

# **HYPERSENSITIVITY TO DRUG EXCIPIENTS. LITERATURE REVIEW**

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**Abstract.** The article is devoted to an actual problem — the diagnosis of hypersensitivity to excipients that are the part of medicines. Hypersensitivity to drugs, the frequency of which is constantly increasing throughout the world, traditionally remains an important multidisciplinary problem in medicine. Any drug under certain conditions can cause the development of hypersensitivity reactions. More often, antibiotics, muscle relaxants, anesthetics, non-steroid anti-inflammatory drugs, acetaminophen, radiocontrast substances, vaccines, sera, biological preparations, etc. are considered as its etiological factors. But at the same time, attention is rarely paid to the possibility of developing hypersensitivity to excipients that are the part of almost all drugs. This publication considers the possibility of causing the development of drug allergies for such excipients as allergenic molecules of cow's milk, chicken eggs, cereals, fish, soy lecithin, lactose, gelatin, lactic acid, vegetable oils, yeast proteins, probiotics, carboxymethylcellulose, polyethylene glycols, their derivatives and etc. Based on the analysis of numerous literature data, the authors conclude that the development of allergy to drug excipients is less common than their intolerance, which does not involve immunological mechanisms; clinical manifestations of hypersensitivity to excipients can range from mild skin, ocular and respiratory symptoms to life-threatening anaphylaxis; it is rather difficult to prove the role of excipients in the development of adverse reactions to drugs and food products, therefore, allergologic diagnosis in such cases is based on the use of data from an allergological history, skin, provocative and laboratory research methods, a significant part of which is not validated, insufficiently informative or not developed at all and is inaccessible to practical doctors of Ukraine; and the problem of hypersensitivity to drug excipients requires further investigation.

**Key words:** excipientsdrugs, hypersensitivity, diagnostics.

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