

Video Clip Library
Topic: Atypical Hemolytic Uremic Syndrome

Presented at the University of Iowa 2011



In Partnership with
The Foundation for Children with Atypical HUS

What is aHUS?

What is aHUS? – 4:44 (Dr. Carla Nester)

<http://www.youtube.com/watch?v=eeJcdhhucyc>

Genetics Contributing to aHUS – 4:13 (Dr. Richard Smith)

<http://www.youtube.com/watch?v=j9WFOhQMO20>

Genetic Causes of aHUS – 3:12 (Dr. Richard Smith)

http://www.youtube.com/watch?v=0ysdwl_ot0

What We Know from Data – aHUS Overview – 2:43 (Dr. Carla Nester)

<http://www.youtube.com/watch?v=bFISxAI2FeM>

Diagnosis of aHUS – 2:54 (Dr. Carla Nester)

http://www.youtube.com/watch?v=0rhhvPoQV_M&feature=youtu.be

Distinguishing aHUS vs. TTP vs. D+ aHUS infectious HUS – 4:38 (Dr. Carla Nester)

<http://www.youtube.com/watch?v=HsadxUPeKcs>

ADAMTS13 and TTP – 3:35 (Dr. Tara Maga)

http://www.youtube.com/watch?v=Mksn3t0_Jnc

aHUS Symptoms – Concerns and Associated Complications – 1:27 (Dr. Carla Nester)

<http://www.youtube.com/watch?v=nKjAlgkDATk>

What is aHUS? – 1:38 (Dr. Tara Maga)

<http://www.youtube.com/watch?v=3b2mDbdfELs>

aHUS is a Complex Disease – 0:51 (Dr. Tara Maga)

<http://www.youtube.com/watch?v=cjpEdfqTYgg>

aHUS Statistics Now and Then – 1:29 (Dr. Carla Nester)

<http://www.youtube.com/watch?v=V02gzxojhkl&feature=youtu.be>

aHUS Information Discovery Timeline – 1:34 (Dr. Carla Nester)

<http://www.youtube.com/watch?v=DmQf9xENwGw&feature=youtu.be>

aHUS Affects Multiple Organs – 2:43 (Dr. Carla Nester)

<http://www.youtube.com/watch?v=qDD9Z7GQC5Y>



Diagnosing aHUS

Suspecting a Diagnosis of aHUS – 2:02 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=SjmcFxDrMyE>

Distinguishing aHUS vs. TTP vs. D+ aHUS infectious HUS – 4:38 (Dr. Carla Nester)

<http://www.youtube.com/watch?v=HsadxUPeKcs>

Development of aHUS vs DDD – 1:15 (Dr. Tara Maga)

<http://www.youtube.com/watch?v=iWoQmQH2Hg0>

ADAMTS13 and TTP – 3:35 (Dr. Tara Maga)

http://www.youtube.com/watch?v=Mksn3t0_Jnc

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aHUS Symptoms – Concerns and Associated Complications – 1:27 (Dr. Carla Nester)

http://www.youtube.com/watch?v=LK_iiy5Er60&feature=youtu.be

aHUS Statistics Now and Then – 1:29 (Dr. Carla Nester)

<http://www.youtube.com/watch?v=V02gzxojhkl&feature=youtu.be>

aHUS Affects Multiple Organs Manifestations – 2:43 (Dr. Carla Nester)

<http://www.youtube.com/watch?v=qDD9Z7GQC5Y>

Laboratory Tests to Monitor aHUS – 3:01 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=ODiP9dm9Tb4>

Options for aHUS Patients with Kidney Failure ESRD – 4:49 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=FRcVnK6ld3U>



aHUS and Genetics

Genetics Contributing to aHUS – 4:13 (Dr. Richard Smith)

<http://www.youtube.com/watch?v=j9WFOhQMO20>

Genetic Causes of aHUS – 3:12 (Richard Smith, MD)

http://www.youtube.com/watch?v=0ysdwl_ot0

aHUS Mutations - Variants in Factor I, Factor H, and MPC – 1:54 (Dr. Richard Smith)

