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REVUE GÉNÉRALE

Physiopathologie du syndrome d'hypersensibilité chimique multiple

Pathophysiology of multiple chemical sensitivity

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MOTS CLÉS

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Physiopathologie ;
Asthme ;
Allergie

KEYWORDS

Multiple chemical
sensitivity ;
Chemical pollutant ;
Pathophysiology ;
Asthma ;
Allergy

Résumé

Introduction et état des connaissances. — Entité clinique complexe, le syndrome d'hypersensibilité chimique multiple (SHCM) regroupe un grand nombre de symptômes non spécifiques associés chez chaque patient d'une manière univoque et déclenchés par l'exposition à diverses substances chimiques pour de faibles concentrations, bien inférieures à celles connues pour provoquer des effets toxiques. Cependant, aucun test objectif ne permet de diagnostiquer ce syndrome. Une des principales raisons est que la physiopathologie est encore mal connue. En revanche, de nombreuses hypothèses explicatives sont proposées. **Perspectives et conclusions.** — Les patients présentant des tableaux cliniques évocateurs de SHCM sont rencontrés de plus en plus souvent dans les consultations de pneumologie. Leur souffrance est indéniable, mais malheureusement, l'absence de compréhension des mécanismes physiopathologiques mis en jeu rend leur traitement difficile et empirique.
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Summary

Introduction and background. — Multiple chemical sensitivity (MCS) is a complex clinical entity that includes a large number of non-specific symptoms, associated in a univocal manner in each patient and triggered by exposure to various chemicals at low concentrations, well below those known to cause toxic effects. However, no objective test exists currently to diagnose this syndrome. One of the main reasons is that the pathophysiology is poorly understood. However, many explanatory hypotheses have been proposed.

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