



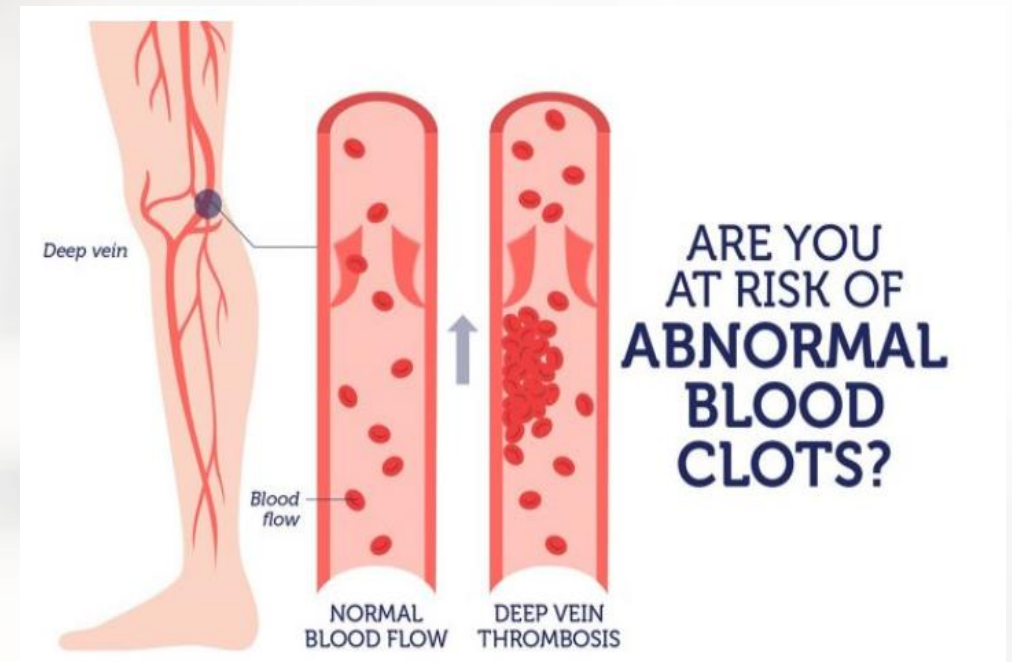
# FACTOR V LEIDEN

GENETIC TESTING

## What is Factor V Leiden ?

- Factor V Leiden is an inherited blood clotting disorder
- Mutation of those gene is a Single nucleotide polymorphism (SNP)
- It is the most common hereditary hypercoagulability disorder
- It causes an increased tendency to form blood clots in the deep veins of the legs or arms (deep vein thrombosis or DVT)

Do you know DNA can cause thrombophilia?



