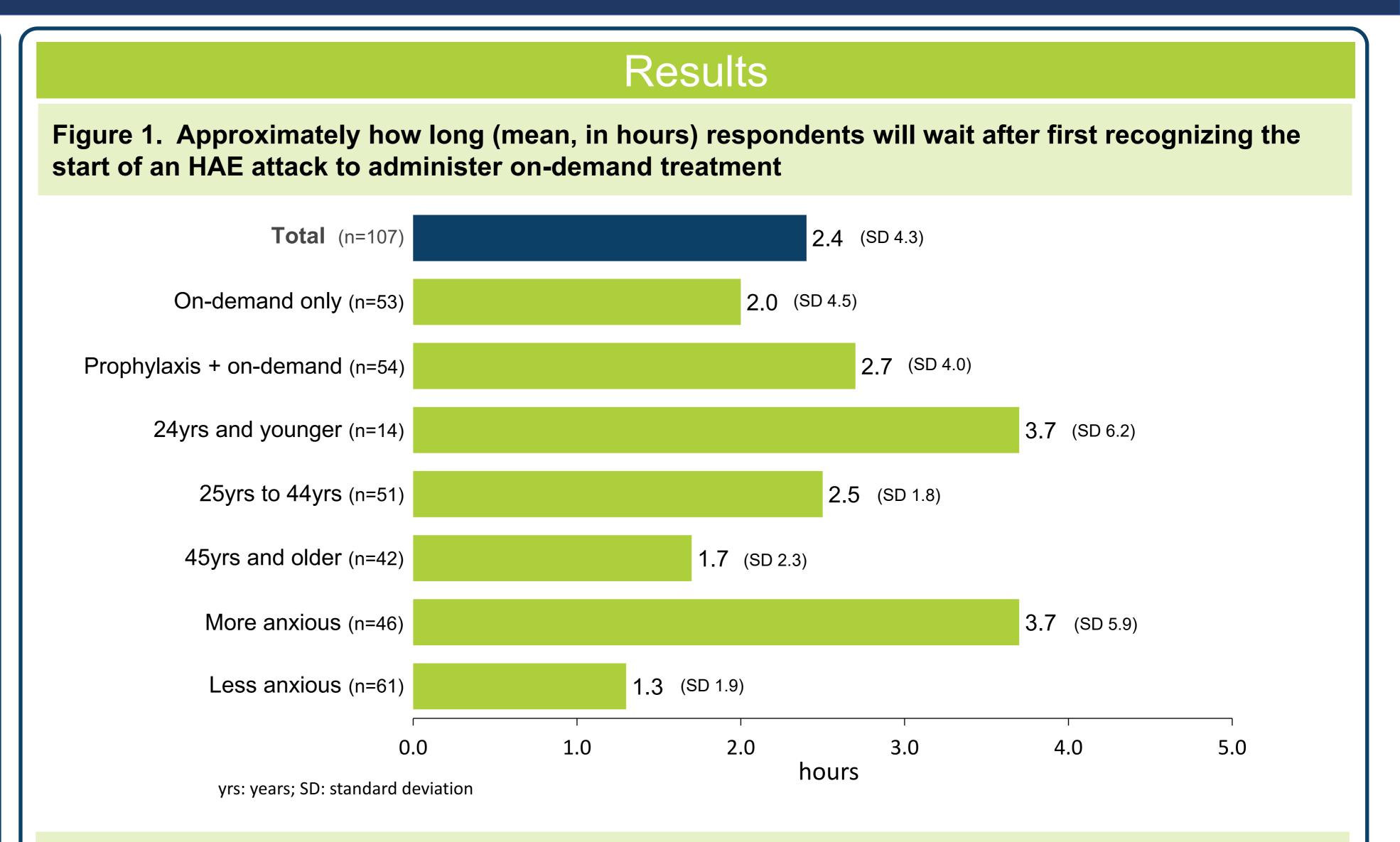
Patients Delay Treating Hereditary Angioedema (HAE) Attacks with Currently Available, Injectable, On-demand Therapies

Anna Valerieva,¹ Sally van Kooten,² Markus Heckmann,² Sherry Danese,³ Ledia Goga,² Hilary Longhurst.⁴

¹Department of Allergology, Medical University of Sofia, Sofia, Bulgaria; ²KalVista Pharmaceuticals, Inc.; Cambridge, Massachusetts, USA; ³Outcomes Insights; Agoura Hills, California, USA; ⁴Department of Immunology, Auckland City Hospital and Department of Medicine, University of Auckland, Auckland, New Zealand

Background

- HAE is characterized by recurrent and unpredictable episodes of subcutaneous or submucosal swelling which can affect the abdomen, extremities, genitals, face, and larynx
- Symptoms of an HAE attack can be painful and debilitating, potentially interfering with the ability to conduct daily activities (work, school, social activities)¹
- WAO/EAACI 2022 updated guidelines recommend that all HAE patients:²
 - consider treating all attacks as early as possible



