

XOLAIR CSU - mode of action - HCP

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Image



Image



Xolair® (omalizumab) mode of action

Indications:¹

Xolair is indicated as add-on therapy for the treatment of chronic spontaneous urticaria (CSU) in adult and adolescent (12 years and above) patients with inadequate response to H1 antihistamine treatment.

The recommended dose of Xolair in patients with chronic spontaneous urticaria is 300 mg by subcutaneous injection every four weeks.¹

Please refer to the Xolair Summary of Product Characteristics (SmPC) for the full therapeutic indication.¹

The mode of action for Xolair in CSU

Xolair directly targets and binds to IgE,¹⁻³ preventing histamine release.^{2,3}

- Xolair binds to free IgE, preventing it from binding to the FcεRI on mast cells and basophils and results in downregulation of FcεRI on these cells^{1,3}
- The exact mechanism of action of Xolair in the treatment of CSU is uncertain, and changes in symptoms are likely due to a combination of mechanisms^{1,3,4}

Watch this short mechanism of action video to understand more how Xolair is used in the treatment of CSU.



VIDEO

CSU, chronic spontaneous urticaria; FcεRI, high-affinity IgE receptor; IgE, immunoglobulin E; SmPC, summary of product characteristics.

References

1. Xolair® (omalizumab) Summary of Product Characteristics.
2. Chang TW, et al. *J Allergy Clin Immunol* 2015;135(2):337–342.
3. Kaplan AP, et al. *Allergy* 2017;72(4):519–533.
4. Kocatürk G, et al. *Turkderm-Turk Arch Dermatol Venereol* 2018;52:112–119.



Xolair® (omalizumab) efficacy

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Xolair® (omalizumab) safety profile

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UK | March 2025 | FA-11360033

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