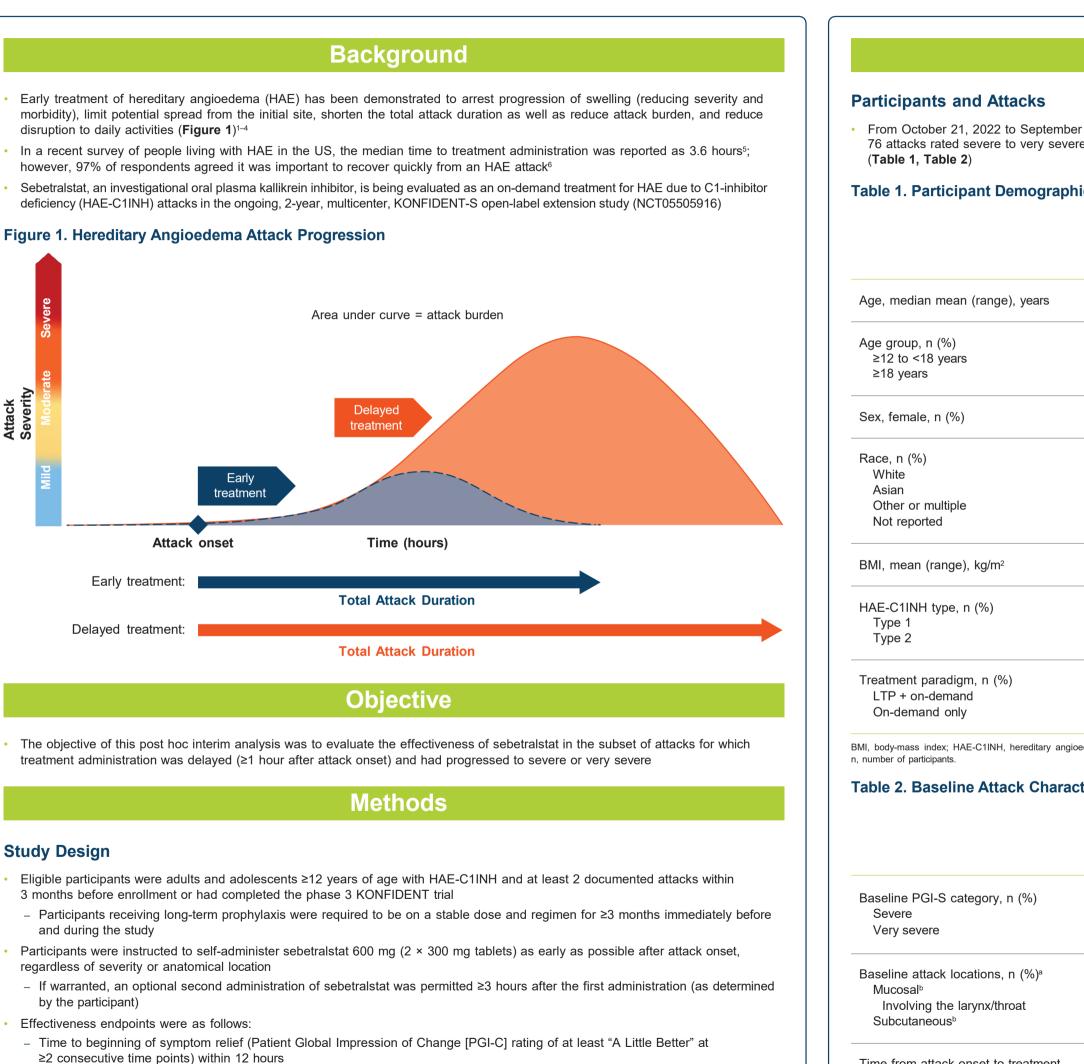
# Effectiveness of Sebetralstat for Severe or Very Severe Hereditary Angioedema Attacks in KONFIDENT-S

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- Time to reduction in severity (≥1-level decrease on the Patient Global Impression of Severity [PGI-S] scale at ≥2 consecutive time points) within 12 hours
- Time to complete attack resolution (PGI-S rating of "None") within 24 hours
- Time to substantial reduction of symptom burden (PGI-S rating of "Mild" for  $\geq 2$  consecutive time points) within 24 hours
- Conventional treatment administration was censored at the end of the analysis window

Early treatment:

Delayed treatment:

Study Design

and during the study

by the participant)

