

# The Clotting Connection

A Newsletter for Families with Bleeding and Clotting Disorders

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Hemophilia and Thrombosis Center  
UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS



Affiliated with  
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## GET TO KNOW DR. BUCKNER, NEW HTC DIRECTOR

You may have read last month that Dr. Tyler Buckner has been named as the new Director of the Hemophilia and Thrombosis Center. Dr. Buckner took on this role starting in October of 2024 after Dr. Mike Wang retired. We wanted to spotlight Dr. Buckner this month to help you get to know him a little better.

Dr. Buckner began working at our HTC in January of 2015 and has been a great example of calm leadership, disciplined research, and has built a great relationship with patients over the years. He is an Associate Professor in the Hematology Division of the Department of Medicine here at CU Anschutz Medical Campus. He attended Rhodes College in Memphis, Tennessee, and the University of North Carolina School of Medicine in Chapel Hill, North Carolina, where he earned his MD. He also earned his master's in science degree at the University of North Carolina, Gillings School of Global Public Health in Chapel Hill.

For many years now, Dr. Buckner has been working on various studies, including a focus on managing pain and quality of life for people with hemophilia and bleeding disorders. He just recently presented a poster at the American Society of Hematology (ASH) annual meeting which focused on the reduction of pain following bleeding episodes in hemophilia patients. Many of you reading this newsletter may remember participating in his study looking at how we measure pain—if you remember answering questions about pain on a tablet or your phone, then you helped Dr. Buckner's work on this project!



Tyler and his family love to get outdoors and enjoy fun adventures together, such as snowshoeing. Photo: Tyler Buckner

Tyler has also worked with the National Bleeding Disorders Foundation's Medical and Scientific Advisory Council (MASAC) for the past 6 years, an advisory group that issues recommendations and advisories on treatments, research, or other health concerns for those in the bleeding disorders community. His work is included in their guidelines on managing pain and mental health support for patients. He also helped create the HTC Pain Clinic at our center, a multi-disciplinary collaboration to provide care to people with chronic pain and bleeding disorders.

In his spare time, Tyler enjoys reading, woodworking, hiking, traveling, and spending time doing activities with his family. He also has a great sense of humor and is a great sport - he has created some clever and creative costumes for Halloween! Tyler grew up



Learn a little more about Dr. Tyler Buckner, our new HTC Director.



Dr. Buckner won "Most Creative" costume for his "Catcher in the Rye" outfit for Halloween 2022. Photo: Merilee Ashton

### INSIDE THIS ISSUE

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Find us on Facebook, Twitter, and our website for frequent updates on news and events.



Go to [facebook.com/ColoradoHTC](https://facebook.com/ColoradoHTC)



Go to [twitter.com/HTCColorado](https://twitter.com/HTCColorado)



Website: Go to

[medschool.cuanschutz.edu/hemophilia-thrombosis](https://medschool.cuanschutz.edu/hemophilia-thrombosis)



Email:

[HTC.Newsletter@ucdenver.edu](mailto:HTC.Newsletter@ucdenver.edu)



Tyler on Halloween 2017 as “The Black Knight” of Monty Python fame, and as an epic “Sirius Black” in 2019 during our Harry Potter Halloween, when everyone dressed as Harry Potter Characters.  
Photos: Merilee Ashton

[Continued from page 1] in Tennessee and remains an avid supporter of the University of Tennessee Vols (Go Big Orange!), though he also picked up an enduring love for UNC basketball (Go Heels!) during his 14 years in North Carolina.

Dr. Buckner enjoys getting to know patients and helping them overcome challenges and reach their goals. He is focused on helping our HTC continue to grow and improve our ability to serve patients.

He shared, **“Our patients are always our first priority and our North Star.”**

Our HTC has seen many changes and overcome challenges in the past several years, including managing high-quality care for patients during a pandemic. Tyler stands out as always willing to find a way to help our patients thrive. He views the HTC as his extended family, and he is honored to continue to serve our patients and their families in his new role as director.

Our HTC clinic, pharmacy, and admin offices will be closed for upcoming holidays. With these closures, as well as the unpredictable nature of shipping this time of year, we ask that our pharmacy patients make sure they have enough of their medication on hand in the event of any delays in shipping.

