

PATIENT INSIGHTS NETWORKS

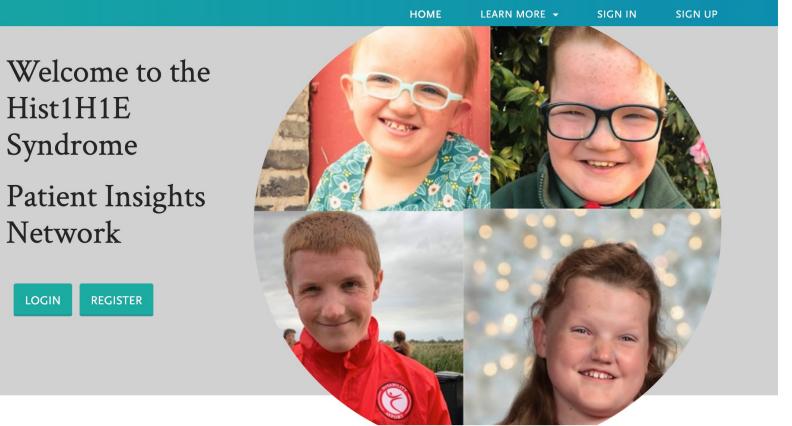
Hist1H1E PIN

- What is a PIN?
- Registration process
 - Privacy/Security
 - Opt in/or out of sharing in part or a whole
 - Adding family members easily
- Profile page view
 - Modules: Add healthcare provider / medical records / send us an email
 - ClinGen Data Sharing why consent?
- Why Join?
 - For your family
 - View Data / Survey exports / Records gathered
 - Hear about research relevant to the Hist1H1E community
 - For the Hist1H1E community
 - Infographic for Hist1H1E
 - Sharing data with researchers to speed diagnosis, treatments and cures
 - Create a valued community of families that are research ready



PATIENT INSIGHTS NETWORKS

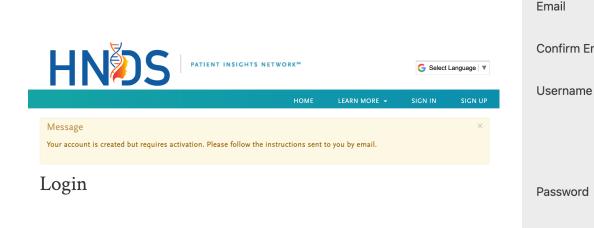
G Select Language



https://connect.invitae.com/en/?org=hist1h1E

Account registration page

- Click JOIN on the homepage to register
- Complete initial information, which you can edit at any time
- Return to your email for verification
- Follow the email link to log in!



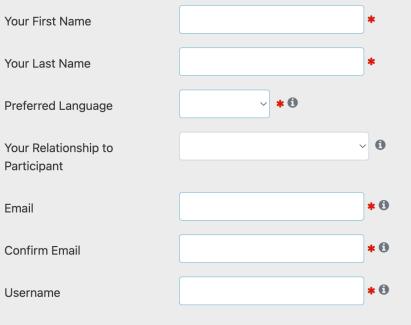
Account Registration

Invitae PIN collects health information in a way that protects your privacy and allows you to control access to your information. To register, you must meet one of the following:

- Have or be at risk to develop a health condition, be age 18 or older and be able to make your own medical decisions
- Represent a child or dependent who has or is at risk to develop a health condition and for whom you can legally make medical decisions.

Questions about privacy?

* The fields with the asterisk are required.



Please enter a valid password. No spaces, at least 8 characters and contain at least 1 lowercase letter, 1 upper-case letter, 1 number, and 1 symbol character

Show	*0

€v Invitae Connect PIN - Please activate your Invitae CONNECT account 🛛 🧐 🗸 (i) Getting too much email? Unsubscribe | Manage subscriptions $\leftarrow \ll \rightarrow \cdots$ Invitae Connect PIN Sign Up To: You Thu 5/4/2023 7:31 AM Dear a, Thank you for creating an Invitae CONNECT account. Please complete the set-up process by clicking on this link: https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fconnect.invitae.com%2Fen%2Fcb-

profile%2Fconfirm.html%3Fconfirmcode%3Drege1678e17a2c574018de5d57e7771d7e4078ca02e&data=05%7C01%7C%7C20283dd 0e6044e7d66ef08db4cac4355%7C84df9e7fe9f640afb435aaaaaaaaaaaaa%7C1%7C0%7C638188074962135335%7CUnknown%7CTWF pbGZsb3d8eyJWljoiMC4wLjAwMDAiLCJQljoiV2luMzliLCJBTil6lk1haWwiLCJXVCl6Mn0%3D%7C3000%7C%7C%7C&sdata=uY3n8ghby ghgFABWjPTG1bA1X4ONIhgQWD5qdxeGHf0%3D&reserved=0

activation process is complete.

