

Abstract

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Title of diploma thesis: Natural drugs in the treatment of productive cough

Cough is a physiological defensive reflex and it is also a symptom of many acute or chronic diseases. Cough can be categorized as dry irritant or productive. Productive cough can be treated by conventional drugs and medicinal plants. Medicinal plants contain various types of chemicals and some of them have expectorant properties. Chemical constituents are commonly members of saponin, flavonoid or essential oil groups. This diploma thesis presents summary of the most important results and information from literature, pharmacological experiments and clinical studies confirming their efficiency. Some of the articles provide explanation of mechanism of action of the chemicals with expectorant properties. Other effects of these plants may also contribute to the therapeutic effect.