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REVUE GÉNÉRALE

## Physiopathologie du syndrome d'hypersensibilité chimique multiple

Pathophysiology of multiple chemical sensitivity

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### MOTS CLÉS

Syndrome  
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Polluant chimique ;  
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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# Hypersensibiliteacute Chimique Multiple

**Léo Pomar**

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**Hypersensibiliteacute Chimique Multiple:**

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### Table of Contents **Hypersensibiliteacute Chimique Multiple**

1. Understanding the eBook **Hypersensibiliteacute Chimique Multiple**
  - The Rise of Digital Reading **Hypersensibiliteacute Chimique Multiple**
  - Advantages of eBooks Over Traditional Books
2. Identifying **Hypersensibiliteacute Chimique Multiple**
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an **Hypersensibiliteacute Chimique Multiple**
  - User-Friendly Interface
4. Exploring eBook Recommendations from **Hypersensibiliteacute Chimique Multiple**
  - Personalized Recommendations
  - **Hypersensibiliteacute Chimique Multiple** User Reviews and Ratings
  - **Hypersensibiliteacute Chimique Multiple** and Bestseller Lists

5. Accessing Hypersensibiliteacute Chimique Multiple Free and Paid eBooks
  - Hypersensibiliteacute Chimique Multiple Public Domain eBooks
  - Hypersensibiliteacute Chimique Multiple eBook Subscription Services
  - Hypersensibiliteacute Chimique Multiple Budget-Friendly Options
6. Navigating Hypersensibiliteacute Chimique Multiple eBook Formats
  - ePub, PDF, MOBI, and More
  - Hypersensibiliteacute Chimique Multiple Compatibility with Devices
  - Hypersensibiliteacute Chimique Multiple Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Hypersensibiliteacute Chimique Multiple
  - Highlighting and Note-Taking Hypersensibiliteacute Chimique Multiple
  - Interactive Elements Hypersensibiliteacute Chimique Multiple
8. Staying Engaged with Hypersensibiliteacute Chimique Multiple
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Hypersensibiliteacute Chimique Multiple
9. Balancing eBooks and Physical Books Hypersensibiliteacute Chimique Multiple
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Hypersensibiliteacute Chimique Multiple
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Hypersensibiliteacute Chimique Multiple
  - Setting Reading Goals Hypersensibiliteacute Chimique Multiple
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Hypersensibiliteacute Chimique Multiple
  - Fact-Checking eBook Content of Hypersensibiliteacute Chimique Multiple
  - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

### 14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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