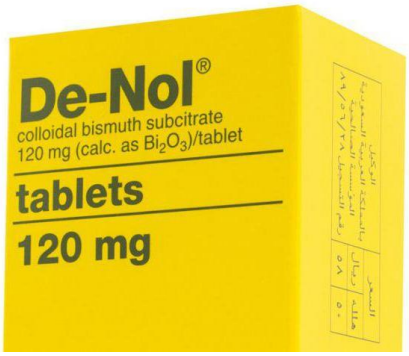
FACT SHEET DENOL



What is denol and what are its medical uses?

Denol is an antiulcer drug. It acts both by protecting the mucosa of the stomach and by acting against a bacterium considered responsible for the formation of peptic ulcer.

What are the adverse effects ?

In addition to the beneficial effects, each drug can have some side adverse effects. This drug is generally well tolerated; sometimes, however, adverse effects such as nausea, headache, abdominal pain, dizziness, vomit may occur. The fecal matter may get darker or black, but this is not a sign of damage to the intestine. Report to a doctor.

You also should know that…

The ulcer may reappear as a consequence of thee interruption of the administration of this drug. Food interferes with the action of this medication which therefore should be taken on an empty stomach.It's very important not to smoke while taking this drug. Bismuth is a chemical element that is not abundant in nature.

An outline of the history

Bismuth is known from the times of the first alchemists who considered it to be a compound or a form of lead; only in the XVIII century it was recognized with certainty as an element in its own right.

Form

It is a shiny gray-reddish metal, hard and fragile, with a rather low thermal and electrical conductivity : it's one of the few substances which, just like water, at the melting temperature it has point temperature a specific volume higher than it's solid state of that presented in the liquid state just like water, at the melting point it has a specific volume higher at its solid state than at its liquid state.

bismuth: compounds

The bismuth, unlike the other elements of the V group it is more similar to metals, has a decidedly metallic behavior, and its oxides are basic; in its stable compounds it has the oxidation state +3, while the +5 state corresponds to poorly stable compounds.

Use of bismuth

Bismuth is a metal widely used as a main component in alloys with a low melting point with lead, tin and cadmium, used in fire safety devices, electric fuses, etc. As a secondary component it can be used in small quantities (less than 0.5%) in steels and aluminum alloys to improve their workability. Bismuth alloys with tin and cadmium and interrnetallic compounds with selenium and tellurium find applications in thermoelectric and electronic devices, while some bismuth compounds are used as catalysts for some organic reactions (for example in the synthesis of acrylonitrile).

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