**Dec. 24-26: Closed for Christmas Holiday**

**Jan. 1, 2025: Closed for New Year’s Day**

**Last date to ship Pharmacy Orders:**

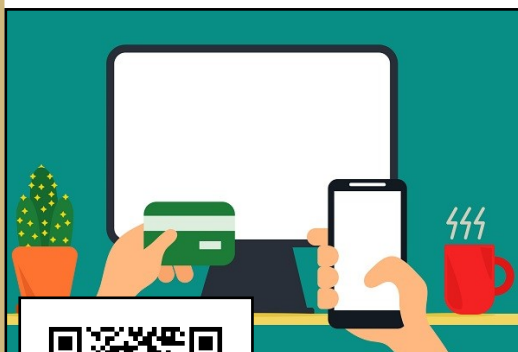
**Before Christmas: Monday, Dec 23, 2024**

**Before New Year’s Day: Monday, Dec 30, 2024**

To contact our clinic or pharmacy over a holiday, see our after-hours info at <https://medschool.cuanschutz.edu/hemophilia-thrombosis/contact-us>.



## PAY YOUR PHARMACY BILL ONLINE



Simply scan this QR code and it will take you to the payment page. Or go to our website and find our Pay My Bill page.

Did you know that you can now pay your pharmacy bill online? Our HTC pharmacy is now able to accept payments for prescriptions using a debit or credit card right from our website.

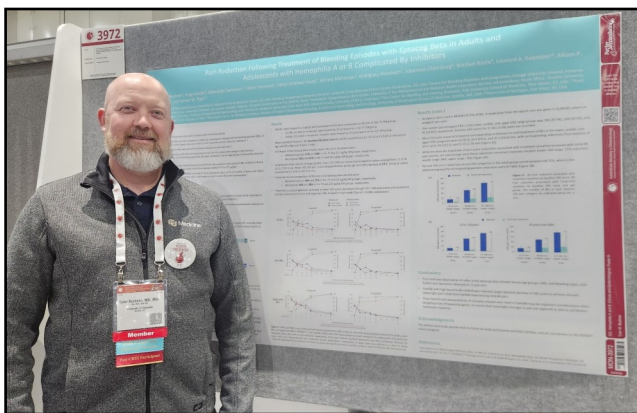
You can pay by going to our [website’s Pay My Bill page](#), or you can pay on your phone by using the QR code!

In order to pay, you will need the **claim number** from your invoice, and the **patient’s initials**.

If you have any questions about your pharmacy bill, or are having any issues with paying your pharmacy bill online, details can be found at our website at [medschool.cuanschutz.edu/hemophilia-thrombosis/pay-my-bill](https://medschool.cuanschutz.edu/hemophilia-thrombosis/pay-my-bill), or you can contact our HTC pharmacy by phone at **303-724-0168** or **1-888-297-0724**, or email us at [hemophilia@ucdenver.edu](mailto:hemophilia@ucdenver.edu).



## HTC RESEARCHERS ATTEND ASH



Dr. Tyler Buckner presenting his poster at ASH in December 2024. Photo: Tyler Buckner

Several of our HTC team were able to attend and participate in the 2024 American Society of Hematology (ASH) Annual Meeting and Exposition held on Dec 7-10, 2024, in San Diego, CA. Our HTC had several abstracts, papers, posters, and presentations that were shared at the annual event that hosts over 32,000 people.

The conference is a wonderful opportunity for our research team to connect, learn, and share results from ongoing studies our center is involved in. Some of the research our HTC was involved with shared analysis from patients using new medications, coagulation topics, and studies on pain.

One member of our undergraduate research team, Joshua Wischmeyer, was awarded the “Outstanding Abstract Achievement Award” for undergraduates and was honored at the event. He worked closely with Dr. Marilyn Manco-Johnson, researcher

Christine Baird, and other researchers from our campus. Their abstract and presentation shared a discovery our HTC found in a patient with a severe history of clotting, who exhibited enormous Factor 8 activity. After whole genome sequencing, our team discovered he had a novel SNP mutation in his Factor 8 gene. Lab testing followed, including developing a new assay to evaluate his inadequate Protein C inactivation of F8, and molecular modeling data bolstered these findings. Our researchers were able to make plasmids to express his novel F8 in E. Coli, which will allow further study of this protein and the mechanisms of this mutation. It is a hopeful piece of the puzzle that this discovery could eventually have therapeutic implications for the treatment of hemophilia A in future patients.

