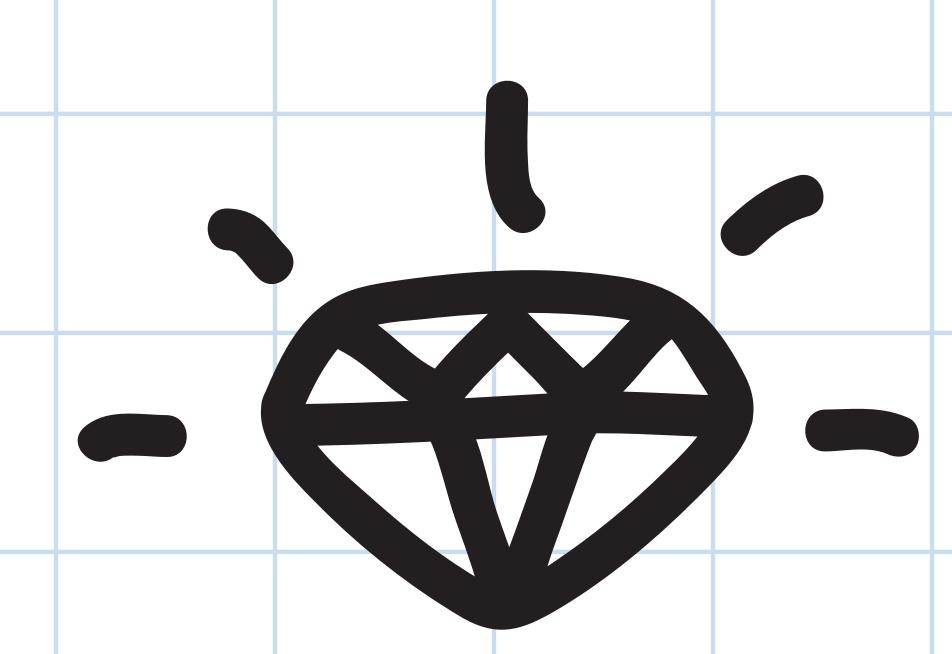
VON WILLEBRAND DISEASE



Did You Know?

Symptoms include mucocutaneous bleeds such as nose bleeds, bleeding from the mouth or gums, and heavy menstrual bleeding in women; however, symptoms can also include joint and muscle bleeds similar to those seen in hemophilia, which can complicate diagnosis and treatment decisions.

There are three types of vwd:

TYPE 1:

Low vWF levels; generally mild;

OF PEOPLE WITH VWD

TYPE 2:

Normal vWF levels, but the protein behaves erratically; four subtypes (2A, 2B, 2M, and 2N);

OF PEOPLE

WITH VWD

TYPE 3:

Little or no vWF; generally severe;

OF PEOPLE WITH VWD

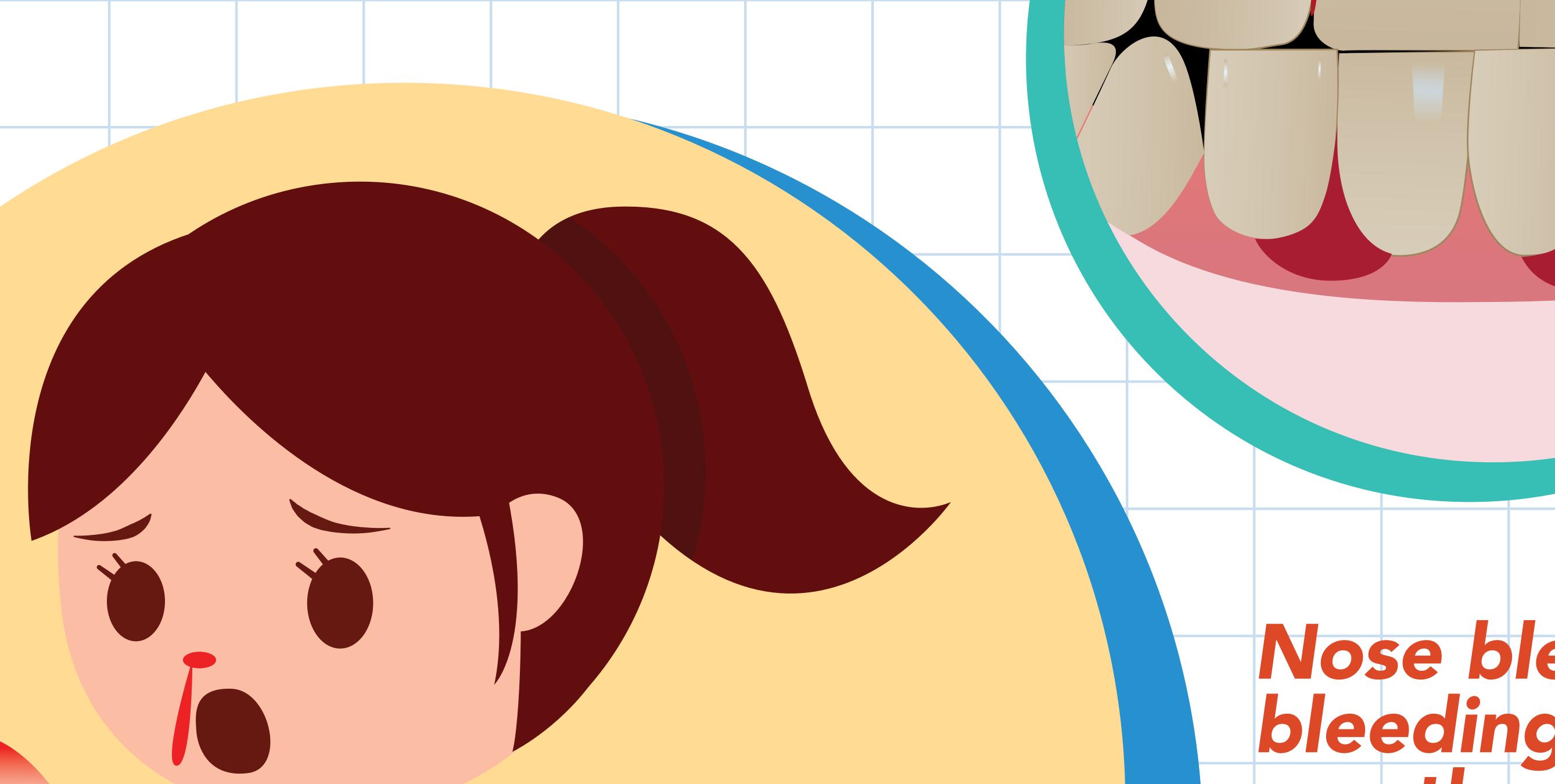
Von Willebrand Factor (vWF)

has two critical functions to play in helping to prevent or stop bleeding; it helps develop platelet plugs and it protects inactive factor 8 proteins floating through the bloodstream. When vWF is missing or deficient, a person is said to have von Willebrand Disease (vWD).

"There are individuals that have this disease but don't know it. Because we have such effective treatments, I want to try to identify those individuals who are sitting at home having difficulty with bleeding and don't realize, with an accurate diagnosis, there would be effective treatments available for them."

- Dr Paula James

Medical Director of the Women and Bleeding Disorders Clinic at the Kingston General Hospital.



Nose bleeds and bleeding from the mouth or gums, are 2 common symptoms of vVD.



It is believed that as few as 1 in 10 people who have von Willebrand disease have been properly diagnosed! Up to 90% of people with this bleeding disorder don't yet know it and suffer needlessly.