DIC

Disseminated Intravascular Coagulation

(overstimulation of coagulation process)

PT prolonged

Activation of Extrinsic coagulation pathway

↓

Release of thromboplastin into maternal bloodstream due to abruptio placenta, retained placenta, pre-eclampsia

PTT prolonged

Activation of Intrinsic coagulation pathway

↓

Damage to endothelial cells due to sepsis

Accelerates hemostatic mechanism

↓

↑ in thrombin

↓

Acceleration of fibrinogen to fibrin conversion

Causes ↓ fibrinogen

↓

↑ clot formation

Causes ↓ platelets due to consumption

↓

Lysis of clots

↓

↑ fibrin split products (fibrin degradation products)

↑ FSP

↓

HEMORRHAGE