Attack-free probability modeling of garadacimab long-term prophylaxis for hereditary angioedema

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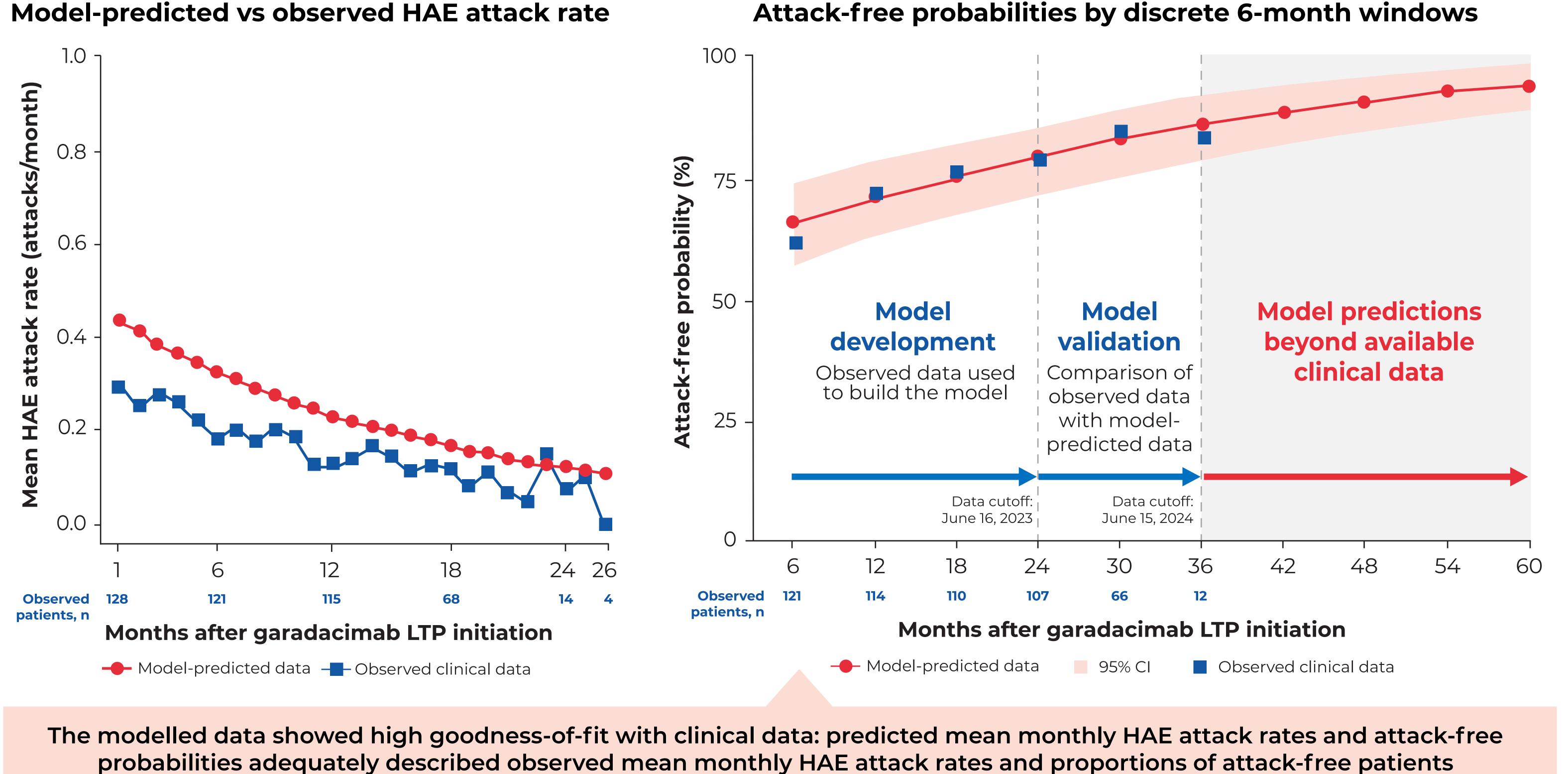
BACKGROUND

- HAE is a genetic disorder characterized by recurrent, unpredictable and potentially life-threatening attacks of angioedema^{1,2}
- The WAO/EAACI treatment goals of total disease control and normalization of life can only be achieved with LTP²

Garadacimab

- First-in-class, fully human mAb inhibiting FXIIa approved for routine prevention of recurrent HAE attacks in patients aged ≥12 years in Australia, Europe, Japan, Switzerland, and the UK³⁻⁸
- Early onset and durable efficacy with a favorable long-term safety profile in the pivotal Phase 3 (VANGUARD) and ongoing Phase 3 OLE (NCT04739059) studies^{9–11}
- Clinical prediction models in rare diseases may be useful to aid diagnosis, appropriate management and decision-making^{12,13}

THE ATTACK-FREE PROBABILITY MODEL ADEQUATELY REFLECTED THE CLINICAL DATA OF PATIENTS TREATED WITH GARADACIMAB LTP





CONCLUSIONS

*ISE Month 1–6 data in patients with HAE from the pivotal Phase 3 (VANGUARD) and the Phase 3 OLE (data cutoff: June 16, 2023) studies. CI, confidence interval; FXIIa, activated factor XII; HAE, hereditary angioedema ISE, Integrated Summary of Efficacy; LTP, long-term prophylaxis; mAb, monoclonal antibody; OLE, open-label extension; q1m, once monthly; SC, subcutaneous.

