

METAL FEVER

V. S. Tkachyshyn

Abstract

Metal fever syndrome has been characterized in general in current review. When casting some metals, workers may develop a peculiar symptoms complex, which is primarily characterized by the appearance of significant hyperthermia — metal fever. Synonyms are “foundry”, “zinc” or “teflon” fever.

In this case, metal fever should be considered as a manifestation of a non-specific effect of metal.

Foundry fever takes the form of an acute attack that has three periods. It is due to the effect of a highly dispersed aerosol of molten metals with a particle size of less than one micron on the respiratory tract.

A distinction is made between the latent, prodromal period and the actual fever (true fever).

In general, attacks of metal fever have a mild course, but the development of complications in the form of focal pneumonia or toxic pulmonary edema is possible.

Treatment of the disease is symptomatic.

Key words: metal fever, metal casting, acute course, treatment.

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Volodymyr S. Tkachyshyn

Bogomolets National Medical University

Department of Internal Medicine № 4

Professor of the Department

4a, st. Pidvysotskogo, Kyiv, 01103, Ukraine

Phone: +38097-255-14-72, tkachishin@i.ua