

The Fritsma Factor

YOUR INTERACTIVE HEMOSTASIS RESOURCE

Cheat Sheet—September 2024

Hello and welcome to our September 2024 Fritsma Factor Cheat Sheet. Although we anticipate fall's return on this Labor (Labour) Day weekend, the temperature here today in Birmingham, Alabama, USA is 97° Fahrenheit/36° Celsius. This is the time that laboratory science students return to their classroom and laboratories, a phenomenon that is reflected in the number of users recently added to our moderated roster. We welcome all users and look forward to your participation.

August 2024 QQ: Hemophilia Treatment Response

Several hemophilia A or B treatments are in development or have been approved since 2021. Awaiting approval are the “rebalancing” preparations that suppress control proteins antithrombin (AT) or tissue factor pathway inhibitor (TFPI). Rebalancing preparations compensate for poor thrombin production in FVIII or FIX deficiency without using factor bypassing agents or factor replacement concentrates. Our [August question](#) asked you to identify the RNA inhibitor (RNAi) that suppresses antithrombin mRNA production. [Here is the summary of your responses](#).

September 2024 QQ: PTT

We employ the PTT as a coagulopathy screen, and PTT reagent manufacturers calibrate their reagent so the result is prolonged at a carefully chosen FVIII or FIX deficiency level. Our September 2024 Quick Question asks, “[At what FVIII activity level should the PTT become prolonged?](#)” As always, please post your thoughts in the Comment section.

Northeast Lab Conference, Portland, ME, USA, October 15–16 2024.

My (Geo) favorite generalist lab conference, [NELC](#), offers four hemostasis presentations:

- *Tuesday, 10/15, 10–11:30: Thrombophilia Update, Susan J Leclair; 1:30–3: Hemostasis Case Studies, Malissa Norfolk*
- *Wednesday, 10/16, 10–11:30: Have we Cured Hemophilia? George A. Fritsma; 1:30–3: Interesting Coag Case Studies: Questions and Conundrums, LaShanta Brice*

I look forward to seeing you in Portland and thank you for your continued interest in Fritsma Factor.

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