

## Protein C, protein S, and anti-thrombin III as natural anticoagulant

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### Abstrak

Hemostatic disorders, which could cause (venous or arterial) thrombosis or bleeding, are often found during hospital care. Common manifestations of thrombosis are inner vein thrombosis, cardiac infarct, stroke, or even recurrent miscarriage. In addition to hemorrhological defect, certain clinical conditions such as diabetes mellitus or hypercholesterolemia are risk factors that also play a role in the hemostasis system.

The hemostasis system depends on vascular endothelial conditions, platelet function (in this case platelet aggregation), coagulation function, anti-coagulation, fibrinolysis, and anti-fibrinolysis. If one of these conditions or functions is disturbed, the hemostatic system may also be disturbed.