After submitting this abstract, the journal *Blood* asked our researchers to submit their manuscript for a future publication. Our team is optimistic that this patient’s participation in research at our center and the hard work by our experts can make an impact on future therapies for others.

Keith Neeves, our Scientific Director, was also able to attend ASH to present on research our lab has been working on. Megan Jewell, our lab manager, and several others, worked with him on an analysis of why having less Factor V can counter-intuitively improve clotting and what the biological mechanism behind this is. Their research supports previous observation and research helping us understand why hemophilia A patients with similar factor VIII levels can have a large variability in symptom severity.

Our new director, Dr. Tyler Buckner, presented a poster session on pain reduction following bleeding episodes and shared that there were many interesting and productive conversations during his poster session. Former HTC Director, Dr. Mike Wang also attended in support of research he participated in with the HAVEN 7 study, looking at children receiving emicizumab prophylaxis from birth.

The meeting was a success overall and a great opportunity for the work our HTC does to be highlighted. The connection and knowledge our team gain at such a conference also allows us to keep up to date with the latest developments and pass that information along to help our patients with their care and quality of life.

Thank you to all our team who worked hard to prepare and share the research done at our center to make life better for those with bleeding and clotting disorders around the world. Congratulations to all who participated!



Top: Dr. Marilyn Manco-Johnson with Joshua Wischmeyer and Christine Baird at ASH 2024. Bottom: Joshua Wischmeyer receiving the Outstanding Abstract Achievement Award for an Undergraduate Student. Photos Joshua Wischmeyer

## RECENT HEADLINES

These are a few of the headlines that we've recently featured on our Newsroom page or on Social Media:

**Phase 3 Gene Therapy Trial Shows Giroctogene Fitelparvovec Safe, Effective Investigational Hemophilia A Gene Therapy Updates Shared at ASH**

**Potential Hemophilia Treatment SerpinPC Halted by Centessa**

**Study Finds Missing Clotting Proteins in Hemophilia Patients Can Directly Affect Bone Health**

**Study Shows Sevenfact Safe, Effective for Patients with Hemophilia A or B with Inhibitors**

We maintain a newsroom page at our website with a list of news articles that may be of interest to our patients and families. Go to [medschool.cuanschutz.edu/hemophilia-thrombosis/resources/newsroom](https://medschool.cuanschutz.edu/hemophilia-thrombosis/resources/newsroom) to read more. We also share news on our [Facebook](#) and [Twitter](#) accounts.

Sign up to get this newsletter delivered directly to your email box each month! Just go to [eepurl.com/bnszoz](http://eepurl.com/bnszoz) or scan the QR code and fill out the form!



QR Code to Subscribe!

## UPCOMING EVENTS

### Mark Your Calendars:

**Please note. These dates may be tentative and subject to change. Please check appropriate websites for confirmation of events.**

**Dec 24-26:** Clinic, Pharmacy, and Admin offices closed for Christmas Holiday—limited services Dec 23 & 27

**Jan 1, 2025:** Clinic, Pharmacy and Admin offices closed for New Year's Day

**Jan 11:** NBDF Colorado Pickleball Activity

**Jan 17-19:** RMHBDA Education Weekend—Bozeman, MT

**Jan 20:** Clinic, Pharmacy, and Admin offices closed for Martin Luther King Jr. Day

**Feb 7-9:** NBDF Colorado Education Empowerment Days

**See more at our Events Page on our website:** [medschool.cuanschutz.edu/hemophilia-thrombosis/resources/events-calendar](https://medschool.cuanschutz.edu/hemophilia-thrombosis/resources/events-calendar)

**ME-WE-HTC** We create hope.

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or toll free at 888-297-0724

Pharmacy Main: 303-724-0168

or toll free at 888-724-7427

Web page:

[medschool.cuanschutz.edu/hemophilia-thrombosis](https://medschool.cuanschutz.edu/hemophilia-thrombosis)

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