

Risk factors → Atheroma rupture, damage or dysfunction

Inflammation

Adhesives molecules ↑
Monocytes ↑
Lymphocytes ↑
Inflammatory markers ↑
Nitric Oxide ↓
Endothelin ↑

Tissue factor exposed
Platelet activation
Clotting factor activation
Activation of fibrinolytic factors

Lysis with release of
thrombin-bound fibrin

Thrombin
Generation

Thrombus

Thrombus growth

