to levodopa. Additional benefit may result — such as smoothing out of fluctuations in performance which sometimes occur when levodopa is administered alone. When the levodopa dose must be reduced because of side effects, the addition of Symmetrel may result in better control of Parkinson's syndrome than is possible with levodopa alone.)



Effective with other anticholinergic antiparkinson drugs

(When these drugs, e.g. benztropine mesylate, provide only marginal benefits, Symmetrel used concomitantly may provide the same degree of control of Parkinson's syndrome, often with a lower dose of anticholinergic medication, and a possible reduction in anticholinergic side effects.)



(Lessening of Parkinsonian symptomatology usually evident within one week in responsive patients.)

CONTRAINDICATIONS "Symmetrel" is contraindicated in patients with

WARNINGS Patients with a history of epilepsy or other "seizures" should be observed closely for possible untoward central nervous system effects. Patients with a history of congestive heart failure or peripheral edema should be followed closely as there are patients who developed congestive heart failure while receiving "Symmetrel" (amantadine HCI)

receiving "Symmetrie" (amantatine HCI) Safety of use in pregnancy has not been established. Therefore, "Symmetrel" should not be used in women with childbearing potential, unless in the opinion of the physi-cian, the expected benefit to the patient outweighs the possible risks to the fetus (see Toxicology-Effects on Reproduction).

Since the drug is secreted in the milk, "Symmetrel" should not be administered to nursing mothers.

PRECAUTIONS The dose of "Symmetrel" may need careful adjustment in patients with renal impairment, congestive heart failure, peripheral edema, or orthostatic hypotensions Since "Symmetrel" is not metabolized and is mainly excreted in the urine, it may accumulate when renal function is inadequate.

Care should be exercised when administering "Symmetrel" to patients with liver disease, a history of recurrent eczematoid rash, or to patients with psychosis or severe psychoneurosis not controlled by chemotherapeutic agents. Careful observation is required when "Symmetrel" is administered concurrently with central nervous system stimulants.

Patients with Parkinson's syndrome improving on "Symmetrel" should resume normal activities gradually and cautiously, consistent with other medical considera-tions, such as the presence of osteoporosis or phébothrombosis

Patients receiving "Symmetref" (amantaine HCI) who note central nervous system effects of blurring of vision should be cautioned against driving or working in situations where alertness is important.

"Symmetrel" (amantadine HCl) should not be discontinued abruptly since a few patients with Parkinson's syndrome experienced a Parkinsonian crisis, i.e., sudden marked clinical deterioration, when this medication was suddenly stopped. The dose of anticholinergic drugs or of "Symmetrel" should be reduced if atropine-like effects appear when these drugs are used concurrently.

ADVERSE REACTIONS Adverse reactions reported below have occurred in patients while receiving "Symmetrel" (amantadine HCI) alone or in combination

The more important adverse reactions are orthostatic hypotensive episodes, congestive heart failure, depression, psychosis and urinary retention, and rarely confusion, reversible leukopenia and neutropenia, and abnormal liver function test results Sion, reversible eukopenia and neutropenia, and abnormal invert function less results. Other adverse reactions of less importance which have been observed are: anoxiety, ataxia, confusion, hallucinations, constigation, dizziness (lightheadedness), dry mouth, headache, insomnia, livedo reticularis, nausea, peripheral edema, drowsiness, dyspnea, fatigue, hyperkinesia, irritability, nightmares, rash, slurred speech, visual disturbance, vomiting and weakness, and very rarely eczematoid dermatitis and oculogyric episodes.

Some side effects were transient and disappeared even with continued administration of the drug.

DOSAGE AND ADMINISTRATION The initial dose of "Symmetrel" is 100 mg daily for patients with serious associated medical illnesses or who are receiving high doses of other antiparkinson drugs. After one to several weeks at 100 mg once daily, the dose may be increased to 100 mg rivince daily. When "Symmetrel" and levodopa are initiated concurrently, "Symmetrel" should be held constant at 100 mg daily or twice daily while the daily dose of levodopa is gradually increased to optimal dose. When used alone, the usual dose of "Symmetrel" is 100 mg twice a day.

Patients whose responses are not optimal with "Symmetrel" (amantadine HCI) at 200 mg daily may benefit from an increase to 300 mg daily in divided doses. Patients Patients whose responses are not optimal with "Symmetre! (amantagine PU!) at 200 mg daily may benefit from an increase to 300 mg daily in divided dosse. Patients who experience a fall-off of effectiveness may regain benefit by increasing the dose to 300 mg daily, such patients should be supervised closely by their physicians.

DOSAGE FORMS CAPSULES: (bottles of 100) - each red, soft gelatin capsule contains 100 mg of amantadine HCI

Product monograph, with complete references, available upon request





Subsidiary of E.I. du Pont de Nemours & Co. (Inc.)

In epilepsy*

Tegreto

provides control of seizures and alleviation of personality disorders.

The drug
of choice for
patients with
psychomotor
(Temporal
Lobe)
Epilepsy'

Reliable control for patients who are refractory to treatment with other anticonvulsants²

Improved compatibility for patients with excessive sedation or Hyperplasia of Gingival Mucosa due to other agents³

For Full Prescribing Information See Page x

Geigy Dorval, P.Q. H9S 1B1 Complete information available from Geigy or through your Geigy representative

See indications, brief prescribing information