



Publications

Manuscripts

2025

Indirect Treatment Comparison of Oral Sebetralstat and Intravenous Recombinant Human C1 Esterase Inhibitor for On-demand Treatment of Hereditary Angioedema Attacks [Ann Allergy Asthma Immunol. 2025 Mar 15;21\(1\):10](#)

H. Henry Li, Emel Aygören-Pürsün, Markus Magerl, Timothy Craig, Michael E. Manning, Noemi Hummel, Agnieszka Kopiec, Shuai Fu, James Morris, Alice Wang, Paul Audhya and Jonathan Bernstein

Interplay of On-demand Trials for Hereditary Angioedema Attacks and Treatment Guidelines [J Allergy Clin Immunol. 2025 Mar;155\(3\):726-739](#)

Danny Cohn, Daniel Soteres, Timothy Craig, William Lumry, Markus Magerl, Marc Riedl, Paul Audhya, Marcus Maurer, Jonathan Bernstein

On-demand Treatment of Hereditary Angioedema Attacks: Patient-reported Utilization, Barriers, and Outcomes [Ann Allergy Asthma Immunol. 2024 Dec 16:S1081-1206\(24\)01732-0](#) (online ahead of print)

Sandra Christiansen, Maeve O'Connor, Timothy Craig, Cristine Radojicic, James Wedner, Sherry Danese, Julie Ulloa, Vibha Desai, Christopher Utter, Tomas Andriotti, Paul Audhya, Paula Busse

2024

Advent of Oral Medications for the Treatment of Hereditary Angioedema [Clin Transl Allergy. 2024 Sep;14\(9\):e12391](#)

Anna Valerieva, Teresa Caballero, Markus Magerl, Joao Frade, Paul Audhya, Timothy Craig

The Complexities of Decision-Making Associated with On-Demand Treatment of Hereditary Angioedema (HAE) Attacks [Allergy Asthma Clin Immunol. 2024 Jul 25;20\(1\):43](#)

Stephen Betschel, Teresa Caballero, Douglas Jones, Hilary Longhurst, Michael Manning, Sally van Kooten, Markus Heckmann, Sherry Danese, Ledia Goga, Autumn Burnette

Closing Gaps in Hereditary Angioedema Management: Addressing Delays in On-demand Treatment [EMJ Allergy Immunol. 2024 Jul;9\(1\):37-43](#)

Douglas Jones

Oral Sebetralstat for On-demand Treatment of Hereditary Angioedema Attacks [N Engl J Med. 2024 Jul 4;391\(1\):32-43](#)

Marc Riedl, Henriette Farkas, Emel Aygören-Pürsün, Fotis Psarros, Daniel Soteres, Maria Staevska, Mauro Cancian, David Hagin, Daisuke Honda, Isaac Melamed, Sinisa Savic, Marcin Stobiecki, Paula Busse, Eunice Dias de Castro, Nancy Agmon-Levin, Richard Gower, Aharon Kessel, Marcin Kurowski, Ramon Lleonart, Vesna Grivcheva-Panovska, James Wedner, Paul Audhya, James Hao, Matthew Iverson, Michael Smith, Christopher Yea, William Lumry, Andrea Zanichelli, Jonathan Bernstein, Marcus Maurer, and Danny Cohn for the KONFIDENT Investigators

Sebetralstat: A Rapidly Acting Plasma Kallikrein Inhibitor for the On-demand Treatment of Hereditary Angioedema [Drugs Drug Candidates 2024 Apr;3\(2\): 328-341](#)

Edward Feener, Rebecca Davie, Nivetha Murugesan, Stephen Pethen, Sally Hampton, Michael Smith, Paul Audhya, Christopher Yea

2023

Oral Factor XIIa Inhibitor KV998086 Suppresses FXIIa and Single Chain FXII Mediated Kallikrein Kinin System Activation [Front Pharmacol. 2023 Dec 19;14:1287487](#)

Allen Clermont, Nivetha Murugesan, Hannah Edwards, Daniel Lee, Natasha Bayliss, Edward Duckworth, Stephen Pethen, Sally Hampton, David Gailani, Edward Feener

Evaluation of Patient-reported Outcome Measures for On-demand Treatment of Hereditary Angioedema Attacks and Design of KONFIDENT, a Phase 3 trial of Sebetralstat [Clin Transl Allergy. 2023 Sep;13\(9\):e12288](#)

Danny Cohn, Emel Aygören-Pürsün, Jonathan Bernstein, Henriette Farkas, William Lumry, Marcus Maurer, Andrea Zanichelli, Matthew Iverson, James Hao, Michael Smith, Christopher Yea, Paul Audhya, Marc Riedl

Hereditary Angioedema with Normal C1 Inhibitor: US Survey of Prevalence and Provider Practice Patterns [J Allergy Clin Immunol Pract. 2023 Aug;11\(8\):2450-2456.e6](#)

Marc Riedl, Mark Danese, Sherry Danese, Julie Ulloa, Andreas Maetzel, Paul Audhya

An Investigational Oral Plasma Kallikrein Inhibitor for On-demand Treatment of Hereditary Angioedema: A Two-part, Randomized, Double-blind, Placebo-controlled, Crossover Phase 2 Trial [Lancet. 2023 Feb;401\(10375\):458-469](#)

Emel Aygören-Pürsün, Andrea Zanichelli, Danny Cohn, Mauro Cancian, Roman Hakl, Tamar Kinaciyan, Markus Magerl, Inmaculada Martinez-Saguer, Marcin Stobiecki, Henriette Farkas, Sorena Kiani-Alikhan, Vesna Grivcheva-Panovska, Jonathan Bernstein, H Henry Li, Hilary Longhurst, Paul Audhya, Michael Smith, Christopher Yea, Andreas Maetzel, Daniel Lee, Edward Feener, Richard Gower, William Lumry, Aleena Banerji, Marc Riedl, Marcus Maurer

Real-world Reporting Rates of Administration-site Reactions with On-demand Treatment of Hereditary Angioedema Attacks [Allergy Asthma Proc. 2024 Jan 22;45\(1\):37-43](#)

Raffi Tachdjian, Sinisa Savic, Moshe Fridman, Joao Frade, Marie Fasehun, Paul Audhya

2022

Sebetralstat (KVD900): A Potent and Selective Small Molecule Plasma Kallikrein Inhibitor Featuring a Novel P1 Group as a Potential On-demand Treatment for Hereditary Angioedema [J Med Chem. 2022 Oct 27;65\(20\):13629-13644](#)

Rebecca Davie, Hannah Edwards, D Michael Evans, Simon Hodgson, Stocks, Alun Smith, Louise Rushbrooke, Stephen Pethen, Michael Roe, David Clark, Paul McEwan, Sally Hampton

Pharmacological Suppression of the Kallikrein Kinin System with KVD900: An Orally Available Plasma Kallikrein Inhibitor for the On-demand Treatment of Hereditary Angioedema [Clin Exp Allergy. 2022 Sep;52\(9\):1059-1070](#)

Edward Duckworth, Nivetha Murugesan, Lily Li, Louise Rushbrooke, Daniel Lee, Gian Marco De Donatis, Andreas Maetzel, Christopher Yea, Sally Hampton, Edward Feener

Absorption, metabolism and excretion of Sebetralstat (KVD900) Following a Single Oral Dose in Healthy Male Participants [Xenobiotica. 2022 Jul;52\(7\):707-717](#)

Peter Mutch, Mohammad Bashir, Bonnie Jung, Ping Yi, Matt Iverson

KVD900, An Oral On-demand Treatment for Hereditary Angioedema; Phase 1 Study Results [J Allergy Clin Immunol. 2022 Jun;149\(6\):2034-2042](#)

Andreas Maetzel, Michael Smith, Edward Duckworth, Sally Hampton, Gian Marco De Donatis, Nivetha Murugesan, Louise Rushbrooke, Lily Li, Danielle Francombe, Edward Feener, Christopher Yea

Titanium is a Potent Inducer of Contact Activation: Implications for Intravascular Devices [J Thromb Haemost. 2023 May;21\(5\):1200-1213](#)

Maxim Litvak, Aleksandr Shamanaev, Sandip Zalawadiya, Anton Matafonov, Anton Kobrin, Edward Feener, Michael Wallisch, Erik Tucker, Owen McCarty, David Gailani

A Mechanism for Hereditary Angioedema Caused by a Lysine 311-to-glutamic Acid Substitution in Plasminogen [Blood. 2022 May 5;139\(18\):2816-2829](#)

Kent Dickeson, Sunil Kumar, Mao-Fu Sun, Bassem Mohammed, Dennis Phillips, James Whisstock, Adam Quek, Edward Feener, Ruby Law, David Gailani

Plasma Kallikrein Contributes to Intracerebral Hemorrhage and Hypertension in Stroke-Prone Spontaneously Hypertensive Rats [Transl Stroke Res. 2022 Apr;13\(2\):287-299](#)

