**Figure.** Regulation of Plasmin Activation and the Fibrinolysis/Coagulation System\(^1,2\)

**A**

Plasminogen

- Activation of Plasminogen by tPA
- Inhibition of Plasminogen by PAI-1

Plasmin

- Activation of Plasmin by uPA
- Inhibition of Plasmin by Alpha 2-antiplasmin

**B**

Fibrinogen

- Fibrinolysis by Plasmin

Fibrin Monomer

- Self-association and cross-linking

Fibrin Clot

- Coagulation

Fibrin Degradation Products (including D-Dimer)

Fibrin Degradation Products (Fragments X, D, Y, E)

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A, Pathway for activation and inhibition of plasmin. B, Coagulation and fibrinolysis pathway. tPA indicates tissue plasminogen activator; uPA, urokinase plasminogen activator; and PAI-1, plasminogen activator inhibitor-1.