Long-term safety of garadacimab in patients with hereditary angioedema from the Phase 3 open-label extension study: an up to 3-year interim analysis Paul K. Keith¹, Jonathan A. Bernstein^{2,3}, Henriette Farkas⁴, Mar Guilarte⁵, Joshua S. Jacobs⁹, Henrike Feuersenger¹⁰, Chiara Nenci¹¹, Philip H. Li¹²

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BACKGROUND

- HAE attacks are recurrent, unpredictable, and potentially life-threatening^{1,2}
- Garadacimab, a first-in-class, fully human mAb inhibiting FXIIa^{3–5} was recently approved in adults and adolescents for routine prevention of recurrent attacks of HAE in Australia, Europe, Japan, Switzerland, and the UK⁶⁻¹¹

STUDY DESIGN OF THE PHASE 3 OLE⁵

Eligibility

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

SUMMARY OF TEAES IN THE PHASE 3 OLE



*Injection site urticaria, n=1; injection site irritation, n=1; moods swings, n=1, and breast cancer, n=1; +COVID-19, n=2, abdominal HAE attack, n=1, were observed at second interim analysis (data cutoff: February 13, 2023); breast cancer, n=1, food allergy, n=1, hand fracture, n=1, drug reaction to a non-study drug, n=1, were observed data cutoff June 15, 2024. AESI, adverse event of special interest; FXIIa, activated Facattor XII; HAE, hereditary angioedema; HAE-C1INH, hereditary angioedema with C1 inhibitor deficiency/dysfunction; IQR, interquartile range; LTP, long term prophylaxis; mAb, monoclonal antibody; OLE, open-label extension; RY, rate per patient-year; SAE, serious adverse event; TEAE, treatment-emergent adverse event; URTI, upper respiratory tract infection.



No deaths occurred



No AESIs per protocol

(severe hypersensitivity, including anaphylaxis, thromboembolic events, and abnormal bleeding events)



Total discontinuations: four patients (2.5%); RY 0.01*

Garadacimab-related discontinuations: two patients (1.2%)

- Mild injection-site urticaria
- Moderate injection-site irritation

SAEs[†]

- Seven events in seven patients (4.3%); **RY 0.02**
- None garadacimab-related

Garadacimab continued to demonstrate a favorable long-term safety profile over a maximum exposure of 3.1 years in the Phase 3 OLE

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Phase 2 rollover patients (n=35)
r ollover garadacimab recipients (n=36)
3 rollover placebo recipients (n=21)
Newly enrolled patients (n=69)

SUMMARY OF THE MOST COMMON TEAES IN THE PHASE 3 OLE

TEAEs in ≥5%of patients	Patients (N=161), n (%)	Related
COVID-19	67 (41.6)	
Nasopharyngitis	35 (21.7)	
Influenza	13 (8.1)	
URTI	13 (8.1)	
Sinusitis	8 (5.0)	
Abdominal pain	10 (6.2)	
Diarrhea	8 (5.0)	
Toothache	8 (5.0)	
ISR	20 (12.4)	
Headache	13 (8.1)	
Arthralgia	10 (6.2)	
Back pain	8 (5.0)	
Cough	8 (5.0)	

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