

A guide for men with von Willebrand disease

Answers to common questions, to help you understand your condition



What is von Willebrand disease (VWD)?

VWD is the most common inherited bleeding disorder, affecting up to 1 in 100 people.

In VWD, blood is unable to clot normally, so when people with VWD bleed, it takes longer to stop.

VWD occurs when people don't have enough of a substance called von Willebrand factor (VWF) in their blood, or if their VWF doesn't work properly. VWF is an essential component for blood clotting.

When we bleed from a cut, small blood cells called platelets clump together in a clot to plug the injury. Normally, VWF acts like a glue to stick the platelets together and strengthen the clot. But in VWD, this 'glue' effect is reduced, so clots take longer to form or are weak.



What types of VWD are there?

There are different types of VWD. Your doctor will be able to tell you which type you have:

Type 1 VWD

This is the most common and least severe form. Around three-quarters of people with VWD have type 1. People with type 1 VWD have low levels of VWF. They may also have low levels of factor VIII (spoken as 'factor 8'), which is another substance involved in blood clotting.

Type 2 VWD

Around one guarter of people with VWD have type 2. Here, the amount of VWF in the blood may be low or normal, but the VWF does not work as well as it should

There are four main subtypes of type 2 VWD: 2A, 2B, 2M and 2N. Each relates to a specific fault in the way VWF behaves.

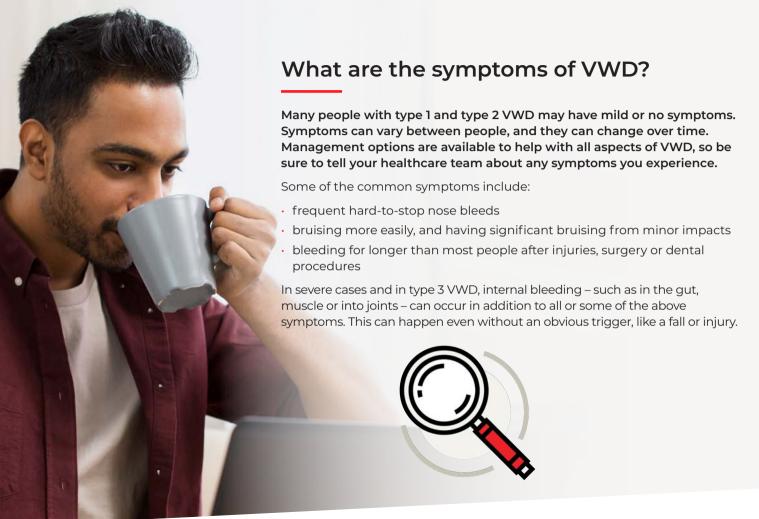
Type 3 VWD

This is the rarest and most severe form of inherited VWD, affecting one person in every half a million. People with type 3 VWD have virtually no VWF in their blood. They also have low levels of factor VIII.

Acquired VWD

In extremely rare cases, VWD can occur as a result of other medical conditions, such as lupus, heart disease and some cancers.







How do people get VWD?

VWD can affect both males and females and it is usually inherited, when one or both parents pass a faulty VWF gene to their children.

Humans have two copies of most genes. Sometimes a normal gene can reduce the impact of its faulty partner, but if both copies are faulty the effects are more severe. This is the case with the VWF gene:

- · If one parent passes a faulty VWF gene to their child, but the other parent passes on a normal VWF gene, the child may have no symptoms or develop the milder forms of VWD
- If both parents pass on a faulty VWF gene, their child is likely to have more severe VWD

Some people are born with VWD even if neither of their parents have it. That happens if the VWF gene developed a fault (or 'mutation') in the embrvo.

In extremely rare cases, other medical conditions in later life, such as heart disease and some cancers, can cause VWD.

It is impossible to 'catch' VWD of any type, so it can never be passed on like a cold or flu.







Is there a cure for VWD?

VWD cannot be cured, but there are a range of ways that the condition can be managed. These enable most people with VWD to live full and active lives, with a normal life expectancy.

Your doctor or nurse will discuss management options with you. Together, you can decide the most appropriate course of action for you, based on your type of VWD, lifestyle and symptoms.



Can I still be active and play sports?

Being physically active is important for health and wellbeing, and people with mild or moderate VWD can participate in most sports and exercise.

For some patients it will be advisable to avoid high-contact sports and dangerous pursuits. The sports or activities that suit you best will depend on your type of VWD and symptoms, so check with you doctor or nurse specialist before taking part.

Can I shave with a razor?

Although electric shavers are a wise choice to avoid nicks and bleeding while shaving, some people still prefer to use a razor. Talk to your doctor or nurse specialist about shaving practices.

Can I have body piercings and tattoos?

Body piercings and tattoos can cause bleeding, so talk to your doctor or nurse specialist if you are considering having one.





Who should I tell about my VWD?

When you see a healthcare professional, be sure to tell them you have VWD. This includes doctors, surgeons and dentists, physiotherapists, opticians and chiropodists.

When a diagnosis of VWD has been confirmed, you will be given an alert card to keep with you and show to any healthcare professionals you are in contact with. Some people also like to wear a medical alert bracelet or have their medical information stored on their mobile phone in case of emergency.





Where can I find out more?

Your doctor or specialist nurse will be able to answer any questions that you may have.

The Haemophilia Society provides help and support to people with bleeding disorders, including VWD. Find out more by calling 020 7939 0780.



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