Jian Guan, Allen Clermont, Loc-Duyen Pham, Tuna Ustunkaya, Alexey Revenko, A Robert MacLeod, Edward Feener, Fabrício Simão

2021

Polyphosphate Expression by Cancer Cell Extracellular Vesicles Mediates Binding of Factor XII and Contact Activation [Blood Adv. 2021 Nov 23;5\(22\):4741-4751](#)

Young Jun Shim, Victor Chatterjee, Shadi Swaidani, Ravi Kumar Alluri, Suman Kundu, Alona Merkullova, Dana Angelini, Dwen You, Samantha Whitney, Edward Feener, John Barnard, Alvin Schmaier, Alok Khorana, Keith McCrae

2019

One-time Intravitreal Injection of KVD001, a Plasma Kallikrein Inhibitor, in Patients with Central-involved Diabetic Macular Edema and Reduced Vision: An Open-label Phase 1B Study [Ophthalmol Retina. 2019 Dec;3\(12\):1107-1109](#)

Jennifer Sun, Raj Maturi, David Boyer, John Wells, Victor Gonzalez, Robert Tansley, Helen Hernandez, Lloyd Aiello

2017

Plasma Kallikrein Mediates Brain Hemorrhage and Edema Caused by Tissue Plasminogen Activator Therapy in Mice After Stroke [Blood. 2017 Apr 20;129\(16\):2280-2290](#)

Fabricio Sinao, Tuna Ustunkaya, Allen Clermont, Edward Feener

2016

Plasma Kallikrein Mediates Vascular Endothelial Growth Factor-Induced Retinal Dysfunction and Thickening [Invest Ophthalmol Vis Sci. 2016 May 1;57\(6\):2390-9](#)

Allen Clermont, Nivetha Murugesan, Qunfang Zhou, Tasheka Kita, Peter Robson, Louise Rushbrooke, D Michael Evans, Lloyd Aiello, Edward Feener

2015

Plasma Kallikrein-Kinin System as a VEGF-dependent Mediator of Diabetic Macular Edema [Diabetes. 2015 Oct;64\(10\):3588-99](#)

Takeshi Kita, Allen Clermont, Nivetha Murugesan, Qunfang Zhou, Kimihiko Fujisawa, Tatsuro Ishibashi, Lloyd Aiello, Edward Feener

2013

Intraocular Hemorrhage Causes Retinal Vascular Dysfunction Via Plasma Kallikrein [Invest Ophthalmol Vis Sci. 2013 Feb 7;54\(2\):1086-94](#)

Jia Liu, Allen Clermont, Ben-bo Gao, Edward Feener

2011

Plasma Kallikrein Mediates Retinal Vascular Dysfunction and Induces Retinal Thickening in Diabetic Rats [Diabetes. 2011 May;60\(5\):1590-8](#)

Allen Clermont, Tamie Chilcote, Tasheki Kita, Jia Lui, Pricilla Riva, Sukanto Sinha, Edward Feener

Hyperglycemia-induced Cerebral Hematoma Expansion is Mediated by Plasma Kallikrein [Nat Med. 2011 Feb;17\(2\):206-10](#)

Jia Liu, Ben-bo Gao, Allen Clermont, Price Blair, Tamie Chilcote, Sukanto Sinha, Robert Flaumenhaft, Edward Feener

2010

Plasma Kallikrein and Diabetic Macular Edema [Curr Diab Rep. 2010 Aug;10\(4\):270-5](#)

Edward Feener

2009

Plasma Kallikrein Mediates Angiotensin II Type 1 Receptor-Stimulated Retinal Vascular Permeability [Hypertension. 2009 Feb;53\(2\):175-81](#)

Joanna Phipps, Allen Clermont, Sukanto Sinha, Tamie Chilcote, Sven-Erik Bursell, Edward Feener

2008

The Kallikrein-kinin System in Diabetic Retinopathy: Lessons for the Kidney [Kidney Int. 2008 May;73\(10\):1114-9](#)

Joanna Phipps, Edward Feener

2007

Extracellular Carbonic Anhydrase Mediates Hemorrhagic Retinal and Cerebral Vascular Permeability Through Prekallikrein Activation [Nat Med. 2007 Feb;13\(2\):181-](#)

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Ben-bo Gao, Allen Clermont, Susan Rook, Stephanie Fonda, Vivek Srinivasan, Maciej Wojkowski, James Fugimoto, Robert Avery, Paul Arrigg, Sven-Erik Bursell, Lloyd Aiello, Edward Feener

Presentations

2025

AAAAI

Barriers to Timely On-demand Treatment of Hereditary Angioedema Attacks in Italian Patients

Mauro Cancian, Paola Triggianese, Pietro Accardo, Francesco Arcoleo, Donatella Bignardi, Caterina Colangelo, Francesco Giardino, Antonio Gidaro, Marica Giliberti, Maria Domenica Guarino, Paola Lucia Minciullo, Stefania Nicola, Francesca Perego, Giuseppe Spadaro, Massimo Triggiani, Sherry Danese, Julie Ulloa, Vibha Desai, Paul Audhya, Andrea Zanichelli

Burden of Injectable On-Demand Treatment for Hereditary Angioedema Attacks in Adolescents

Mauro Cancian, Paula Busse, Tariq El-Shanawany, Maeve O'Connor, Sinisa Savic, Paola Triggianese, Patrick Yong, Andrea Zanichelli, Sherry Danese, Julie Ulloa, Vibha Desai, Paul Audhya, Sandra Christiansen

Delays in the On-demand Treatment of Hereditary Angioedema Attacks and Associated Barriers Reported in Different Healthcare Systems

Patrick Yong, Paula Busse, Timothy Craig, Tariq El-Shanawany, Padmalal Gurugama, Rashmi Jain, Maeve O'Connor, Cristine Radojicic, Sinisa Savic, James Wedner, Sherry Danese, Julie Ulloa, Vibha Desai, Paul Audhya, Sandra Christiansen

On-demand Treatment of Hereditary Angioedema Attacks With Sebetralstat In Adolescents: Pooled Analysis From KONFIDENT And KONFIDENT-S

Danny Cohn, Aharon Kessell, Tamar Kinacian, Rand Arnaout, Jonathan Peter, James Wedner, Emel Aygören-Pürsün, Jonathan Bernstein, Henriette Farkas, William Lumry,

Marcus Maurer, Marc Riedl, Andrea Zanichelli, James Hao, Matthew Iverson, Michael Smith, Christopher Yea, Paul Audhya, Fotios Psarros

Effectiveness of Sebetralstat for the On-demand Treatment of Laryngeal Hereditary Angioedema Attacks: Interim Analysis from KONFIDENT-S

Jonathan Bernstein, Emel Aygören-Pürsün, Vesna Grivcheva-Panovska, Inmaculada Martinez-Saguer, Danny Cohn, William Lumry, Marc Riedl, Andrea Zanichelli, James Hao, Michael Smith, Christopher Yea, Paul Audhya, Henriette Farkas

Study to Adjudicate Hereditary Angioedema with Normal C1INH Diagnoses in the PIONEER-HAE Database

Maeve O'Connor, Dana Withrow, Scott Milligan, Vibha Desai, Paul Audhya, Marc Riedl

AMCP

Healthcare Utilization and Costs Among Hereditary Angioedema Patients Receiving Long-Term Prophylaxis: Results of a Claims Database Analysis

Raffi Tachdjian, Daniel Soteres, Maeve O'Connor, Chirag Maheshwari, Alice Wang, Paul Audhya, Timothy Craig

CIIC Spring

Effectiveness of Sebetralstat for the On-demand Treatment of Laryngeal Hereditary Angioedema Attacks: Interim Analysis from KONFIDENT-S

Michael Manning, Jonathan Bernstein, Emel Aygören-Pürsün, Vesna Grivcheva-Panovska, Inmaculada Martinez-Saguer, Danny Cohn, William Lumry, Marc Riedl, Andrea Zanichelli, James Hao, Michael Smith, Christopher Yea, Paul Audhya, Henriette Farkas

WSAAI

Impact of Long-Term Prophylaxis Adherence in Hereditary Angioedema Patients: Results of a Claims Database Analysis

Raffi Tachdjian, Daniel Soteres, Maeve O'Connor, Chirag Maheshwari, Alice Wang, Paul Audhya, Timothy Craig

Efficacy and Safety of Sebetralstat in Patients with Hereditary Angioedema Receiving Long-term Prophylaxis (LTP) from the KONFIDENT-S Open-label Study

Marc Riedl, Jonathan Bernstein, Timothy Craig, Paula Busse, Jason Raasch, James Hao, Michael Smith, Paul Audhya, William Lumry

**Sebetralstat for Treatment of HAE Attacks in Patients Receiving Berotralstat:
Interim Analysis from the KONFIDENT-S Open-label Study**

Michael Manning, Marc Riedl, Raffi Tachdjian, Henry Li, James Wedner, Daniel Soteres, James Hao, Michael Smith, Paul Audhya, Tamar Kinaciyan

