# Contributors

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# Ventolin (salbutamol sulphate BP)

## TABLETS-2mg and 4mg SPANDETS, SYRUP

## Oral bronchodilator therapy in chronic obstructive airways disease

### PRESENTATIONS AND BASIC NHS COSTS

Ventolin Tablets Zing and 4mg each contain Zing or 4mg of salbutamol BP (as sulphate) in containers of 100 and 500. Basic NHS cost of 100 tablets of 2mg and 4mg is £1:55 and £2:97 respectively. PL 0045/5079 and 0045/0088. Ventolin Syrup contains Zing salbutamol BP (as sulphate) per 5ml in bottles of 150ml and 2 lites. Basic NHS cost of 150ml is 89p. PL 0045/5024. Ventolin Spandets are slow release tablets, each containing 8mg salbutamol BP (as sulphate) in containers of 50. Basic NHS cost of 50 Spandets is £3:95. PL 0045/0083.

### INDICATIONS

INDICATIONS All Ventolin preparations are indicated for the symptomatic relief of reversible airways obstruction in bronchial asthma, bronchitis and emphysema. Ventolin Tablets and Syrup are suitable for routine therapy with the syrup being preferable for children and for elderly patients who experience difficulty in swallowing tablets. Ventolin Spandets should be preferred for patients with nocturnal or early morning bronchospasm.

### DOSAGE AND ADMINISTRATION

DOSAGE AND ADMINISTRATION Ventolin Tablets Zmg and 4mg and Ventolin Syrup. The usual dosage for adults is 4mg 3 or 4 times daily, but if the response is inadequate this dosage may be doubled. In some patients a dosage regimen of 2mg 3 or 4 times daily has been found to be adequate. In elderly patients and those known to be sensitive to advenergic-stimulant drugs it is advisable to initiate treatment with Zmg 3 or 4 times daily. In children treatment should start with half the adult dosage. Ventolin Spandets are usually administered to adult as one Spandet should be given twice daily tu pt o4 Spandets may be given per 24 hours. In children over 12 years of age 1 Spandet should be given twice daily. Ventolin Spandets should be swallowed whole and not cheved.

CONTRA-INDICATIONS Although oral Ventolin is used in the management of premature labour, it should not be given to treat threatened abortion in the first or second trimesters of pregnancy. Ventolin oral preparations and beta-blocking drugs, such as propranolol should not usually be prescribed together.

PRECAUTIONS Ventolin should be administered cautiously to patients suffering from thyrotoxicosis. Unnecessary administration of drugs during the first timester of pregnancy is undesitable. Long-term treatment with Ventolin Syrup increases the risk of dental caries and it is essential that adequate dental hygiene is maintained.

adequate dental hygiene is mainained. SIDE EFFECTS The only side effect of significance with oral Ventolin is a fine tremor of skeletal muscle which occurs in some patients; usually the hands are most obviously affected. This effect is dose related and is common to all beta-adrenergic stimulants. A few patients feel tense; this is also due to the effects on skeletal muscle and not to direct CNS stimulation. With doses of Ventolin higher than those recommended or in patients who are unusually sensitive to beta-adrenergic stimulants, peripheral vasodilatation and a compensatory small increase in heart rate may occur. Occasional headaches have been reported.

## SELECTED BIRDS OF BRITAIN

## RINGED DOTTEREL (PLOVER) Charadrius hiaticula

The Ringed Plover resides and breeds mainly on our coasts, although during winter it often moves inland to feed on lochs, rivers and floodwater, and some nest by fresh-water sites. Although a common shore bird, numbers have been reduced as man destroys their habitat. The typical plover feeding techniques of running and pausing are displayed. Food, consisting of crustaceans, molluscs, worms and various insects, is driven to the surface by tapping the ground with one foot. The call 'too-ie too-ie' is familiar to those who walk along the coast. During courtship the male raises and fans his tail and calls; he may rise into a display flight. A scrape is made on bare ground, with a lining of pebbles, shells or rough grass. 3-4 buff, speckled with dark brown, eggs are produced, well camouflaged from marauding gulls. Both sexes are similar in appearance. A length of  $7\frac{1}{2}$  inches (19 cm) is attained.

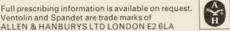
(Illustration from "A History of British Birds" by F. O. Morris)

### FURTHER INFORMATION

Ventolin does not cause difficulty in micturition because, unlike sympathomimetic drugs such as ephedrine, it does not stimulate alpha-adrenoceptors. Ventolin is not contra-indicated in patients under treatment with monoamine oxidase inhibitors (MAOIs). LEGAL CATEGORY

POM

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Ventolin and Spandet are trade marks of ALLEN & HANBURYS LTD LONDON E2 6LA

