



Severe Coagulopathy

- Massive blood loss
- Dilutional coagulopathy
- Multiple trauma
- Consumption
- Severe liver failure



Coagulation Test

- Activated partial thromboplastin time (APTT): sec
- Prothrombin time (PT): sec, %, INR
- Thrombin time (TT): sec
- Fibrinogen: mg/dL
- D-dimer, FDP (fibrin degradation product)



Example of Coagulogram

Severe coagulopathy

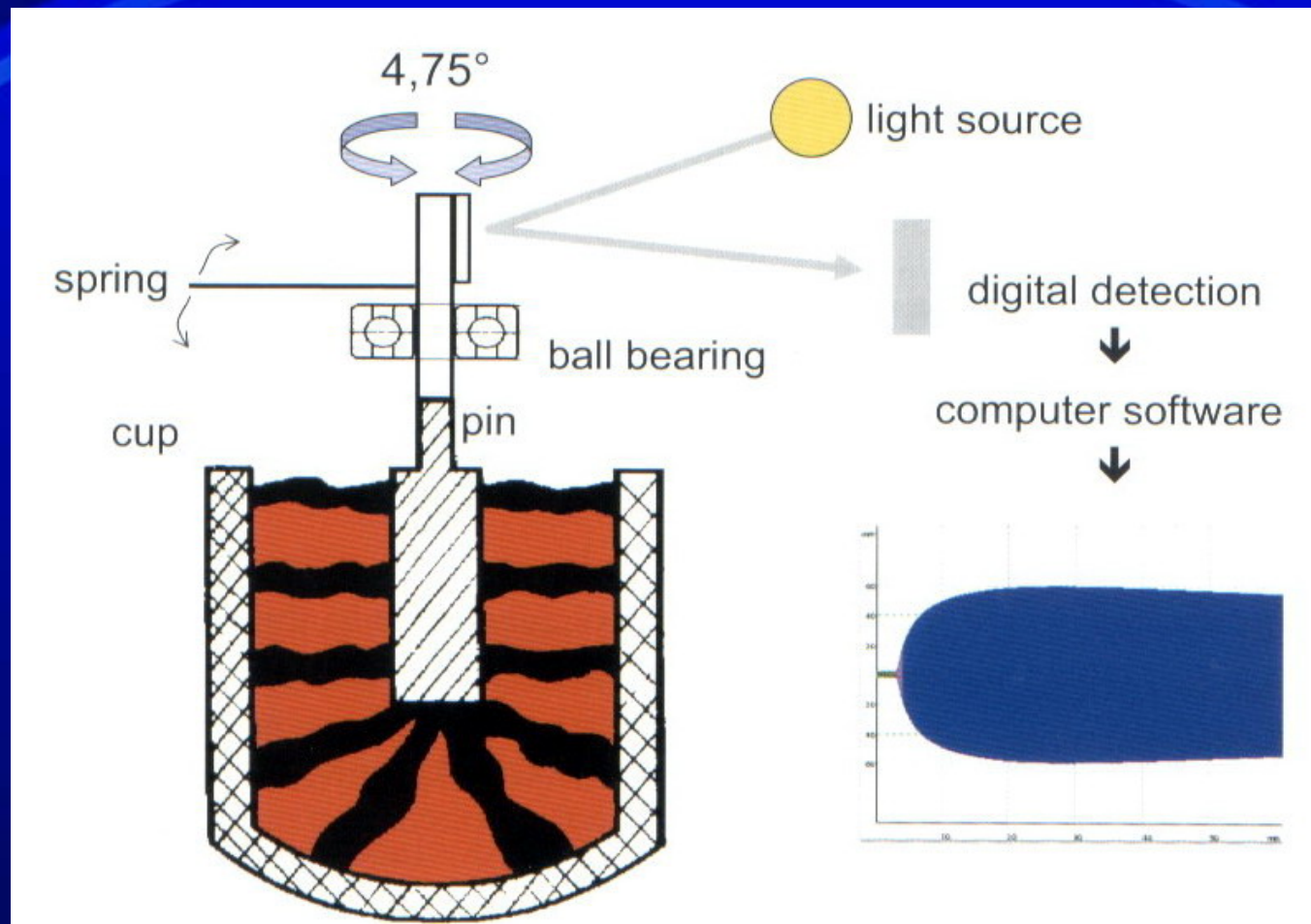
- APTT > 200 sec
- PT >200 sec
- TT >200 sec

Heparin effect

- APTT >200 sec
- PT 40 sec
- TT >200 sec

Thromboelastogram (TEG)

- TEG reflects global hemostasis involving coagulation factors, platelets, fibrinolysis



Example of Abnormal TEG Finding