<http://www.youtube.com/watch?v=edQZQFkftS8>

Development of aHUS vs DDD – 1:15 (Dr. Tara Maga)

<http://www.youtube.com/watch?v=iWoQmQH2Hg0>

Plasmapheresis and Factors H and I – 1:34 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=-ERpa12CfRM>

Complement Factor H SCRs – 2:46 (Dr. Richard Smith)

<http://www.youtube.com/watch?v=9GXIH8WuKDU>

Phenotype Components – 0:53 (Dr. Tara Maga)

http://www.youtube.com/watch?v=ew_mpFGG1-l

Genotype Phenotype Correlations – 1:49 (Dr. Tara Maga)

http://www.youtube.com/watch?v=9p0ISfq_Zml

Cascade Variants – 7:01 (Dr. Tara Maga)

<http://www.youtube.com/watch?v=a-uzKmNDgjc>

A Platform for Novel aHUS Gene Discovery – 3:57 (Dr. Tara Maga)

<http://www.youtube.com/watch?v=LEyZLyCEKgU>

Recombinant Factor H Future Treatment – 2:21 (Dr. Richard Smith)

<http://www.youtube.com/watch?v=4ym29rlp3HQ>



Genetic Testing

Importance of Genetic Testing – 1:19 (Dr. Richard Smith)

<http://www.youtube.com/watch?v=uPdGZgu7a1s>

MORL Genetic Screening Process – 5:58 (Dr. Richard Smith)

<http://www.youtube.com/watch?v=PgwbkZcrC4I>

Genetic Screening and aHUS – 2:16 (Dr. Carla Nester)

<http://www.youtube.com/watch?v=4yjmbrk6RVs>

Genetic Abnormalities and aHUS Patient Outcomes – 1:00 (Dr. Carla Nester)

<http://www.youtube.com/watch?v=3950dSUdNXA>

Alternative Pathway Features and Factors – 1:13 (Dr. Carla Nester)

<http://www.youtube.com/watch?v=7roLLnUTHMo&feature=youtu.be>

Genetic Testing, A Future Platform – 1:10 (Dr. Richard Smith)

<http://www.youtube.com/watch?v=ky-LTjGuywU>



Presentation Comments: Eculizumab (Soliris®)

Eculizumab and its Use with Kidney Disease – 3:34 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=RBuejs4ahu8>

Eculizumab - Resemblance to a Human Protein – 1:27 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=kVEwjzMR0Q>

Eculizumab and Future Drugs – 2:37 (Dr. Richard Smith)

<http://www.youtube.com/watch?v=ISfFa0T8Bzc>

Considerations with Eculizumab – 2:01 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=GrtugAenb0U>

Eculizumab, Transplants, and Antibody Reactions – 2:33 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=9X7gzFtuOsY>

Kidney Transplants with Eculizumab – 2:11 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=siMfyboD2-g>

Kidney Transplants - Eculizumab Protocol – 1:06 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=hx1w0HbWaLM>

aHUS and Eculizumab - Data from Studies – 2:53 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=tmp1yYY9Bvk>

Eculizumab in 2009 Transplant Case (Factor H) – 1:20 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=sAVqD4hhuys>

Eculizumab Cost vs. Expenses of other aHUS Treatments – 0:57 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=9kzQtr7c4NQ>

Eculizumab and the Complement Cascade – 1:06 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=8bENo1cV6NI>



aHUS and The Role of Complement

The Complement Cascade – 3:29 (Dr. Richard Smith)

<http://www.youtube.com/watch?v=vkg-ILhy0Tk>

Alternative Pathway Features and Factors – 1:13 (Dr. Carla Nester)

<http://www.youtube.com/watch?v=7roLLnUTHMo&feature=youtu.be>

Compliment Factor H SCRs – 2:46 (Dr. Richard Smith)

<http://www.youtube.com/watch?v=9GXIH8WuKDU>

Complement Control and aHUS MAC Attack – 1:22 (Dr. Richard Smith)

<http://www.youtube.com/watch?v=0rGOqittkis>

The Complement Cascade – 0:55 (Dr. Tara Maga)