2024

AAAAI

Anxiety Associated with On-demand Treatment of Hereditary Angioedema (HAE) Attacks

James Wedner, Christine Radojicic, Julie Ulloa, Sherry Danese, Vibha Desai, Shawn Czado, Paul Audhya, Sandra Christiansen

Anxiety Associated with Refilling On-demand Therapy for HAE Attacks Contributes to Treatment Delay and Non-Treatment

Daniel Soteres, Anete Grumach, Sally van Kooten, Neil Malloy, Markus Heckmann, Julie Ulloa, Autumn Burnette

Characteristics of Hereditary Angioedema Attacks Among Long-term Prophylaxis Users

Bob Geng, Vibha Desai, Julie Ulloa, Sherry Danese, Shawn Czado, Paul Audhya, Timothy Craig

Characterizing the Negative Impact of Delayed On-Demand Treatment of HAE Attacks

Princess Ogbogu, Hilary Longhurst, Sally van Kooten, Neil Malloy, Markus Heckmann, Julie Ulloa, Ricardo Zwiener

Characterizing the Perspectives of Patients with HAE on Prophylactic Treatment

Stephen Betschel, Christine Radojicic, Sally van Kooten, Neil Malloy, Markus Heckmann, Julie Ulloa, William Lumry

Delayed Treatment of Hereditary Angioedema Attacks: Patient Perceptions and Associated Barriers

Sandra Christiansen, Maeve O'Connor, Julie Ulloa, Sherry Danese, Vibha Desai, Shawn Czado, Paul Audhya, Paula Busse

**Sebetralstat for the On-demand Treatment of Hereditary Angioedema Attacks:
Results of the Double-blind, Placebo-controlled, Phase 3 KONFIDENT Trial**

Marc Riedl, Emel Aygören-Pürsün, William Lumry, Henriette Farkas, Andrea Zanichelli, James Hao, Matthew Iverson, Michael Smith, Christopher Yea, Paul Audhya, Jonathan Bernstein, Marcus Maurer, Danny Cohn

The Impact of On-demand Treatment on Quality of Life of People with HAE

Paula Busse, Bob Geng, Sally van Kooten, Neil Malloy, Markus Heckmann, Julie Ulloa, Douglas Jones

**Treatment Patterns of Patients Requiring Redosing of an On-demand Treatment
After the Return of an HAE Attack**

Constance Katelaris, Michael Manning, Sally van Kooten, Neil Malloy, Markus Heckmann, Julie Ulloa, William Lumry

ACAAI

**Correlation of Time to Treatment with Attack Duration in the Sebetralstat
KONFIDENT Phase 3 Trial**

Timothy Craig, Jonathan Bernstein, Hilary Longhurst, James Hao, Michael Smith, Paul Audhya, Christopher Yea, Marcus Maurer

**Indirect Treatment Comparison of Oral Sebetralstat and Intravenous rhC1-INH as
On-demand Treatments for Hereditary Angioedema**

H. Henry Li, Markus Magerl, Timothy Craig, Michael Manning, Noemi Hummel, Alice Wang, Paul Audhya, Jonathan Bernstein

**On-demand Treatment of Laryngeal Hereditary Angioedema Attacks With
Sebetralstat: Pooled Analysis from KONFIDENT and KONFIDENT-S**

Emel Aygören-Pürsün, Jonathan Bernstein, William Lumry, Paul Audhya, James Hao, Michael Smith, Christopher Yea, Marc Riedl

**Patient-Reported Anxiety Impacts Utilization of Injectable On-demand Treatment of
Hereditary Angioedema Attacks**

Cristine Radojicic, Autumn Burnette, Sally van Kooten, Neil Malloy, Markus Heckmann, Hilary Longhurst

Substantial Reduction of Hereditary Angioedema Attack Symptom Burden in the Sebetralstat Phase 3 KONFIDENT Trial

William Lumry, Danny Cohn, Jonathan Bernstein, Paul Audhya, James Hao, Michael Smith, Christopher Yea, Marc Riedl

ARVO

Factor XIIa Inhibition Protects Against VEGF-Induced Neuroretinal Dysfunction in Mice

Allen Clermont, Nivetha Murugesan, Edward Feener

Aspen Allergy

Sebetralstat for the On-demand Treatment of Hereditary Angioedema Attacks: Results of the Double-blind, Placebo-controlled, Phase 3 KONFIDENT Trial

Marc Riedl, Emel Aygören-Pürsün, William Lumry, Henriette Farkas, Andrea Zanichelli, James Hao, Matthew Iverson, Michael Smith, Christopher Yea, Paul Audhya, Jonathan Bernstein, Marcus Maurer, Danny Cohn

Bradykinin Symposium

A Specific, Sensitivity Assay Measuring Patient Sample Plasma Kallikrein Activity

Daniel Lee, Arije Ghannam, Nivetha Murugesan, Denis Vincent, Adrian Mogg, Michael Smith, Sally Hampton, Edward Feener

Delayed On-demand Treatment of Hereditary Angioedema Attacks and Associated Barriers Reported by Italian Patients

Mauro Cancian, Pietro Accardo, Francesco Arcoleo, Donatella Bignardi, Caterina Colangelo, Francesco Giardino, Antonio Gidaro, Marica Giliberti, Maria Domenica Guarino, Paola Lucia Minciullo, Stefania Nicola, Francesca Perego, Riccardo Senter, Giuseppe Spadaro, Paola Triggianese, Massimo Triggiani, Sherry Danese, Julie Ulloa, Vibha Desai, Tomas Andriotti, Paul Audhya, Andrea Zanichelli

KONFIDENT-S Interim Analysis: Sebetralstat for Hereditary Angioedema Attacks Including Laryngeal

Henriette Farkas, Marc Riedl, Emel Aygören-Pürsün, William Lumry, Andrea Zanichelli, James Hao, Matthew Iverson, Michael Smith, Christopher Yea, Paul Audhya, Jonathan Bernstein, Marcus Maurer, Danny Cohn

Phase 3 KONFIDENT Trial of Sebetralstat for HAE: European Subgroup

Andrea Zanichelli, Henriette Farkas, Emel Aygören-Pürsün, Fotis Psarros, Maria Staevska, Mauro Cancian, Sinisa Savic, Marcin Stobiecki, Eunice Dias de Castro, Marcin Kurowski, Ramon Lleonart, Vesna Grivcheva-Panovska, Danny Cohn, Paul Audhya, Christopher Yea, James Hao, Matthew Iverson, Michael Smith, Markus Magerl, Marcus Maurer

Pooled Sebetralstat Placebo-controlled Efficacy for On-demand Treatment of Hereditary Angioedema

Marcus Maurer, Jonathan Bernstein, Danny Cohn, Henriette Farkas, William Lumry, Marc Riedl, Andrea Zanichelli, James Hao, Matthew Iverson, Michael Smith, Christopher Yea, Paul Audhya, Sorena Kiani-Alikhan, Emel Aygören-Pürsün

Pooled Sebetralstat Placebo-controlled Safety for On-demand Treatment of Hereditary Angioedema

Emel Aygören-Pürsün, Jonathan Bernstein, Danny Cohn, Henriette Farkas, William Lumry, Marc Riedl, Andrea Zanichelli, Samuel Owiredo-Yeboah, James Hao, Michael Smith, Christopher Yea, Paul Audhya, Sorena Kiani-Alikhan, Marcus Maurer

BSI-CIPN

Efficacy and Safety of Sebetralstat for On-demand Treatment of Hereditary Angioedema in Pooled Analysis of Placebo-controlled Clinical Trials

Patrick Yong, Jonathan Bernstein, Danny Cohn, Henriette Farkas, William Lumry, Marc Riedl, Andrea Zanichelli, James Hao, Michael Smith, Christopher Yea, Paul Audhya, Emel Aygören-Pürsün, Sinisa Savic, Sorena Kiani-Alikhan

Impact of Hereditary Angioedema Attacks on Quality of Life and Ability to Work Among UK Patients Receiving Long-term Prophylaxis or On-demand Only

Sinisa Savic, Tariq El-Shanawany, Padmalal Gurugama, Rashmi Jain, Vibha Desai, Tomas Andriotti, Paul Audhya, Sherry Danese, Julie Ulloa, Tomaz Garcez, Sorena Kiani-Alikhan, Patrick Yong

Impact of Delayed Treatment of Hereditary Angioedema Attacks on Quality of Life and Ability to Work

Patrick Yong, Rashmi Jain, Tomaz Garcez, Sorena Kiani-Alikhan, Vibha Desai, Tomas Andriotti, Paul Audhya, Sherry Danese, Julie Ulloa, Tariq El-Shanawany, Padmalal Gurugama, Sinisa Savic

CIIC Fall

KONFIDENT-S Interim Analysis: Sebetralstat for HAE Attacks Including Laryngeal

Henriette Farkas, Marc Riedl, Emel Aygören-Pürsün, William Lumry, Andrea Zanichelli, James Hao, Matthew Iverson, Michael Smith, Christopher Yea, Paul Audhya, Jonathan Bernstein, Marcus Maurer, Danny Cohn

