



Genetic Testing and  
Counseling Program<sup>\*†</sup> for  
**Hereditary ATTR (hATTR)  
Amyloidosis** Offered at  
No Charge<sup>‡</sup>

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**Consider genetic testing and  
counseling for your patients;  
Alnylam Act<sup>®</sup> provides one  
option for eligible individuals**

<sup>\*</sup>While program is sponsored by Alnylam Pharmaceuticals, all services are performed by independent third parties.

<sup>†</sup>Genetic counseling only available in the U.S.

<sup>‡</sup>To patients, physicians, or payers.

# About hATTR amyloidosis

## What is hATTR amyloidosis?

hATTR amyloidosis is a progressive, debilitating, and often fatal familial disease. hATTR amyloidosis is an autosomal dominant disease caused by a mutation in the transthyretin (TTR) gene that results in misfolded TTR proteins accumulating as amyloid deposits in multiple sites including the nerves, heart, and gastrointestinal (GI) tract.<sup>1-3</sup>

## Why use genetic testing for hATTR amyloidosis?

Due to the rapid progression of the disease, patients with hATTR amyloidosis benefit from an early and accurate diagnosis.<sup>3-5</sup> A genetic test can help shorten the diagnostic journey and expedite clinical management of hATTR amyloidosis.<sup>1</sup>

## Is family screening important?

hATTR amyloidosis is an inherited disease and may affect multiple individuals within a family.<sup>1</sup> If you have a patient with hATTR amyloidosis, consider genetic testing in blood-related family members to accelerate diagnosis.



Edgar Sr., living with  
hATTR amyloidosis



# About AInylam Act<sup>®</sup>

## What is AInylam Act<sup>®</sup>?

AInylam Act<sup>®</sup> is a sponsored, no-charge, third-party genetic testing and counseling program for patients with a family history or suspected diagnosis of hATTR amyloidosis. The AInylam Act<sup>®</sup> program was developed to reduce barriers to genetic testing and counseling to help people make more informed decisions about their health.

## What genes are tested through AInylam Act<sup>®</sup>?

Genetic testing for hATTR amyloidosis can be ordered through a single gene test for the TTR gene or as part of larger panels. The larger panels test for changes in the TTR gene as well as for changes in other genes associated with hereditary conditions that may have overlapping symptoms with hATTR amyloidosis.

## How much does genetic testing and counseling cost through AInylam Act<sup>®</sup>?

Through the AInylam Act<sup>®</sup> program, genetic testing and counseling is offered at no charge\* to individuals who meet the eligibility criteria.

## **The AInylam Act<sup>®</sup> program was created to provide access to genetic testing and counseling to patients as a way to help people make more informed decisions about their health.**

- While AInylam provides financial support for this program, tests and services are performed by independent third parties
- Healthcare professionals must confirm that patients meet certain criteria to use the program
- AInylam receives de-identified patient data from this program, but at no time does AInylam receive patient-identifiable information. AInylam uses healthcare professional contact information for research and commercial purposes
- Genetic testing is available in the US and Canada. Genetic counseling is only available in the US
- Healthcare professionals or patients who use this program have no obligation to recommend, purchase, order, prescribe, promote, administer, use, or support any AInylam product
- No payers, including government payers, are billed for this program

\*To patients, physicians, or payers.

# Getting started

Once the decision to undergo genetic testing and counseling has been made:

## Step 1 Determine eligibility for genetic testing\*

To be eligible for genetic testing through Alynlam Act®, patients must be at least 18 years old and meet the requirements below:

- Family history of hATTR amyloidosis, **or**
- Suspected diagnosis of hATTR amyloidosis

## Step 2 Order a genetic test



### Start your order

- Request blood or saliva kits to get started at: [invitae.com/request-a-kit](https://www.invitae.com/request-a-kit)
- Complete the Invitae requisition form for Alynlam Act® (hATTR amyloidosis), and fax it to 415-276-4164 or insert the form in the Invitae specimen collection kit before shipment
- Note: You can also place an order through the online ordering portal at: [invitae.com/alnylam-act-ttr](https://www.invitae.com/alnylam-act-ttr)



### Submit patient sample

- Collect a blood or saliva sample using Invitae's specimen collection kit
- Follow the collection and shipping instructions inside the Invitae kit
- Note: Invitae offers the ability to send saliva collection kits directly to patients for at-home saliva collection



### Review results

- Receive results in 10-21 calendar days, on average
- You will receive a notification email once the test results are ready. If you created an online account, you can view the status of your order by logging into your account

Questions about variant of uncertain significance (VUS) results?  
Invitae's Clinical Support Services are available to help aid in interpretation and resolution of VUS results. To discuss, please email [clinconsult@invitae.com](mailto:clinconsult@invitae.com) or call **1.800.436.3037**

# Getting started (*continued*)

## Genetic counseling (optional)



### Refer patient for genetic counseling at any time

- Instruct your patient to call InformedDNA at 1-888-475-3128 to schedule an appointment
- Patient may seek multiple genetic counseling sessions throughout the process, and counseling is available before, during, and after genetic testing



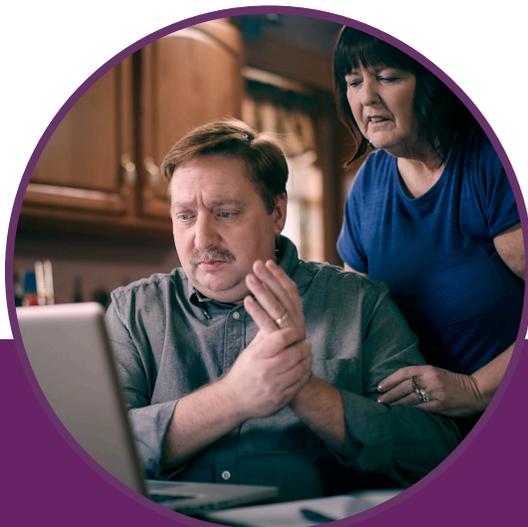
### Prepare patient for their appointment

Patient will need to reference the Alynlam Act<sup>®</sup> program and provide your contact information (name, address, phone, and fax number) when scheduling their appointment



### Receive results

A detailed summary report of your patient's genetic counseling session will be delivered to you via fax



**FOR ASSISTANCE WITH GENETIC COUNSELING**  
call InformedDNA at **1.888.475.3128**

**FOR ASSISTANCE WITH GENETIC TESTING**  
contact Invitae at [invitae.com/contact](https://www.invitae.com/contact) or  
**1.800.436.3037**

AlynlamAct 

**References:** **1.** Ando Y, Coelho T, Berk JL, et al. *Orphanet J Rare Dis.* 2013;8:31. **2.** Swiecicki PL, Zhen DB, Mauermann ML, et al. *Amyloid.* 2015;22(2):123-131. **3.** Adams D, Coelho T, Obici L, et al. *Neurology.* 2015;85(8):675-682. **4.** Conceição I, González-Duarte A, Obici L, et al. *J Peripher Nerv Syst.* 2016;21(1):5-9. **5.** Obici L, Kuks JB, Buades J, et al. *Curr Opin Neurol.* 2016;29(suppl 1):S27-S35.

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675 W Kendall St | Cambridge, MA 02142 USA  
MED-US-TTR02-1800623  
01.2020