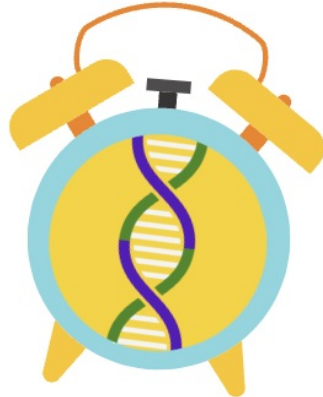




Aug. 2022 - Nov. 2022
Topic #5:
Autism



It's TIME to kick-off Topic #5:
Autism & Genetics

For the next 4 months we will explore the topic of
Autism and Genetics in various ways:

August: Newsletter (you are reading that now!)

September: Webinar (**coming up on September 22, [register here](#)**)

October: Check your Snail Mailbox for some MAIL!

November: Family Centered Perspectives & Conversation

Please take an hour (or more!) to review the resources in this newsletter.

Recruiting now for Cohort #3!

Also, please feel free to forward this newsletter on to a colleague and invite
them to **APPLY** (click button below)

to be part of **Cohort #3** of Time 4 Genetics clinics.

Check out Dr. Katalenas' (from Cohort #1) testimonial **here**.

(Cohort #3 starts March 2023 and the deadline to apply is 1/15/23).

We thank you for taking TIME 4 GENETICS!

Time 4 Genetics Application for Cohort #3

Time 4 Genetics Library (Archive of Past Topics)

Register NOW!

September 22, 2022

(at 11am PT, noon MT, 1pm CT, and 2pm ET)

Webinar: Autism: What Can Genetics Tell Us?

CME and CEU is available



JOIN US FOR THE TIME 4 GENETICS WEBINAR:

AUTISM: WHAT CAN GENETICS TELL US?



September 22, 2022
(at 11am PT, noon MT, 1pm CT, and 2pm ET)

Guest Presenter:
Naomi Meeks, MD
Assistant Professor, Pediatrics
Clinical Genetics and Metabolism
University of CO School of
Medicine & The Children's
Hospital Colorado

MSRGN's *Time 4 Genetics Initiative* is a primary
care provider genetics education program
focusing on pediatric genetic topics.

[Register Here](#)

This initiative is supported by the Health Resources and Services Administration (HRSA) of the U.S. Department of Health and Human Services (HHS) as part of an award totaling \$500,000.00 with 0 percent financed with non-governmental sources. The contents are those of the author(s) and do not necessarily represent the official views of, nor an endorsement, by HRSA, HHS, or the U.S. Government. For more information, please visit HRSA.gov. In support of improving patient care, this activity has been planned and implemented by Mountain States Regional Genetics Network and Projects to Knowledge. Projects to Knowledge is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Time 4 Genetics Webinar:

September 22, 2022

"Autism: What Can Genetics Tell Us?"

Featuring Guest Presenter:

Naomi Meeks, MD

Assistant Professor, Pediatrics

Clinical Genetics and Metabolism

University of CO School of Medicine

& The Children's Hospital Colorado

To register please click: [here](#)

For a clickable and ready to share PDF
version of this flyer please
download: [here](#)

Register for the Webinar Here

Resources for TOPIC #5: Autism



Beyond the MCHAT: Autism as a Systemic Condition

Free CME/CMU available after watching the recording

Geneticist, Stephen Kahler and family leader, Kristi Wees, co-present on underlying co-occurring systemic medical conditions that occur with a diagnosis of autism.

Many of these conditions have metabolic and genetic underpinnings and can provide clues if further genetic workup may be needed.

Watch the recording [here](#).



2 Journal articles about Autism and Genetics

1) Identification, Evaluation, and Management of Children With Autism Spectrum Disorder

Pediatrics, Vol 145, Issue 1, January 2020

[download here](#)

2) Genetic Causes and Modifiers of Autism Spectrum Disorder

Front. Cell. Neurosci., August 2019

[download here](#)



A Genetics Education Autism Factsheet (PDF)

from our colleagues from down under!

A group from Australia called "The Center for Genetics Education" has a library of resources and factsheets for families and providers.

The factsheet for Autism can be downloaded [here](#).

Check out their other Understanding Genetics resources [here](#).



Developmental Delay Algorithm

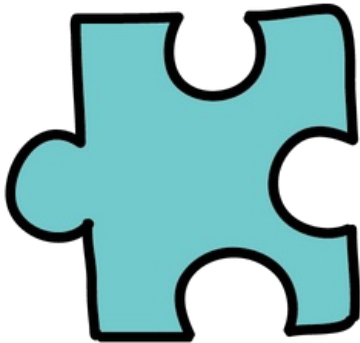
When evaluating a child for autism, often times developmental delays are discovered during this assessment, this developmental delay algorithm can be helpful in guiding a primary care provider in ordering some preliminary genetic testing if developmental delays are present for the patient.

*Your Genetic Questions Answered MSRGN Videos for Families
(click on question to view YouTube video)*

- 1) Why does my son have autism and his 3 siblings do not?
- 2) How does my son's genetics affect his autism diagnosis?
- 3) Is there ever a reason any child diagnosed with autism or a developmental delay should NOT be screened for genetic abnormalities?

Topic #5: Challenge: Autism

*For each topic area we will issue a challenge
for you to try over the next few months:*



Topic #5 Challenge**

Run a database search based on diagnostic code for autism in your EHR. Review the charts of 10 of your patients who have a diagnosis for autism and identify any "red flags" for genetics that you may want to discuss further with the family on their next visit and explore genetic testing for those patients who are interested.

**Please note participation in this challenge is not a required activity of the Time 4 Genetics Initiative but rather a challenge to bring your attention to this topic over the next 4 months. We would love your input if you choose to participate!

DATA TIME!

**Don't Forget
COHORT #1 & 2
Data from Topic #4
(Genetic Testing)
is DUE NOW!**

[Download the Zip Code
Collection Tool Here](#)

We are all done with topic #4! We hoped you enjoyed the Genetic Testing topic area.

Please **email Kristi** any zip codes (**download tool here**) of those patients with whom you utilize any of the Time 4 Genetics information,

[Take Topic #4 Survey Here](#)

resources, and tools! You can also include any zip code of patients you used Topic #1 (Red Flags), Topic #2 (Developmental Delays), or Topic #3 (EDS) info for as well!

Email Kristi with your Zip Code Data

If you have not yet had a chance to provide feedback on topic #4 through the **evaluation/survey**, please take about 10-15 minutes to share your honest feedback with us so we can continue to improve Time 4 Genetics.

THANK
you

This publication and Time 4 Genetics initiative are supported by the Health Resources and Services Administration (HRSA) of the U.S. Department of Health and Human Services (HHS) as part of an award totaling \$600,000 with 0 percentage financed with nongovernmental sources. The contents are those of the author(s) and do not necessarily represent the official views of, nor an endorsement, by HRSA, HHS, or the U.S. Government. For more information, please visit HRSA.gov.

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www.MountainStatesGenetics.org



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