CIIC Spring

Sebetralstat for the On-demand Treatment of Hereditary Angioedema Attacks: Results of the Double-blind, Placebo-controlled, Phase 3 KONFIDENT Trial

Marc Riedl, Emel Aygören-Pürsün, William Lumry, Henriette Farkas, Andrea Zanichelli, James Hao, Matthew Iverson, Michael Smith, Christopher Yea, Paul Audhya, Jonathan Bernstein, Marcus Maurer, Danny Cohn

EAACI

A Sensitive and Specific Assay to Characterize Plasma Kallikrein Activity in Plasma from Hereditary Angioedema Patients

Daniel Lee, Arije Ghannam, Nivetha Murugesan, Denis Vincent, Adrian Mogg, Michael Smith, Sally Hampton, Edward Feener

Attack Characteristics in Patients with Hereditary Angioedema Receiving Non-Androgen Long-term Prophylaxis

William Lumry, Alan Baptist, Daniel Soteres, Michael Manning, Lucy Earl, Hannah Connolly, Paul Audhya, Alice Wang, Tomas Andriotti, Vibha Desai

Anxiety Associated with On-demand Treatment of Hereditary Angioedema (HAE) Attacks

Patrick Yong, Tariq El-Shanawany, Padmalal Gurugama, Rashmi Jain, Sherry Danese, Julie Ulloa, Vibha Desai, Paul Audhya, Sinisa Savic

Delayed On-demand Treatment of Hereditary Angioedema Attacks: Patient Perceptions and Associated Barriers

Sinisa Savic, Tariq El-Shanawany, Padmalal Gurugama, Rashmi Jain, Sherry Danese, Julie Ulloa, Vibha Desai, Paul Audhya, Patrick Yong

Hereditary Angioedema (HAE) Patients Answer: Why Do Attacks Go Untreated?

Christine Radojicic, Paula Busse, Maeve O'Connor, Sherry Danese, Julie Ulloa, Vibha Desai, Tomas Andriotti, Paul Audhya, Sandra Christiansen

Oral Sebetralstat for On-demand Treatment of Hereditary Angioedema: Phase 3 KONFIDENT Trial Results

Marc Riedl, Henriette Farkas, Emel Aygören-Pürsün, Fotis Psarros, Daniel Soteres, Maria Staevska, Mauro Cancian, David Hagin, Daisuko Honda, Isaac Melamed, Sinisa Savic, Marcin Stobiecki, Paula Busse, Eunice Diad de Castro, Nancy Agmon-Levin, Richard Gower, Aharon Kessel, Marcin Kurowski, Ramon Lleonart, Vesna Grivcheva-Panovska, James Wedner, Paul Audhya, James Hao, Matthew Iverson, Michael Smith, Christopher Yea, William Lumry, Andrea Zanichelli, Jonathan Bernstein, Marcus Maurer, Danny Cohn

Patient Reported Benefits of Early On-demand Treatment of HAE Attacks

Hilary Longhurst, Mar Guilarte, Sally van Kooten, Neil Malloy, Markus Heckmann, Paula Busse

Sebetralstat as Oral On-demand Treatment for Hereditary Angioedema: Interim Analysis of the Open-label KONFIDENT-S Trial

Henriette Farkas, Marc Riedl, Emel Aygören-Pürsün, William Lumry, Andrea Zanichelli, James Hao, Matthew Iverson, Michael Smith, Christopher Yea, Paul Audhya, Jonathan Bernstein, Marcus Maurer, Danny Cohn

Treatment of HAE Attacks with Anticipated Future Oral On-demand Therapies as Reported by Patients

Anna Valerieva, Douglas Jones, Sally van Kooten, Neil Malloy, Markus Heckmann, Stephen Betschel

Unmet Needs Associated with Non-androgen Injectable Long-term Prophylaxis (LTP) Therapies for HAE

William Lumry, Alan Baptist, Daniel Soteres, Michael Manning, Kieran Wynne-Cattanach, Laretta Birija, Paul Audhya, Alice Wang, Tomas Andriotti, Vibha Desai

EAC

Burden of Untreated Hereditary Angioedema Attacks Impact on Social, Mental, and Physical Health

Christine Radojicic, Paula Busse, Maeve O'Connor, Julie Ulloa, Sherry Danese, Vibha Desai, Tomas Andriotti, Paul Audhya, Sandra Christiansen

Healthcare Costs Among Commercially-Insured Patients with Hereditary Angioedema Managed with Long-Term Prophylaxis: A Retrospective US Claims Database Analysis

Raffi Tachdjian, Daniel Soteres, Rose Chang, Manasi Mohan, Megan Pinaire, Maral DerSarkissian, Vibha Desai, Alice Wang, Paul Audhya

Real-World Impact of Treated Hereditary Angioedema Attacks on Patients' Quality of Life

Maeve O'Connor, Paula Busse, Timothy Craig, Christine Radojicic, Sandra Christiansen, Julie Ulloa, Sherry Danese, Tomas Andriotti, Paul Audhya, Vibha Desai

Real-World Impact of Treated Hereditary Angioedema Attacks on Patients' Employment and Work Productivity

Timothy Craig, Paula Busse, Sandra Christiansen, Maeve O'Connor, Cristine Radojicic, Julie Ulloa, Sherry Danese, Tomas Andriotti, Paul Audhya, Vibha Desai

Sebetralstat for On-demand Treatment of Hereditary Angioedema Attacks: US Subgroup Analysis from the Double-blind, Placebo-controlled Phase 3 KONFIDENT Trial

Daniel Soteres, Marc Riedl, William Lumry, Paula Busse, James Hao, Matthew Iverson, Michael Smith, Christopher Yea, Paul Audhya, Jonathan Bernstein

Trends in Volume of On-demand Hereditary Angioedema Treatments in the US: A Retrospective Analysis of a Large Multi-payer Claims Database

Daniel Soteres, Chirag Maheshwari, Abhishek Sharma, Alice Wang, Paul Audhya, Raffi Tachdjian

HAEi

Anxiety Associated with On-demand Treatment of Hereditary Angioedema (HAE) Attacks

James Wedner, Christine Radojicic, Julie Ulloa, Sherry Danese, Vibha Desai, Paul Audhya, Sandra Christiansen

Anxiety Associated with Refilling On-demand Therapy for HAE Attacks Contributes to Treatment Delay and Non-Treatment

Daniel Soteres, Anete Grumach, Sally van Kooten, Neil Malloy, Markus Heckmann, Julie Ulloa, Autumn Burnette

Characteristics of Hereditary Angioedema Attacks Among Long-term Prophylaxis Users

Bob Geng, Vibha Desai, Julie Ulloa, Sherry Danese, Shawn Czado, Paul Audhya, Timothy Craig

Characterizing the Negative Impact of Delayed On-Demand Treatment of HAE Attacks

Princess Ogbogu, Hilary Longhurst, Sally van Kooten, Neil Malloy, Markus Heckmann, Julie Ulloa, Ricardo Zwiener

Delayed On-demand Treatment of Hereditary Angioedema Attacks: Patient Perceptions and Associated Barriers

Sandra Christiansen, Maeve O'Connor, Julie Ulloa, Sherry Danese, Vibha Desai, Shawn Czado, Paul Audhya, Paula Busse

Treatment Patterns of Patients Requiring Redosing of an On-demand Treatment After the Return of an HAE Attack

Constance Katelaris, Michael Manning, Sally van Kooten, Neil Malloy, Markus Heckmann, Julie Ulloa, William Lumry

Relationship Between Time to On-demand Treatment and Quality of Life During Hereditary Angioedema Attacks

Sandra Christiansen, Timothy Craig, Maeve O'Connor, Christine Radojicic, Julie Ulloa, Sherry Danese, Vibha Desai, Tomas Andriotti, Paul Audhya, Paula Busse

HAEi GAF

Anxiety Associated with Parenteral On-Demand Treatment for Hereditary Angioedema Attacks

Andrea Zanichelli, Pietro Accardo, Francesco Arcoleo, Donatella Bignardi, Caterina Colangelo, Francesco Giardino, Antonio Gidaro, Marica Giliberti, Maria Domenica Guarino, Paola Lucia Minciullo, Stefania Nicola, Francesca Perego, Riccardo Senter, Giuseppe Spadaro, Paola Triggianese, Massimo Triggiani, Sherry Danese, Julie Ulloa, Vibha Desai, Tomas Andriotti, Paul Audhya, Mauro Cancian

Global Frequency and Diagnosis of Hereditary Angioedema with Normal C1INH: A Real World ACARE Survey

Markus Magerl, Marc Riedl, Sherry Danese, Julie Ulloa, Paul Audhya, Marcus Maurer

Impact of Delayed Treatment of Hereditary Angioedema Attacks on Quality of Life and Ability to Work