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Run-in

1–2 months



- HAE diagnosis
- Aged ≥12 years
- Baseline HAE attack
- rate of ≥1 attack/month

Data from 128 patients treated with garadacimab 200 mg SC q1m

Observed data

6 months

Pivotal Phase 3

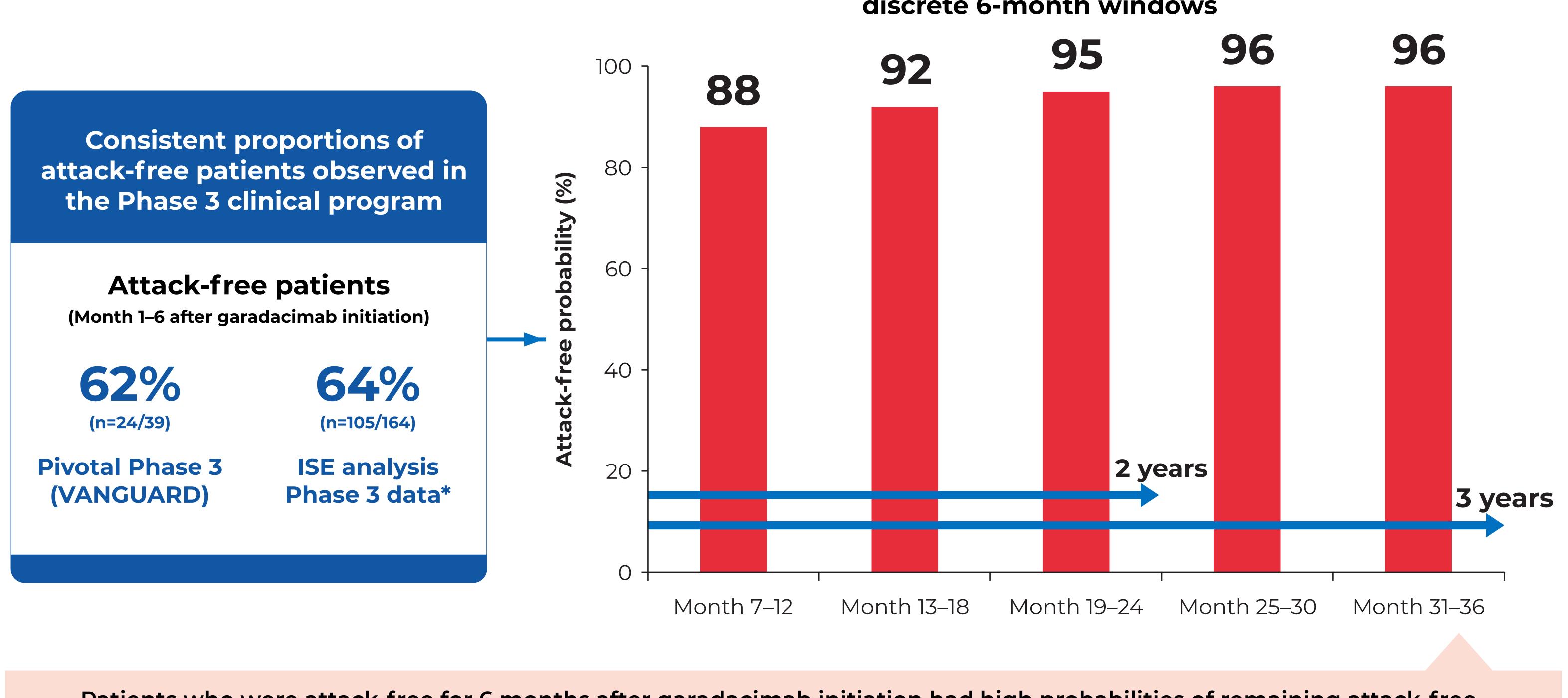
(VANGUARD)

The attack-free probability model adequately described with high goodness-of-fit the clinical data of patients with HAE treated with garadacimab LTP High probabilities of sustaining long-term attack-free status were predicted after treatment initiation with garadacimab LTP This model adds to the available garadacimab clinical data and could be further explored to predict treatment effect in HAE beyond clinical data

Min. 12 months – Ongoing study

Phase 3 OLE	
Data cutoff: June 15, 2024	Data cutoff: June 16, 2023
Observed data used for model validation	a used for model development

BEING ATTACK-FREE FOR 6 MONTHS AFTER GARADACIMAB LTP INITIATION LED TO A HIGH PROBABILITY OF REMAINING ATTACK-FREE



Patients who were attack-free for 6 months after garadacimab initiation had high probabilities of remaining attack-free by discrete 6-month windows

Disclosures

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