- have access to sufficient medication to treat two attacks
- carry on-demand treatment at all times, regardless of prophylactic therapy
- Although self-administration of on-demand parenteral treatments has enhanced overall HAE attack management,³ it is known that people living with HAE may delay on-demand treatment administration^{4,5}

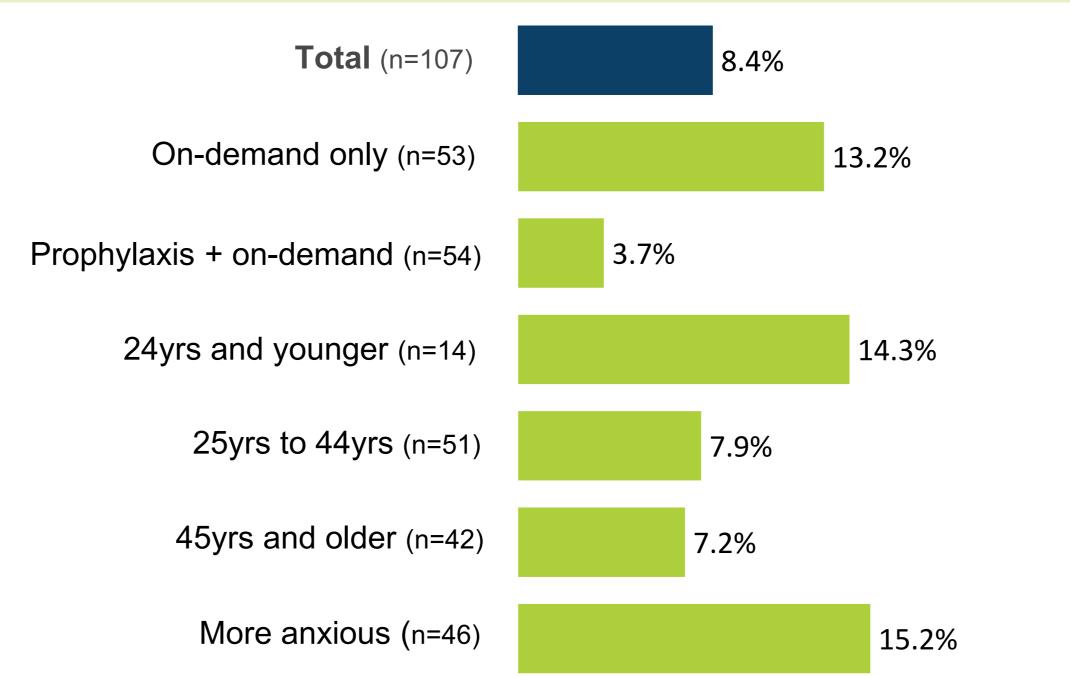
Rationale

 This survey evaluated on-demand treatment patterns and patient characteristics associated with longer delays in treatment, as reported by individuals living with HAE

Methods

- People living with HAE were recruited by the US Hereditary Angioedema Association (HAEA) to complete an online survey
- The survey was self-reported, and took respondents approximately 20 minutes to complete

Figure 2. Proportion of respondents that will wait 5 hours or longer after first recognizing the start of an HAE attack to administer on-demand treatment



- The survey was completed by 107 individuals between September 6 and October 19, 2022
- Respondents provided consent for their data to be used anonymously or in aggregate
- Analysis was performed using descriptive statistics

Table 1. Respondent characteristics

Characteristic	Total (n=107)			
Age, mean	41yrs			
Age category, n (%)	(Range 16-83 yrs)			
24yrs and younger	14 (13.1%)			
25yrs to 44yrs	51 (47.7%)			
45yrs and older	42 (39.3%)			
Gender, n (%)				
Female	86 (80.4%)			
Male	21 (19.6%)			
Type of therapy, n (%)				
On-demand only	53 (49.5%)			
Prophylaxis with on-demand	54 (50.5%)			
More anxious (≥6 on scale of 1 to 10)	46 (43.0%)			

Less anxious (n=61)	3.2%						
	0% 10	0%	20%	30%	40%	50%	
Table 2. Survey question and responses							
		Total (n=107)	Prophylaxis + On-demand (n=54)	On-demand Only (n=53)	More Anxious (n=46)	Less Anxious (n=61)	
At first recognition of an HAE a administer or	attack, do you wait n-demand treatmen % "Ye % "N	nt? es" 86.0%	81.5% 18.5%	90.6% 9.4%	95.7% 4.3%	78.7% 21.3%	
Conclusions							

Results highlight that despite most patients recognizing the onset of an HAE attack, the majority of respondents reported waiting to administer on-demand treatment

Those who are younger or have more anxiety about their current on-demand treatment tend to delay administration of treatment the longest

 More impactful patient-physician dialogue, as well as further advancements in treatment options may help to overcome barriers to timely on-demand treatment and ensure current practice guidelines are followed

Less anxious (≤5 on scale of 1 to 10)

Time to HAE attack treatment Immediately treat all attacks

Do not immediately treat all attacks

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Disclosures

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61 (57.0%)

15 (14.0%)

92 (86.0%)

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