<http://www.youtube.com/watch?v=3g9eu2c6odI&feature=youtu.be>

Cascade Variants – 7:01 (Dr. Tara Maga)

<http://www.youtube.com/watch?v=a-uzKmNDgjc>

Complement Activation in aHUS – 0:57 (Dr. Richard Smith)

http://www.youtube.com/watch?v=ATaUF_NwIAQ

Anti-Complement Therapeutics – 0:55 (Dr. Christie P. Thomas)

http://www.youtube.com/watch?v=y5Kvrhg_MmY

Eculizumab and the Complement Cascade – 1:06 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=8bENo1cV6NI>

aHUS and Eculizumab Data from Studies – 2:53 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=tmp1yYY9Bvk>



Patient Treatment Options:

Plasma Therapies (Plasmapheresis, Plasma Infusions, etc.)

When Should Plasmatherapy be Considered? – 4:01 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=DwPq3ub1Qmk>

Plasmatherapy for Acute and Long-Term Treatment – 1:50 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=ZaOKw3DS8JA>

Anti-Complement Therapeutics – 0:55 (Dr. Christie P. Thomas)

http://www.youtube.com/watch?v=y5Kvrhg_MmY

Plasmapheresis and Factors H and I – 1:34 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=-ERpa12CfRM>

Options for aHUS Patients with Kidney Failure ESRD – 4:49 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=FRcVnK6ld3U>

Considerations for Plasma Treatment Plans – 2:46 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=1WtXyZfpwZw>

Challenges with Plasma Therapy – 1:47 (Dr. Christie P. Thomas)

<http://www.youtube.com/watch?v=XYGLEHrJhFc>

Genetic Abnormalities and aHUS Patient Outcomes – 1:00 (Dr. Carla Nester)

<http://www.youtube.com/watch?v=3950dSUdNXA>



Transplants and the aHUS Patient

Physician Considerations for aHUS Transplant Candidates – 1:22 (Dr. Christie P. Thomas)
<http://www.youtube.com/watch?v=ewfQ5hvMdI0>

Kidney Liver Transplants – 3:03 (Dr. Christie P. Thomas)
<http://www.youtube.com/watch?v=aEygJ6JNM8>

Kidney Transplant with Eculizumab – 2:11 (Dr. Christie P. Thomas)
<http://www.youtube.com/watch?v=siMfyboD2-g>

Kidney Transplant - Eculizumab Protocol – 1:06 (Dr. Christie P. Thomas)
<http://www.youtube.com/watch?v=hx1w0HbWaLM>



aHUS- Future Directions

Recombinant Factor H Future Treatment – 2:21 (Dr. Richard Smith)
<http://www.youtube.com/watch?v=4ym29rlp3HQ>

Genetic Testing Future Platforms – 1:10 (Dr. Richard Smith)
<http://www.youtube.com/watch?v=ky-LTjGuywU>

Findings Confirmed in Other Labs – 1:16 (Dr. Tara Maga)
<http://www.youtube.com/watch?v=-hzvRoADv5w>

Eculizumab and Future Drugs – 2:37 (Dr. Richard Smith)
<http://www.youtube.com/watch?v=ISfFa0T8Bzc>

Future Directions Goals and Questions – 2:33 (Dr. Carla Nester)
<http://www.youtube.com/watch?v=h1iJ1euTe04>

A Platform for Novel aHUS Gene Discovery – 3:57 (Dr. Tara Maga)
<http://www.youtube.com/watch?v=LEyZLyCEKgU>



FMI: Watch the presentations in their entirety , filmed at the **University of Iowa's aHUS Family Conference, 2011.**

View Dr. [Carla Nester](#)'s complete presentation.

View Dr. [Richard Smith's](#) complete presentation.

View Dr. [Christy Thomas'](#) complete presentation.

Join the discussion! Visit the interactive website of **The Foundation for Children with Atypical HUS** at www.atypicalhus.org with [more information](#) available regarding aHUS.



Become of member of [RareConnect](#) (a joint partnership of *NORD* and *EURORDIS*) at their global networking [aHUS webpage](#) dedicated to inform and support aHUS patients and their families.