New data reveals 9 in 10 people prefer EURneffy, a needle-free nasal adrenaline spray, over auto-injectors

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ALK presents new findings that directly compare user preference between needle-free nasal and injectable adrenaline treatments for anaphylaxis, demonstrating that 88% of participants prefer EUR*neffy*® —the first and only approved needle-free adrenaline-based product—over traditional adrenaline auto-injectors.[i,ii]

The late-breaking data, presented at the 2026 American Academy of Allergy, Asthma & Immunology (AAAAI) Annual Meeting in Philadelphia, PA, United States, suggest EUR*neffy*® has the potential to address persistent practical and psychological barriers that limit consistent auto-injector availability and usage, leaving many patients without life-saving medication when they need it most. Research shows that approximately half of those living with a severe allergy did not administer their auto-injector when needed in an emergency[iii] and half did not consistently carry their prescribed auto-injector.[3]

In this randomised crossover study of 90 participants, 88% significantly preferred EUR*neffy*® over auto-injectors.[1,2] This preference was consistent among participants with and without previous experience of severe allergies or auto-injectors,[2] indicating that device familiarity alone did not drive patient preference. It was mainly driven by how easy it is to carry and use, the absence of a needle, the device being less stigmatising due to its look and feel, and the belief that it would be easier to administer with the help of bystanders if needed.[2]

“These data offer robust insights into user preferences, showing a consistent preference for EUR *neffy*® over auto-injectors, even in participants with years of auto-injector experience,” said Dr Douglas P. Mack, lead author and pediatric allergy, asthma and immunology specialist, Halton Pediatric Allergy, Ontario, Canada and assistant clinical professor, McMaster University, Ontario, Canada. “By reducing everyday challenges to carrying and using adrenaline, EUR*neffy*® needle-free nasal adrenaline spray may help people with life-threatening allergies feel more confident and prepared to act quickly in an emergency. These findings underscore the need for clinicians and payers to expand treatment choices to help improve readiness, confidence, and ultimately quality of life for those living with a constant risk of anaphylaxis.”

Additional findings from the study showed that participants found EUR*neffy*® to be significantly easier to carry and more likely to be kept on-person consistently.[iv,v] Out of ten statements addressing well-documented barriers to carrying adrenaline, participants rated all more favourably for EUR*neffy*® than for auto-injectors. The key advantages noted by 98–100% of participants included its size, weight and temperature flexibility, and 93% agreed that they could bring it in all daily situations, compared with 43% for auto-injectors.[4,5]

“These findings show that being familiar with a device doesn’t necessarily mean people feel confident using it in real life – or comfortable carrying it day to day,” said Sarah Lacquiere, co-author and associate director global adrenaline partnerships, global anaphylaxis business unit at ALK. “Most participants, whether they already carried an adrenaline auto-injector or not, preferred EUR*neffy*® and rated it as significantly easier to take with them. This reinforces the close link between confidence, engagement and everyday carriage, and highlights how important it is for clinicians to consider portability when discussing adrenaline options with people living with severe allergies.”

The data presented at AAAAI 2026 represent the first insights from this EUR*neffy*® user study, with additional results planned to be presented at future congresses across the remainder of 2026 and beyond.

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About EURneffy®

EURneffy® is well absorbed through the nose and distributed quickly into body tissues, offering a portable, pocket-sized alternative to injectable forms of adrenaline for treating severe allergic reactions.[vi,vii] EURneffy® has a 30-month total shelf life, no special storage requirements and freezing does not affect its shelf life.[6] Upon activation, the EURneffy® nasal spray delivers a full, single dose of adrenaline, without the need for priming.[6]

In the United States (US), Japan and China, EURneffy® 2 mg is approved under the brand name neffy®. In 2025, the US Food and Drug Administration (FDA) approved neffy® 1 mg for the treatment of Type I allergic reactions, including anaphylaxis, in children who are aged ≥4 years and weigh 15–30 kg, and Japan’s Pharmaceuticals and Medical Devices Agency (PMDA) approved neffy ® 1 mg and 2 mg doses for the emergency treatment of allergic reactions (anaphylaxis) in adults and children who weigh ≥15 kg.[viii,ix] EURneffy®/neffy® 2 mg has also been approved by the UK’s Medicines and Healthcare Products Regulatory Agency (MHRA) and China’s National Medical Products Administration (NMPA).[x,xi] In the European Union, EURneffy® 2 mg was approved in August 2024 for the emergency treatment of anaphylaxis in adults and children who weigh ≥30 kg.[6,xii] In January 2026, EURneffy® 1 mg received a positive opinion from the Committee

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[i]. Mack D, et al. *J Allergy Clin Immunol.* 2026;157(2): Abstract L69.

[ii]. Mack D, et al. *Expanding Patient Choice in Anaphylaxis Management - User Preference Between Epinephrine Autoinjectors and Nasal Delivery*. Poster presented at the 2026 American Academy of Allergy, Asthma & Immunology Annual Meeting (AAAAI); 27 February–2 March 2026; Philadelphia, PA, US. L69.

[iii]. Warren CM, et al. *Ann Allergy Asthma Immunol*. 2018;121(4):479–489.e2.

[iv]. Mack D, et al. *J Allergy Clin Immunol.* 2026;157(2): Abstract L70.

[v]. Mack D, et al. *Making Epinephrine More Portable – Insights into Device Carriage and Preference*. Poster presented at the 2026 American Academy of Allergy, Asthma & Immunology Annual Meeting (AAAAI); 27 February–2 March 2026; Philadelphia, PA, US. L70.

[vi]. EMA. *EURneffy®* [online]. 27 March 2025. Available from: https://www.ema.europa.eu/en/medicines/human/EPAR/eurneffy [Last accessed: February 2026].

[vii]. Casale TB, et al. *J Allergy Clin Immunol*. 2023;152(6):1587–1596.

[viii]. ARS Pharmaceuticals. *ARS Pharmaceuticals Announces FDA Approval of neffy® 1 mg (epinephrine nasal spray) for Type I Allergic Reactions, Including Anaphylaxis, in Pediatric Patients Weighing 15 to < 30 Kilograms* [online] 5 March 2025. Available from: https://ir.ars-pharma.com/news-releases/news-release-details/ars-pharmaceuticals-announces-fda-approval-neffyr-1-mg [Last accessed: February 2026].

[ix]. ARS Pharmaceuticals. *neffy® (epinephrine nasal spray) Approved in Japan as the First and Only Needle-Free Emergency Treatment of Allergic Reactions (anaphylaxis)* [online] 19 September 2025. Available from: https://ir.ars-pharma.com/news-releases/news-release-details/neffyr-epinephrine-nasal-spray-approved-japan-first-and-only [Last accessed: February 2026].

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[xi]. ARS Pharmaceuticals. *neffy® (epinephrine nasal spray) Approved in China as the First and Only Community Use Epinephrine Product for the Treatment of Allergic Reactions (anaphylaxis)* [online] 29 December 2025. Available from: https://ir.ars-pharma.com/news-releases/news-release-details/neffyr-epinephrine-nasal-spray-approved-china-first-and-only [Last accessed: February 2026].

[xii]. EUR*neffy®* Summary of Product Characteristics.

Attachment

- ALK AAAAI user study press release_final