

**Tropium Chlordiazepoxide B P : 'turns' the emotional and behavioural effects of anxiety and stress to normality.**

**Contributors**

DDSA Pharmaceuticals

**Publication/Creation**

[between 1960 and 1969?]

**Persistent URL**

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**wellcome  
collection**

Wellcome Collection  
183 Euston Road  
London NW1 2BE UK  
T +44 (0)20 7611 8722  
E [library@wellcomecollection.org](mailto:library@wellcomecollection.org)  
<https://wellcomecollection.org>





# Tropium

Chlordiazepoxide B P

'turns' the emotional and behavioural effects of anxiety and stress to normality

The psychotropic effect of Tropium restores the disturbed functional balance of the emotional centres in the limbic system – without loss of alertness.

Tropium combines quality with dependability – all dosage forms and the contained drug are manufactured in the United Kingdom.



When looked at steadily  
the black shapes of the devils  
are replaced by the  
white shapes of the angels.  
in this Escher woodcut  
"Circle Limit IV (Heaven and Hell)"

The psychotropic action of **Tropium**  
also turns the patient's mood of  
anxiety and tension to calmness and relaxation.

M C Escher Woodcut Circle Limit IV. The Escher Foundation, Haags Gemeentemuseum, The Hague.



# Tropium

## Active ingredient:

chlordiazepoxide hydrochloride BP

## Indications

Anxiety and tension states  
Mild depression  
Psychogenic and organic illness with associated physical tension, anxiety or agitation.  
Insomnia accompanying anxiety  
Alcoholism  
Tension headache  
Musculo skeletal disorders associated with emotional disturbance.  
As a sedative for pre-anaesthetic medication.  
Pre-dental apprehension.

## Dosage

Adults: Initially 30 mg. daily in divided doses for mild anxiety states. In severe anxiety states up to 100 mg. daily in divided doses according to the clinical condition and response of the patient.

In elderly and debilitated patients the dosage is reduced to 5 to 20 mg. As a sedative for pre-anaesthetic medication a dose of 50 mg. may be given on the evening before operation and this dose may be repeated the following morning about two hours before operation.

In pre-dental apprehension 5 to 10 mg. 3 or 4 times on the day preceding dental procedures and a further 10 mg. two hours before the appointment.

Children: The dose varies from 5 to 20 mg. daily in divided doses depending on age and weight. The use of the drug for children under 12 years of age is not recommended.

## General Properties

Tropium is a tranquilising drug which relieves nervous tension and anxiety states. The drug also has muscle relaxing properties. It acts on the limbic system particularly the hypothalamous and amygdala turning

the emotional and behavioural effects of anxiety and stress to normality with minimal loss of alertness.

Tropium is particularly useful in acute anxiety states with evidence of depression and anxiety accompanying obsessional compulsive states (both with and without depression). Tropium is pre-eminently indicated in chronic physical illness of a "psychosomatic" nature where anxiety is assumed to play a causal role or accompanies the physical illness, as in peptic ulcer, angina, hypertension, premenstrual tension, migraine, chronic backache and headache.

Tropium is effective in relieving the acute symptoms of the alcohol withdrawal syndrome (e.g. agitation and delirium tremens).

Tropium may be used for the relief of musculoskeletal disorders associated with emotional disturbances.

Tropium is effective in those conditions where tranquility is considered an adjunct to recovery, notably during a threatened miscarriage or after acute coronary occlusion.

## Contraindications

Patients with known sensitivity to chlordiazepoxide. Patients being treated with monoamine-oxidase inhibitors or the phenothiazine group of drugs should not at the same time receive chlordiazepoxide therapy. Likewise, combined therapy with other psychotropic drugs should be avoided. Concomitant treatment with barbiturates and other CNS depressants.

## Precautions

Patients receiving treatment should be warned against the dangers of taking alcohol, barbiturates and other CNS depressants and should exercise great care when handling mechanical equipment and driving motorised vehicles. During protracted therapy blood counts and liver function tests should be checked at intervals. Very

rarely the blood coagulation time may be altered in patients receiving anti-coagulant therapy.

Even though no evidence of teratogenic effects has been reported it is not advisable that Tropium be used in pregnancy and lactation. The possible hazards of the drug in pregnancy should always be weighed against its potential benefits.

## Side-effects

Drowsiness, ataxia and confusion may occur particularly with high doses or in debilitated and elderly patients. Infrequently skin eruptions, nausea, constipation and menstrual irregularities. Very rarely agranulocytosis, hepatic dysfunction and jaundice. Long term administration of large doses may result in the development of tolerance and physical dependence.

## Legal Status

Tropium is included in Part 1 of the Poisons List and Schedule 4B of the Poisons Rules.

## Recognition

Capsules 5 mg. (two-tone yellow/black), 10 mg. (two-tone green/white). Tablets 5 mg., 10 mg. and 25 mg. (pale green). All dosage forms overprinted DDSA.

## Pack sizes and prices

Pack size	Basic NHS cost:
100 tablets 5mg	£0.60
500 tablets 5mg	£2.45
100 tablets 10mg	£0.75
500 tablets 10mg	£3.50
100 tablets 25mg	£1.60
100 capsules 5mg	£0.65
500 capsules 5mg	£2.65
100 capsules 10mg	£0.80
500 capsules 10mg	£3.75

Tropium is the trade mark applied to pharmaceutical presentations containing chlordiazepoxide hydrochloride BP. manufactured by: **DDSA Pharmaceuticals**, 310 Old Brompton Road, London, S.W.5.