Patrick Yong, Rashmi Jain, Tomaz Garcez, Sorena Kiani-Alikhan, Vibha Desai, Tomas Andriotti, Paul Audhya, Sherry Danese, Julie Ulloa, Tariq El-Shanawany, Padmalal Gurugama, Sinisa Savic

Impact of Hereditary Angioedema Attacks on Quality of Life and Ability to Work Among UK Patients Receiving Long-term Prophylaxis or On-demand Only

Sinisa Savic, Tariq El-Shanawany, Padmalal Gurugama, Rashmi Jain, Vibha Desai, Tomas Andriotti, Paul Audhya, Sherry Danese, Julie Ulloa, Tomaz Garcez, Sorena Kiani-Alikhan, Patrick Yong

Impact of Oral Sebetrastat on Hereditary Angioedema Attack-associated Anxiety: Analysis From the Phase 3 KONFIDENT Trial

Marcus Maurer, Danny Cohn, Jonathan Bernstein, Henriette Farkas, William Lumry, Marc Riedl, Andrea Zanichelli, James Hao, Michael Smith, Paul Audhya, Christopher Yea, Emel Aygören-Pürsün

KONFIDENT Trial of Oral Sebetrastat for Treatment of Hereditary Angioedema Attacks: Analysis of the European and US Patient Populations

Andrea Zanichelli, Emel Aygören-Pürsün, Jonathan Bernstein, Henriette Farkas, William Lumry, Marcus Maurer, Marc Riedl, James Hao, Michael Smith, Paul Audhya, Christopher Yea, Danny Cohn

Patient-Reported Benefits of Early On-demand Treatment of HAE Attacks

Mar Guilarte, Hilary Longhurst, Sally van Kooten, Neil Malloy, Markus Heckmann, Paula Busse

The Hereditary Angioedema (HAE) Attack Journey: A Conceptual Illustration of Patient Anxiety and On-Demand Treatment Burden During an HAE Attack

Doug Jones, Hilary Longhurst, Mar Guilarte, Sally van Kooten, Neil Malloy, Markus Heckmann

Treatment of HAE Attacks with Anticipated Future Oral On-demand Therapies as Reported by Patients

Anna Valerieva, Douglas Jones, Sally van Kooten, Neil Malloy, Markus Heckmann, Stephen Betschel

ISPOR

Real-World Impact of Treated Hereditary Angioedema Attacks on Patients' Quality of Life

Paula Busse, Timothy Craig, Cristine Radojicic, Maeve O'Connor, Sandra Christiansen, Julie Ulloa, Sherry Danese, Tomas Andriotti, Paul Audhya, Vibha Desai

Healthcare Costs Among Commercially-Insured Patients with Hereditary Angioedema Managed with Long-Term Prophylaxis: A Retrospective US Claims Database Analysis

Raffi Tachdjian, Daniel Soteres, Rose Chang, Manasi Mohan, Megan Pinaire, Maral DerSarkissian, Vibha Desai, Alice Wang, Paul Audhya

Real-world Impact of Treated Hereditary Angioedema Attacks on Patients' Work Productivity and Ability to do Daily Activities

Timothy Craig, Paula Busse, Sandra Christiansen, Maeve O'Connor, Cristine Radojicic, Julie Ulloa, Sherry Danese, Tomas Andriotti, Paul Audhya, Vibha Desai

Burden of Untreated Hereditary Angioedema Attacks Impact on Social, Mental, and Physical Health

Cristine Radojicic, Paula Busse, Maeve O'Connor, Julie Ulloa, Sherry Danese, Vibha Desai, Tomas Andriotti, Paul Audhya, Sandra Christiansen

ITACA

Phase 3 KONFIDENT Trial of Oral Sebetralstat, an Investigational On-demand Treatment of Hereditary Angioedema Attacks

Andrea Zanichelli, Danny Cohn, Marc Riedl, James Hao, Michael Smith, Paul Audhya, Mauro Cancian

JDA

Sebetralstat KONFIDENT Is the First Phase 3 On-demand HAE Trial to Include Japanese Sites

Daisuke Honda, Michihiro Hide, Isoa Ohsawa, Yuko Watanabe, James Hao, Michael Smith, Christopher Yea, Paul Audhya, Marc Riedl, Danny Cohn

JSA

Sebetralstat as Oral On-demand Treatment for Hereditary Angioedema: Interim Analysis of Demographics and Attack Characteristics from the Open-label KONFIDENT-S Trial

Daisuke Honda, Henriette Farkas, Atsushi Fukunaga, Kazumasa Ohmura, Akimichi Saito, Michihiro Hide, Isao Ohsawa, Naoko Inomata, Yuko Watanabe, James Hao, Matthew Iverson, Michael Smith, Christopher Yea, Paul Audhya, Marcus Maurer

Real World Barriers to On-Demand Treatment for Attacks in Hereditary Angioedema: A Patient Survey

Daisuke Honda, Sandra Christiansen, Julie Ulloa, Sherry Danese, Vibha Desai, Tomas Andriotti, Shigeru Yoshida, Paul Audhya, Michihiro Hide

SEAIC

Ensayo KONFIDENT fase III de sebetralstat oral, tratamiento en investigación a demanda para ataques de angioedema hereditario

Ramon Lleonart, Teresa Caballero, Mar Guilarte, James Hao, Michael Smith, Danny Cohn

SIAAIC

Delayed On-demand Treatment of Hereditary Angioedema Attacks: Italian Patient Perceptions and Associated Barriers

Stefania Nicola, Riccardo Senter, Pietro Accardo, Francesco Arcoleo, Donatella Bignardi, Caterina Colangelo, Francesco Giardino, Antonio Gidaro, Marica Giliberti, Maria Domenica Guarino, Paola Lucia Minciullo, Francesca Perego, Giuseppe Spadaro, Paola Triggianese, Massimo Triggiani, Sherry Danese, Julie Ulloa, Vibha Desai, Tomas Andriotti, Paul Audhya, Andrea Zanichelli, Mauro Cancian

SNFMI

Efficacy and Safety of Sebetralstat for On-demand Treatment of Hereditary Angioedema in Pooled Analysis of Placebo-controlled Clinical Trials

Laurence Bouillet, David Launay, Heloise Reumaux, Jonathan Bernstein, Danny Cohn, Henriette Farkas, William Lumry, Marc Riedl, James Hao, Michael Smith, Christopher Yea, Paul Audhya, Emel Aygören-Pürsün, Delphine Gobert, Olivier Fain

WSAAI

Hereditary Angioedema Attacks in Patients Receiving Long-term Prophylaxis: A Systematic Review

Hilary Longhurst, Laurence Bouillet, Mauro Cancian, Vesna Grivcheva-Panovska, Majed Koleilat, Markus Magerl, Sinisa Savic, Marcin Stobiecki, Raffi Tachdjian, Christopher Yea, Paul Audhya

Quality of Life Among Prophylaxis Plus On-demand and On-demand Only Therapy Users in HAE

Maeve O'Connor, Paula Busse, Sandra Christiansen, Christine Radojicic, Julie Ulloa, Sherry Danese, Vibha Desai, Tomas Andriotti, Paul Audhya, Timothy Craig

Burden of Hereditary Angioedema Attacks in Adolescents

Paula Busse, Christine Radojicic, Maeve O'Connor, Tim Craig, Julie Ulloa, Vibha Desai, Tomas Andriotti, Paul Audhya, Sandra Christiansen

2023

AAAAI

Anxiety Associated with Parenteral On-Demand Treatment for Hereditary Angioedema (HAE)

Autumn Burnette, John Anderson, Hilary Longhurst, Sally van Kooten, Markus Heckmann, Sherry Danese, Ledia Goga

Comparative Bioavailability of Sebetralstat Following Administration of Orally Disintegrating Tablets and Film-Coated Tablets in Healthy Volunteers

Michael Smith, Matthew Iverson, Erik Hansen, Paul Audhya, Christopher Yea

Patients Perspectives on Early Use of On-demand Treatment for Hereditary Angioedema Attacks to Reduce Severity and Duration

Christine Radojicic, Michael Manning, Mar Guilarte, Markus Heckmann, Sally van Kooten, Sherry Danese, Ledia Goga

Reporting of Adverse Drug Reactions with Parenteral Drugs for the On-demand Treatment of Hereditary Angioedema Attacks - Analysis of the FAERS Database 2009 - 2022

Raffi Tachdjian, Sinisa Savic, Moshe Fridman, Joao Frade, Paul Audhya, Marie Fasehun

Treatment with Sebetralstat Reduces the Cumulative Symptom Severity of Hereditary Angioedema Attacks in a Phase 2 Trial

Jonathan Bernstein, Marc Riedl, William Lumry, Paul Audhya, Michael Smith, Christopher Yea

ACAAI

Anxiety Associated with On-demand Treatment of Hereditary Angioedema (HAE) Attacks May Result in Sub-optimal Attack Management

Michael Manning, Sally van Kooten, Markus Heckmann, Sherry Danese, Ledia Goga, Princess Ogbogu