The Invitae Phenomics Team

https://na01.safelinks.protection.outlook.com/?

Email verification link leads back to the log in screen, where your username and password are ready to use





Participant details page

- Complete the registration process
- Safely and securely enter information about the person with Hist1H1E
- Click submit to see your profile page!

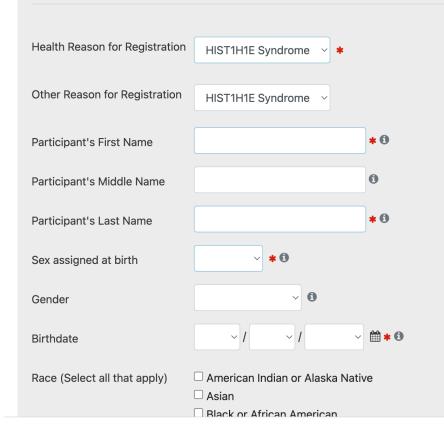
Message

Missing required fields. Please complete your profile.

Have questions about your paticipation or want to withdraw your participation? Click here The link leads to a webform that will allow you to notify us of your intention to withdraw.

Participant

The person with or at risk for the health condition



Privacy and Security (see the FAQ page)

https://connect.invitae.com/en/learn-more/frequently-asked-questions.html

Who will have access to my PIN information?

Your privacy is our priority. Only trained PIN managers will have access to your identifying information. You can set your sharing preferences for each survey that you complete. You can also change your sharing preferences at any time. All personal identifiers, such as your name or email address, are removed before your answers are shared. We built our systems to make sure your data is safeguarded.

In accordance with your contact preferences, your email address will only be used by Invitae for direct messages. How will my identity be protected?

All personal identifiers, such as your name or email address, are removed before your information is shared unless you ask us to disclose your contact information.

Who owns the data?

You own your data. Patients opt in and choose to share their information, and they can just as easily opt out. We are grateful that so many PIN participants are willing to share their information to support research.

Who, besides me, can access the data?

With your permission, de-identified information is made available to the greater medical community, including nonprofit organizations, advocacy groups, doctors, research scientists, medical investigators, regulatory agencies, pharmaceutical, biotech, and biomedical companies.

Can I withdraw if I change my mind?

Yes. You can change your sharing preferences or ask to withdraw your information from the PIN in full at any time. De-identified information shared before you leave the PIN cannot be recalled.

Who should I contact if I have any questions?

Please contact us at <u>connect@invitae.com</u> if you have any questions.

Your **PROFILE** page

See your PROFILE page to:

Take surveys about your family's experience

Easily add additional affected family members without reregistering

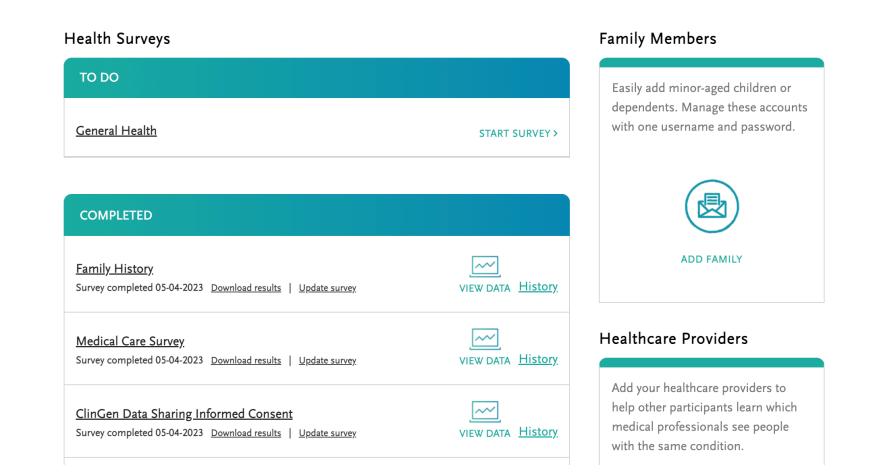
Search for or add your healthcare provider information