Attack Severity

• From October 21, 2022 to September 14, 2024 (data cutoff), 30 participants treated 76 attacks rated severe to very severe with sebetralstat 600 mg ≥1 hour after attack onset

## **Table 1. Participant Demographics**

BMI, body-mass index; HAE-C1INH, hereditary angioedema due to C1-inhibi

### **Table 2. Baseline Attack Characteristics**

Time from attack onset to treatment administration, median (IQR), minutes

IQR, interquartile range; n, number of attacks; PGI-S, Patient Global Impress <sup>a</sup>Participants with multiple attack locations were counted once in each reported <sup>b</sup>Mucosal attacks include attacks with primary location of 'Abdomen' and/or other attacks not involving the mucosal locations.

# Results

# Interim Effectiveness

# Table 3. Interim Effectiveness in Attacks Treated with Sebetralstat 600 mg Rated Severe to Very Severe

Participants treating attacks rated	Effectiveness Endpoint	Attacks rated severe to very severe (n=76)
severe to very severe (n=30)	Time to beginning of symptom reliefª Median (IQR), hours	1.36 (0.76 to 3.97)
31.1 (12 to 64)	Time to reduction in attack severity <sup>b</sup> Median (IQR), hours	1.77 (0.76 to 3.84)
7 (23.3) 23 (76.7)	Time to complete attack resolution <sup>∞</sup> Median (IQR), hours	>24 (11.08 to >24)
20 (66.7)	Time to substantial reduction in symptom burden <sup>d</sup> Median (IQR), hours	9.15 (2.54 to >24)
22 (73.3) 2 (6.7) 3 (10.0) 3 (10.0)	IQR, interquartile range; n, number of attacks; PGI-C, Patient Global Impression of Change; PGI-S, Patient Global Impression of Severity. <sup>e</sup> Defined as a PGI-C rating of at least "A Little Better" at ≥2 consecutive time points within 12 hours. <sup>b</sup> Defined as a ≥1-level decrease on the PGI-S scale at ≥2 consecutive time points within 12 hours. <sup>c</sup> Defined as a PGI-S rating of "None" within 24 hours. <sup>d</sup> Defined as a PGI-S rating of "Mild" or lower for ≥2 consecutive time points within 24 hours.	
27.0 (16.7 to 39.8)	<ul> <li>Overall, 63.4% of attacks rated severe to very severe achieved a substantial reduction of symptom burden within 24 hours</li> </ul>	
29 (96.7) 1 (3.3)	<ul> <li>In 23 of 76 attacks (30.3%) rated severe to very severe, a second dose of sebetralstat was administered within 12 hours (Table 3)         <ul> <li>56 attacks (73.7%) rated severe to very severe reached beginning of symptom relief within 12 hours; of those, all of which achieved this endpoint before or without a second dose of sebetralstat</li> <li>Conventional on-demand treatment was administered within 12 hours for 9 of 76 attacks (11.8%) rated severe to very severe</li> </ul> </li> </ul>	
5 (16.7) 25 (83.3)	Conclusions	
-inhibitor deficiency; LTP, long-term prophylaxis;	<ul> <li>Although treatment guidelines recommend early treatment to minimize HAE attack progression, a subset of attacks in KONFIDENT-S treated ≥1 hour had progressed to severe or very severe</li> </ul>	
Attacks rated severe to very severe (n=76)	<ul> <li>In these severe or very severe attacks, sebetralstat demon as well as a rapid reduction in attack severity and symptom</li> </ul>	
	References	
70 (92.1) 6 (7.9)	1. Craig TJ et al. Ann Allergy Asthma Immunol. 2013;111(3):211-215.	
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37 (48.7) 1 (1.3) 39 (51.3)	4. Maurer M et al. <i>PLoS One.</i> 2013;8(2):e53773.	
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129.5 (95.5 to 241.5)	Acknowledgments	
mpression of Severity. reported location. Ind/or 'Larynx/Throat'. Subcutaneous attacks include	Medical writing assistance was provided under the direction of the authors by Richard W. Davis IV, PhD, of ApotheCom, San Francisco, CA, USA, and was funded by KalVista Pharmaceuticals. KalVista wishes to thank the people living with HAE and their families, their advocates, and the investigator teams who have supported KONFIDENT-S.	Please visit the KalVista virtual medical booth after the presentation to view this poster.