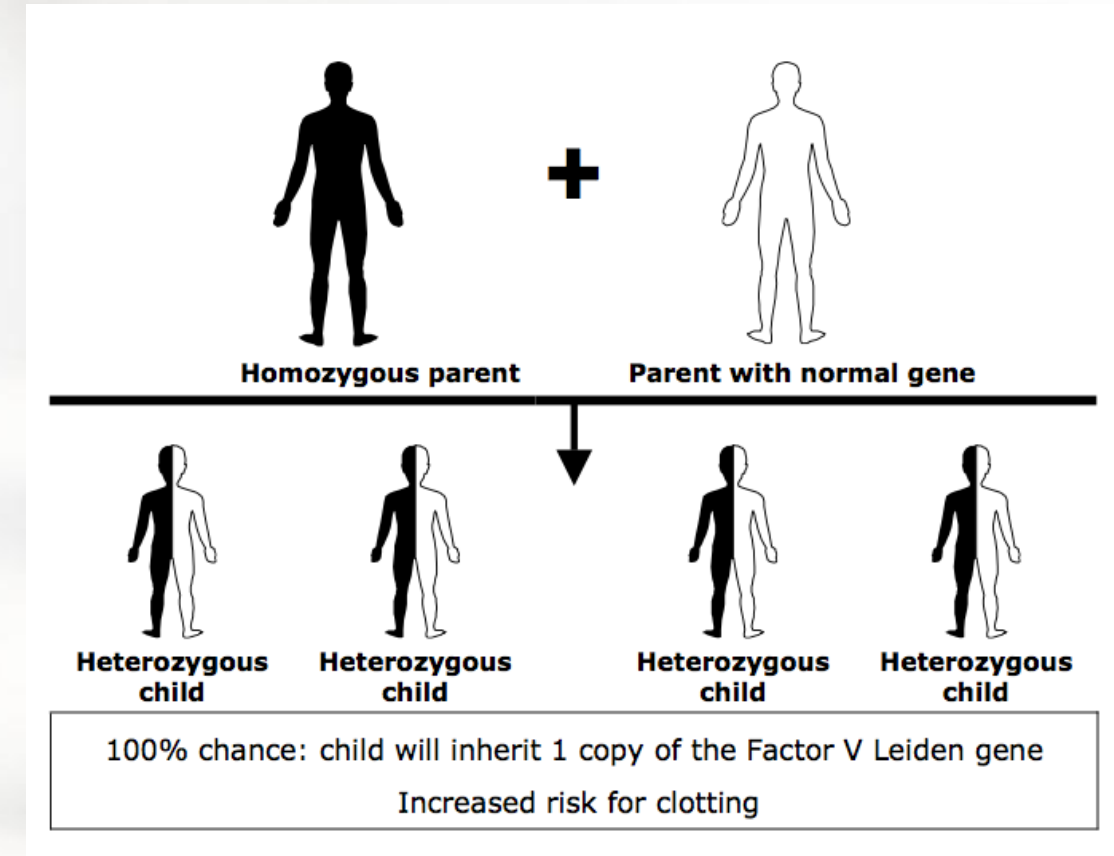
## Symptoms of Factor V Leiden

- **abnormal bleeding** after giving birth, having surgery, or being injured.
- **abnormal bleeding** under the skin.
- umbilical cord bleeding at birth.
- nosebleeds.
- bleeding gums.
- easy bruising.
- heavy or prolonged menstrual periods.
- bleeding within organs like the lungs or intestinal tract.

## Are you at risk?

Factor V may be a disorder, but by identifying risk factors, and by making wise choices towards prevention, it is possible to live a long and healthy life. Find out if you are at risk of forming abnormal blood clots with the **Greenarray Factor V genetic Test**

## Who is at risk of having Factor V Leiden?



## Who should get tested?

A family history of factor V Leiden increases your risk of inheriting the disorder.

People who have inherited factor V Leiden from only one parent have a 5 percent chance of developing an abnormal blood clot by age 65. Factors that increase this risk include:

- Two faulty genes.** Inheriting the genetic mutation from both parents instead of just one can significantly increase your risk of abnormal blood clots.
- Immobility.** Extended periods of immobility, such as sitting during a long airplane flight, can increase the risk of leg clots.
- Estrogens.** Oral contraceptives, hormone replacement therapy and pregnancy can make you more likely to develop blood clots.
- Surgeries or injuries.** Surgeries or injuries such as broken bones can increase your risk of abnormal blood clots.
- Non-O blood type.** Abnormal blood clots are more common in people who have blood types of A, B or AB compared with those with blood type O.

## Why choose GreenArray for Testing of Factor V Leiden?

Green Array provides rapid test results for Real-Time patient care.

A blood sample is taken and sent to our lab, real time assay is done to assess your results.

Early diagnosis ensures early treatment for Factor V Leiden

Our lab ensures rapid and accurate results in real time.

PCR based test gives confirmatory results with less time and is more sensitive

## What does Greenarray Factor V test determine?

A blood test (called a screening test) can show if you have Activated **Protein C** resistance.

If you do, another blood test that examines your genes (called DNA) will be done to find out if Factor V Leiden is the cause of the resistance and what type of Factor V Leiden you have

## About Green Array

Green Array is a molecular diagnostic company. We offers diagnosis of infectious diseases, genetic testing and healthcare information to improve health and wellness. Our goal is to provide high quality affordable and accessible services