Access your account information

Send the PIN Coordinator a message

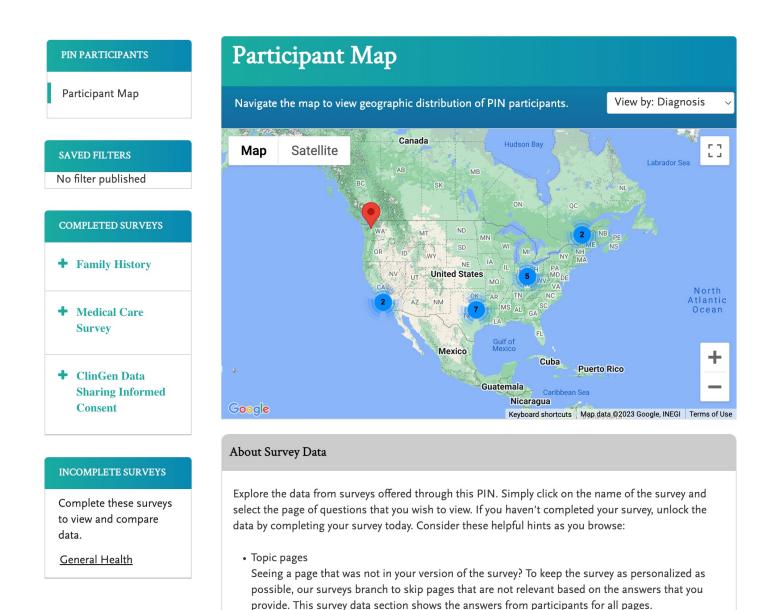
Welcome back, Jo Anne!

You do not have to complete the survey at one time. You may log out at any time and your answers will be saved. For more detailed instruction, click here.



VIEW DATA tab in the main menu bar

- Offers an opportunity to see a generalized map of participants in the PIN (no locations are shared)
- Opportunity to see charts and graphs of where your survey answers sit among all the Hist1H1E families that answered the same question
- Filter your charts by diagnosis, by age, by gender etc. to dive deeper into the data



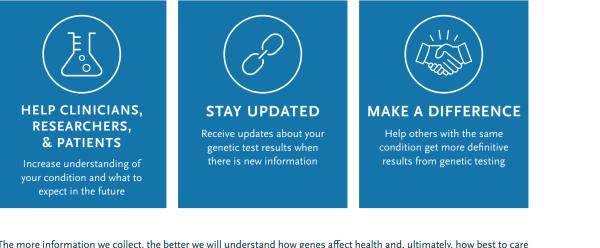
Share your Genetic Test Results



Help clinicians and researchers better understand genomics by giving patients a way to share their genetic test results safely and securely with ClinGen, an NIH-funded resource.

Why share genetic test results

When a laboratory finds a genetic change (variant) for the first time, they often know little about it. Even if a genetic variant is well understood, data sharing helps increase understanding of a condition's features, which may help identify possible interventions and treatments.



The more information we collect, the better we will understand how genes affect health and, ultimately, how best to care for patients.

WHO IS CLINGEN?

ClinGen is a National Institutes of Health (NIH)-funded resource dedicated to building an authoritative central resource that defines the clinical relevance of genes and variants for use in precision medicine and research. This resource relies on data sharing. Patient health information that ClinGen helps to share is de-identified and securely stored.

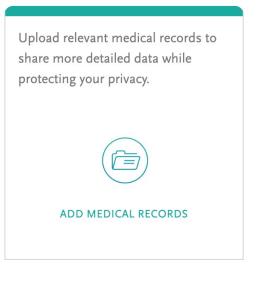
• Take the consent survey on your profile:

ClinGen Data Sharing Informed Consent

Survey completed 05-04-2023 Download results | Update survey

• Upload a pdf of genetic testing results:

Testing Results



- Your test results will be curated and contributed to ClinGen
- YOU choose to be updated if any new information is discovered about your specific results

Patients living with: HIST1H1E Syndrome

Data highlights from the Invitae Patient Insights Network



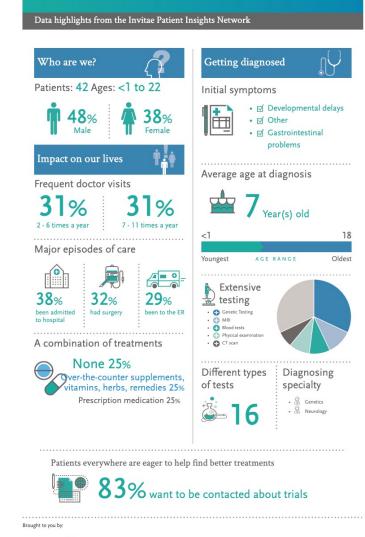


Initial symptoms

- Developmental delays
- 🗹 Other
 - Gastrointestinal problems

Average age at diagnosis

https://pindirectory.invitae.com/infographic/infographic/d/3147-hist1h1esyndrome



Want to learn more?

Patients living with: HIST1H1E Syndrome

HNDS