Diagnosing Hereditary Angioedema (HAE) with Normal C1-INH (HAE nC1-INH) - A Real-World ACARE Survey

Marc Riedl, Markus Magerl, Marcus Maurer, Sherry Danese, Julie Ulloa, Vibha Desai, Paul Audhya

Refining Prevalence Estimated of Hereditary Angioedema (HAE) with Normal C1-INH (HAE nC1-INH)

Markus Magerl, Marc Riedl, Marcus Maurer, Sherry Danese, Julie Ulloa, Vibha Desai, Paul Audhya

Treatment of Hereditary Angioedema (HAE) with Normal C1-INH (HAE nC1-INH) - A Real - World ACARE Survey

Marcus Maurer, Markus Magerl, Marc Riedl, Sherry Danese, Julie Ulloa, Vibha Desai, Paul Audhya

Treatment Patterns Among Individuals with Hereditary Angioedema in the United States

Raffi Tachdjian, Rose Chang, Maral DerSarkissian, Kristen Cribbs, Betsy Lahue, Shawn Czado, Vibha Desai

Understanding Why Hereditary Angioedema Patients Often Do Not Carry Their On-Demand Treatment With Them

Bob Geng, Sally van Kooten, Markus Heckmann, Sherry Danese, Ledia Goga, Christine Radojicic

AMCP

Assessing the Potential Benefits of Oral Therapies in Hereditary Angioedema

Daniel Soteres, Kristen Cribbs, Wendi Guo, Shawn Czado

AMCP Nexus

Assessing Parenteral Treatment Burden in Hereditary Angioedema Therapies and Patient Preferences for On-demand Treatment

Daniel Soteres, Kristen Cribbs, Betsy Lahue, Da - IN Fang, Michelle Brown, Kelley Myers, Shawn Czado, Ledia Goga, Vibha Desai

Reporting of Administration Site Reactions with Parenteral Drugs for the On-demand Treatment of Hereditary Angioedema Attacks - Analysis of the FAERS Database 2009 - 2022

Raffi Tachdjian, Sinisa Savic, Moshe Fridman, Vibha Desai, Joao Frade, Paul Audhya

APAAACI

KONFIDENT Phase 3 Trial Global Expansion: Sebetralstat Pharmacokinetics and Pharmacodynamics in Japanese and Chinese Adults

Daisuke Honda, Matthew Iverson, Erik Hansen, Sally Hampton, Stanford Jhee, Esther Yoon, Paul Audhya, Michael Smith, Christopher Yea, Michihiro Hide

Hereditary Angioedema Attacks in Patients Receiving Long-term Prophylaxis: A Systematic Review

Hilary Longhurst, Laurence Bouillet, Mauro Cancian, Vesna Grivcheva-Panovska, Majed Koleilat, Markus Magerl, Sinisa Savic, Marcin Stobiecki, Raffi Tachdjian, Christopher Yea, Paul Audhya

ARVO

Factor XII Contributes to VEGF-induced Retinal Edema and Neuroretinal Responses in Mice

Allen Clermont, Nivetha Murugesan, Tuna Ustunkaya, Lloyd Aiello, Edward Feener

BSI-CIPN

Anxiety Associated with On-demand Treatment for Hereditary Angioedema Attacks

Patrick Yong, Tariq El-Shanawany, Padmalal Gurugama, Rashmi Jain, Sherry Danese, Julie Ulloa, Vibha Desai, Paul Audhya, Sinisa Savic

Delayed On-demand Treatment of Hereditary Angioedema Attacks: Patient Perceptions and Associated Barriers

Sinisa Savic, Tariq El-Shanawany, Padmalal Gurugama, Rashmi Jain, Sherry Danese, Julie Ulloa, Vibha Desai, Paul Audhya, Patrick Yong

C1-INH

HAE Patients' Decision to Carry On-demand Treatment When Away from Home

Stephen Betschel, Sally van Kooten, Markus Heckmann, Sherry Danese, Ledia Goga, Mar Guilarte

Route of Administration Preferences of People Living with Hereditary Angioedema for On-demand Treatment: A US Based Qualitative Study

Don Bukstein, Vibha Desai, Ledia Goga, Shawn Czado, Michelle Brown, Kelley Myers, Paul Audhya, Laurence Bouillet

Rationale for the Short-term Prophylaxis Regimen with Sebetralstat in KONFIDENT-S

Matthew Iverson, Edward Duckworth, Erik Hanson, Sally Hampton, Michael Smith, Paul Audhya, Christopher Yea

CIIC

Oral Sebetralstat Provides Rapid Inhibition of Plasma Kallikrein and Fast Improvement in Attack Symptoms in Patients with Hereditary Angioedema

Michael Smith, Edward Duckworth, Sally Hampton, Christopher Yea, Paul Audhya, Edward Feener

EAACI

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

Anna Valerieva, Sally van Kooten, Markus Heckmann, Sherry Danese, Ledia Goga, Hilary Longhurst

Remaining Burden of Hereditary Angioedema (HAE) Attacks Despite Modern Long-term Prophylaxis

Stephen Betschel, Sally van Kooten, Markus Heckmann, Sherry Danese, Ledia Goga, Teresa Caballero

**Results from a Randomized, Double-blind, Placebo-controlled, Phase 1 Trial
Evaluating Sebetralstat Pharmacokinetics, Pharmacodynamics, and
Safety/Tolerability in Healthy Japanese, Chinese, and White Adults**

Michihiro Hide, Matthew Iverson, Stanford Jhee, Erik Hansen, Edward Duckworth,
Sally Hampton, Esther Yoon, Daisuke Honda

**Short-term Prophylaxis with Sebetralstat, an Investigational On-demand Treatment
for Hereditary Angioedema, in KONFIDENT-S**

Jonathan Bernstein, Marc Riedl, William Lumry, Paul Audhya, Michael Smith,
Christopher Yea

**Understanding the Complex Decision-Making Associated with On-Demand
Treatment of Hereditary Angioedema (HAE) Attacks**

Anete Grumach, Sally van Kooten, Markus Heckmann, Sherry Danese, Ledia Goga,
Tomas Garcez

EAC

**Preferences of People with Hereditary Angioedema for On-demand Treatment: A US
Based Qualitative Study**

Don Bukstein, Vibha Desai, Ledia Goga, Michelle Brown, Russell Settipane

**Sebetralstat Effectiveness in the Treatment of Hereditary Angioedema Attacks
Rated Mild or Moderate at Baseline in the Phase 2 Trial**

Hilary Longhurst, Michael Smith, Christopher Yea, Paul Audhya

**Reporting of Administration Site Reactions with Parenteral Drugs for the On-
demand Treatment of Hereditary Angioedema Attacks - Analysis of the FAERS
Database 2009 - 2022**

Raffi Tachdjian, Sinisa Savic, Moshe Fridman, Joao Frade, Paul Audhya

HAEA

**In Their Own Words - Patients Descriptions of the Earliest Recognition of Hereditary
Angioedema Attack Onset**

Michael Manning Autumn Burnette, Sally van Kooten, Markus Heckmann, Sherry
Danese, Ledia Goga, Mar Guilarte

Preferences of People with Hereditary Angioedema for On-demand Treatment: A US Based Qualitative Study

Don Bukstein, Vibha Desai, Ledia Goga, Shawn Czado, Michelle Brown, Kelley Myers, Paul Audhya, Russell Settipane, Paula Busse

Recognizing the Importance of Early On-demand Treatment in the Hereditary Angioedema (HAE) Attack Journey

Douglas Jones, Princess Ogbogu, Sally van Kooten, Markus Heckmann, Sherry Danese, Ledia Goga, Markus Magerl

HAEi

In Their Own Words - Patients Descriptions of the Earliest Recognition of Hereditary Angioedema Attack Onset

Michael Manning, Autumn Burnette, Sally van Kooten, Markus Heckmann, Sherry Danese, Ledia Goga, Mar Guilarte, Anna Valerieva

Recognizing the Importance of Early On-demand Treatment in the Hereditary Angioedema (HAE) Attack Journey

Douglas Jones, Princess Ogbogu, Sally van Kooten, Markus Heckmann, Sherry Danese, Ledia Goga, Markus Magerl

ISPOR

Assessing the Burden of Injection with Parenteral Hereditary Angioedema Therapies

Daniel Soteres, Kristen Cribbs, Shawn Czado

Assessing the Utility of Existing Hereditary Angioedema Disease Models for Health Economic Evaluation of Future Therapies

Bjoern Schwander, Betsy Lahue, Kristen Cribbs, Shawn Czado

A Systematic Review of Healthcare Resource Utilization and Direct Medical Costs in Hereditary Angioedema

Timothy Craig, Kristen Cribbs, Shawn Czado

A Systematic Review of Socioeconomic Burden in Hereditary Angioedema

Timothy Craig, Kristen Cribbs, Shawn Czado

Characterizing Attack-Related Health Utility in Hereditary Angioedema

Timothy Craig, Kristen Cribbs, Shawn Czado

ISPOR Europe

Current State of Health Economic Models in Hereditary Angioedema

Raffi Tachdjian, Betsy Lahue, Kristen Cribbs, Da-In Fang, Shawn Czado, Ledia Goga, Vibha Desai, Tamlyn Rautenberg, Bjoern Schwander

ISTH

Oral Factor XIIa Inhibitor KV998086 Protects Against FeCl₃ Induces Thrombosis in Mice

Allen Clermont, Freya Pinckney, Marza Hill, Sally Hampton, Edward Feener

IWAA

Sebetralstat, Investigational Oral On-demand Therapy for HAE: KONFIDENT Trial Design

Emel Aygören-Pürsün, Andrea Zanichelli, Danny Cohn, Henriette Farkas, Jonathan Bernstein, Paul Audhya, Michael Smith, Christopher Yea, William Lumry, Marc Riedl, Marcus Maurer

Short-term Prophylaxis with Sebetralstat, an Investigational On-demand Treatment for Hereditary Angioedema, in KONFIDENT-S

Jonathan Bernstein, Marc Riedl, William Lumry, Paul Audhya, Michael Smith, Christopher Yea

JSA

Investigating On-demand Use of Oral Sebetralstat in Adults and Adolescents with Hereditary Angioedema: Multi-center, Double-blind, Randomized, Placebo-controlled, Phase 3 KONFIDENT Trial and Open-label Extensions Designs

Michihiro Hide, Paul Audhya, Michael Smith, Christopher Yea

RSC-SCI

The Discovery of Sebetralstat, an Oral, Small Molecule Plasma Kallikrein Inhibitor to Treat Attacks of Hereditary Angioedema

Rebecca Davie

UCARE

Diagnosing Hereditary Angioedema (HAE) with Normal C1-INH (HAE nC1-INH) - A Real World ACARE Survey

Marc Riedl, Markus Magerl, Marcus Maurer, Sherry Danese, Julie Ulloa, Vibha Desai, Paul Audhya

Refining Prevalence Estimated of Hereditary Angioedema (HAE) with Normal C1-INH (HAE nC1-INH)

Markus Magerl, Marc Riedl, Marcus Maurer, Sherry Danese, Julie Ulloa, Vibha Desai, Paul Audhya

Treatment of Hereditary Angioedema (HAE) with Normal C1-INH (HAE nC1-INH) - A Real - World ACARE Survey

Marcus Maurer, Markus Magerl, Marc Riedl, Sherry Danese, Julie Ulloa, Vibha Desai, Paul Audhya

WSAAI

Efficacy of the Oral Plasma Kallikrein Inhibitor Sebetralstat (KVD900) by Attack Location in a Phase 2 Clinical Trial in Patients with Hereditary Angioedema

Emel Aygören-Pürsün, Andrea Zanichelli, Danny Cohn, Paul Audhya, Peter Williams, Christopher Yea, Michael Smith

Pharmacokinetic, Pharmacodynamic, and Safety Profile in Healthy Japanese and White Adults: Results from Phase 1, Randomized, Double-blind, Placebo-controlled Trial

Matthew Iverson, Stanford Jhee, Erik Hansen, Edward Duckworth, Sally Hampton, Esther Yoon

Targeted Literature Review to Assess the Studies Supporting Short-term Prophylactic Treatment Options for the Preprocedural Prevention of Attacks in Patients with Hereditary Angioedema

Marc Riedl, Jonathan Bernstein, William Lumry, Paul Audhya, Michael Smith, Christopher Yea

2022

AAAAI

Agreement of Patient Global Assessment of Change With Attack Resolution or Use of Rescue Medication in Patients with Hereditary Angioedema

Paul Audhya, Peter Williams, Christopher Yea, Danny Cohn

Rapid Plasma Kallikrein Inhibition Following Oral KVD900 is Associated with Early Symptom Relief in Patients with Hereditary Angioedema

Edward Duckworth, Edward Feener, Christopher Yea, Paul Audhya, Sally Hampton, Michael Smith

ACAAI

Impact of Hereditary Angioedema (HAE) Attacks on Quality of Life and Activities of Daily Living

Paula Busse, Teresa Caballero, Sally van Kooten, Sherry Danese, Ledia Goga

Real-World Treatment Burden Associated with Parenteral On-Demand Therapies for Hereditary Angioedema

Raffi Tachdjian, Sinisa Savic, Moshe Fridman, Joao Frade, Paul Audhya, Marie Fasehun

ASCIA

Sebetralstat Effectiveness in the Treatment of Hereditary Angioedema Attacks Rated Mild or Moderate at Baseline in the Phase 2 Trial

Hilary Longhurst, Michael Smith, Christopher Yea, Paul Audhya

Bradykinin Symposium

KONFIDENT Phase 3 Trial Design: Sebetralstat for Oral On-demand Treatment of HAE

Emel Aygören-Pürsün, Andrea Zanichelli, Danny Cohn, Henriette Farkas, Jonathan Bernstein, Paul Audhya, Michael Smith, Christopher Yea, William Lumry, Marc Riedl, Marcus Maurer

Pharmacological Characterization of a Novel FXIIa Inhibitor KV998068

Allen Clermont, Nivetha Murugesan, Daniel Lee, Saffron Smith, Hannah Edwards, Stephen Pethen, Edward Duckworth, Sally Hampton, Edward Feener

Pharmacology of KVD824, an Investigational Drug for Prophylaxis of HAE

Vesna Grivcheva-Panovska, Michael Smith, Edward Duckworth, Sally Hampton, Christopher Yea, Peter Mutch, Matthew Iverson, Erik Hanson, Edward Feener

EAACI

Efficacy and Safety of the Oral Plasma Kallikrein Inhibitor Sebetralstat (KVD900) in Adolescent and Adult Patients with Hereditary Angioedema: Phase 3 Trial Design

Emel Aygören-Pürsün, Andrea Zanichelli, Danny Cohn, Henriette Farkas, Jonathan Bernstein, Paul Audhya, Michael Smith, Christopher Yea, William Lumry, Marc Riedl, Marcus Maurer

Efficacy of the Oral Plasma Kallikrein Inhibitor Sebetralstat (KVD900) by Attack Location in a Phase 2 Clinical Trial in Patients with Hereditary Angioedema

Emel Aygören-Pürsün, Andrea Zanichelli, Danny Cohn, Paul Audhya, Peter Williams, Christopher Yea, Michael Smith

Population Pharmacokinetic Analysis of Sebetralstat (KVD900) in Healthy Volunteers and Patients with Hereditary Angioedema Predicts Similar Exposure in Adolescent Patients

Michael Smith, Trudy Rodgers, Johannah Sharman, Peter Mutch, Raffi Tachdjian, Sinisa Savic, Colm Farrell

EAC

Agreement Between Improvements in Patient Global Assessment of Change and Other Measures of Improvement and Attack Resolution Observed in a Phase 2 Trial with Sebetralstat (KVD900) in Patients with Hereditary Angioedema

Paul Audhya, Michael Smith, Peter Williams, Christopher Yea, Danny Cohn

KONFIDENT Phase 3 Trial Design for Sebetralstat (KVD900), a Novel Oral Plasma Kallikrein Inhibitor for the On-demand Treatment of Hereditary Angioedema Attacks

William Lumry, Emel Aygören-Pürsün, Andrea Zanichelli, Danny Cohn, Henriette Farkas, Jonathan Bernstein, Paul Audhya, Michael Smith, Christopher Yea, Marc Riedl, Marcus Maurer

Oral Sebetralstat (KVD900) Provides Rapid Inhibition of Plasma Kallikrein and Fast Improvement in Attacks in Patients with Hereditary Angioedema

Michael Smith, Edward Duckworth, Sally Hampton, Christopher Yea, Paul Audhya, Edward Feener

HAEi

The Global and Regional Impact of Hereditary Angioedema (HAE) Attacks on Mental Health, Activities of Daily Living and Quality of Life

Paula Busse, Teresa Caballero, Sally van Kooten, Sherry Danese, Ledia Goga

KININ

Oral Factor XIIa Blocks Angiotensin Converting Enzyme Induced Angioedema in Mouse

Allen Clermont, Nivetha Murugesan, Edward Feener

Oral FXIIa Inhibitor KV998086 Suppresses FXII Zymogen Mediated Kallikrein Kinin System Activation

Nivetha Murugesan, Daniel Lee, Edward Duckworth, Saffron Smith, Allen Clermont, Sally Hampton, Edward Feener

Oral Sebetralstat (KVD900) Provides Rapid Inhibition of Plasma Kallikrein in Patients with Hereditary Angioedema

Edward Duckworth, Daniel Lee, Nivetha Murugesan, Louise Rushbrooke, Sally Hampton, Michael Smith, Christopher Yea, Paul Audhya, Edward Feener

WAC

Statistical Model-Informed Design Of the Phase 3 Trial Sebetralstat for On-Demand Treatment of Hereditary Angioedema Attacks Using Simulations from Observed Phase 2 Data

Emel Aygören-Pürsün, Danny Cohn, Andrea Zanichelli, Henriette Farkas, Jonathan Bernstein, William Lumry, Marc Riedl, Christopher Yea, Paul Audhya, Michael Smith, Marcus Maurer

2021

ACAAI

On-demand Oral Treatment with KVD900 for HAE Attacks Achieves Rapid Exposure and Improves Patient Outcomes

Jonathan Bernstein, H Henry Li, Christopher Yea, Andreas Maetzel, Paul Audhya, Peter Williams, Aleena Banerji, Marc Riedl

Relationship Between PGI-C Scale and Other PROs in KVD900 Trial in Hereditary Angioedema

Paul Audhya, Peter Williams, Christopher Yea

ACS Fall

Discovery of KVD001: a Potent and Selective Small- Molecule Plasma Kallikrein Inhibitor for the Treatment of Diabetic Macular Edema

D Michael Evans, Gary Cook, Rebecca Davie, Hannah Edwards, Edward Feener, Sally Hampton, Marlene Modi, Stephen Pethen, Peter Robson, Michael Roe, David Rooker, Louise Rushbrooke, Christopher Yea

C1INH Workshop

Fast Improvement of HAE Attacks with the Oral On-demand Plasma Kallikrein Inhibitor KVD900: An Analysis of the Pharmacokinetic and Pharmacodynamic Profile of KVD900 and Attack Symptom Severity During a Double-blind, Randomized, Placebo-controlled Phase 2 Cross-over Trial in Patients with HAE Type I and II

Andrea Zanichelli, Emel Aygören-Pürsün, Danny Cohn, Henriette Farkas, Mauro Cancian, Roman Hakl, Tamar Kinaciyan, Markus Magerl, Inmaculada Martinez-Saguer, Marcin Stobiecki, Vesna Grivcheva-Panovska, Sorena Kiani-Alikhan, Irena Krcmova, Jonathan Bernstein, Michael Manning, Catherine Stroud, Jana Hanzlikova, H Henry Li, Hilary Longhurst, Isaac Melamed, Patrick Yong, Edward Feener, Matthew Iverson, Andreas Maetzel, Rachel Morten, Michael Smith, Marie Watissee, Peter Williams, Christopher Yea, Marcus Maurer, Aleena Banjeri, Marc Riedl

EAACI

A Single On-demand Treatment with Orally Administered with KVD900 significantly slows progression and accelerates resolution of Attacks in Patients with Hereditary Angioedema (HAE): Results of a Phase 2 Placebo-controlled, Double-blind Cross-over Trial

Emel Aygören-Pürsün, Andrea Zanichelli, Danny Cohn, Henriette Farkas, Mauro Cancian, Ramon Hakl, Tamar Kinaciyan, Markus Magerl, Inmaculada Martinez-Saguer, Marcin Stobiecki, Vesna Grivcheva-Panovska, Sorena Kiani-Alikhan, Irene Krcmova, Jonathan Bernstein, Michael Manning, Catherine Stroud, Jana Hanzlikova, H Henry Li, Hilary Longhurst, Isaac Melamed, Patrick Young, Edward Feener, Matthew Iverson, Andreas Maetzel, Rachel Morton, Michael Smith, Marie Watissee, Peter Williams, Christopher Yea, Marcus Maurer, Aleena Banerji, Marc Riedl

Current Management of Hereditary Angioedema with Normal C1 Inhibitor (nC1-INH) in the United States: Results of a Nationwide Survey of HAE-treating Physicians

Marc Riedl, Mark Danese, Sherry Danese, Julia Ulloa, Andreas Maetzel

Oral Plasma Kallikrein Inhibitor KV998052 Improves Arterial Blood Oxygenation in a Murine Model of Acute Respiratory Distress Syndrome (ARDS)

Nivetha Murugesan, Allen Clermont, Edward Feener

Prevalence of Hereditary Angioedema with Normal C1-Inhibitor (nC1-INH) in the United States: Results for a Nationwide Survey of HAE-treating Physicians

Marc Riedl, Mark Danese, Sherry Danese, Julia Ulloa, Andreas Maetzel

Selective Factor IIXa Inhibitor KV998083 Protects Mice Against Captopril Induced Vascular Leakage and Cleavage of High Molecular Weight Kininogen

Allen Clermont, Nivetha Murugesan, Hannah Edwards, Samantha Whitney, Stephan Pethen, Edward Duckworth, Sally Hampton, Edward Feener

ISTH

Selective Small Molecule Factor XIIa Inhibitor KV998083 Protects Against FeCl₃ Induced Arterial Thrombosis in Mice

Samantha Whitney, Allen Clermont, Nivetha Murugesan, Hannah Edwards, Edward Duckworth, Stephen Pethen, Sally Hampton, Edward Feener

KININ

Plasma Kallikrein and Bradykinin Induce Neural Retinal Dysfunction in Rodents

Allen Clermont, Nivetha Murugesan, Cheng-Mao Lin, David Antonetti, Edward Feener

2019

AAAAI

KVD900 as a Single Dose, Rapid, Oral Plasma Kallikrein Inhibitor for the On-Demand Treatment of Hereditary Angioedema Attacks: Pharmacokinetic and Pharmacodynamic Results from a Phase 1 Single Ascending Dose Study

Sally Hampton, Gian Marco De Donatis, Nivetha Murugesan, Louise Rushbrooke, Lily Li, Edward Duckworth, Michael Smith, Rachel Morton, Andreas Maetzel, Christopher Yea, Edward Feener

ARVO

Novel Oral Plasma Kallikrein (PKa) Inhibitors KV998052 and KV998054 Ameliorate VEGF-induced Retinal Thickening in a Murine Model of Retinal Edema

Nivetha Murugesan, Allen Clermont, Stephen Pethen, Lily Li, Edward Duckworth, Sally Hampton, Edward Feener

C1INH Workshop

KVD900, a New, Oral On-demand Treatment of Hereditary Angioedema Attacks Achieves Complete Plasma Kallikrein Suppression: Safety, Tolerability, Pharmacokinetic and Pharmacodynamic Results from a Phase 1 First in Human Study

Andreas Maetzel, Michael Smith, Edward Duckworth, Sally Hampton, Gian Marco De Donatis, Nivetha Murugesan, Louise Rushbrooke, Lily Li, Danielle Francombe, Edward Feener, Christopher Yea

High Plasma Exposures of KVD900 Achieved First in Human Study Markedly Inhibit Plasma Prekallikrein Activation; Early Blockade of Plasma Kallikrein (PKa) May Halt Attacks in Hereditary Angioedema (HAE) by Reducing Contact Activation System

Edward Duckworth, Sally Hampton, Lily Li, Nivetha Murugesan, Louise Rushbrooke, Michael Smith, Rachel Morten, Andreas Maetzel, Christopher Yea, Edward Feener

EAACI

Rapid and Nearly Complete Suppression of Plasma Kallikrein Activity with the Oral Inhibitor KVD900: Results from a Phase 1 Study Evaluating KVD900's Potential as a Treatment of Acute Attacks of HAE

Andreas Maetzel, Michael Smith, Rachel Morten, Sally Hampton, Gian Marco De Donatis, Nivetha Murugesan, Lousie Rushbrooke, Lily Li, Edward Duckworth, Edward Feener, Christopher Yea

2018

ARVO

A Novel Oral Plasma Kallikrein (PKal) Inhibitor KV123833 Blocks VEGF-mediated Retinal Vascular Hyperpermeability in a Murine Model of Retinal Edema

Nivetha Murugesan, Allen Clermont, Louise Rushbrooke, Peter Robson, Robrecht Thoonen, Stephen Pethen, Sally Hampton, Edward Feener

EAACI

KVD900 Protects High Molecular Weight Kininogen (HK) from Ex-vivo Plasma Kallikrein-mediated Cleavage in Plasma in Patients with Hereditary Angioedema (HAE): Results from a Semi-automated Capillary-based Immunoassay

Edward Feener, Nivetha Murugesan, Peter Robson, Lily Li, Louise Rushbrooke, Robrecht Thoonen, Gian Marco De Donatis, Marc Riedl, Bruce Zuraw, Sally Hampton

KININ

Efficacy of Plasma Kallikrein Inhibitors in Plasma is Dependent on the Rate of Formation of the Enzyme-inhibitor Complex

Gian Marco De Donatis, Nivetha Murugesan, Edward Duckworth, Peter Robson, Lily Li, Louise Rushbrooke, Edward Feener, Sally Hampton

2016

ARVO

Intravitreal Plasma Kallikrein (PK) Inhibition for Diabetic Macular Edema: A Phase 1 Study of the Novel PK Inhibitor KVD001

Jennifer Sun, Raj Maturi, David Boyer, John Wells, Victor Gonzalez, Robert Tansley, Helen Hernandez, Lloyd Aiello