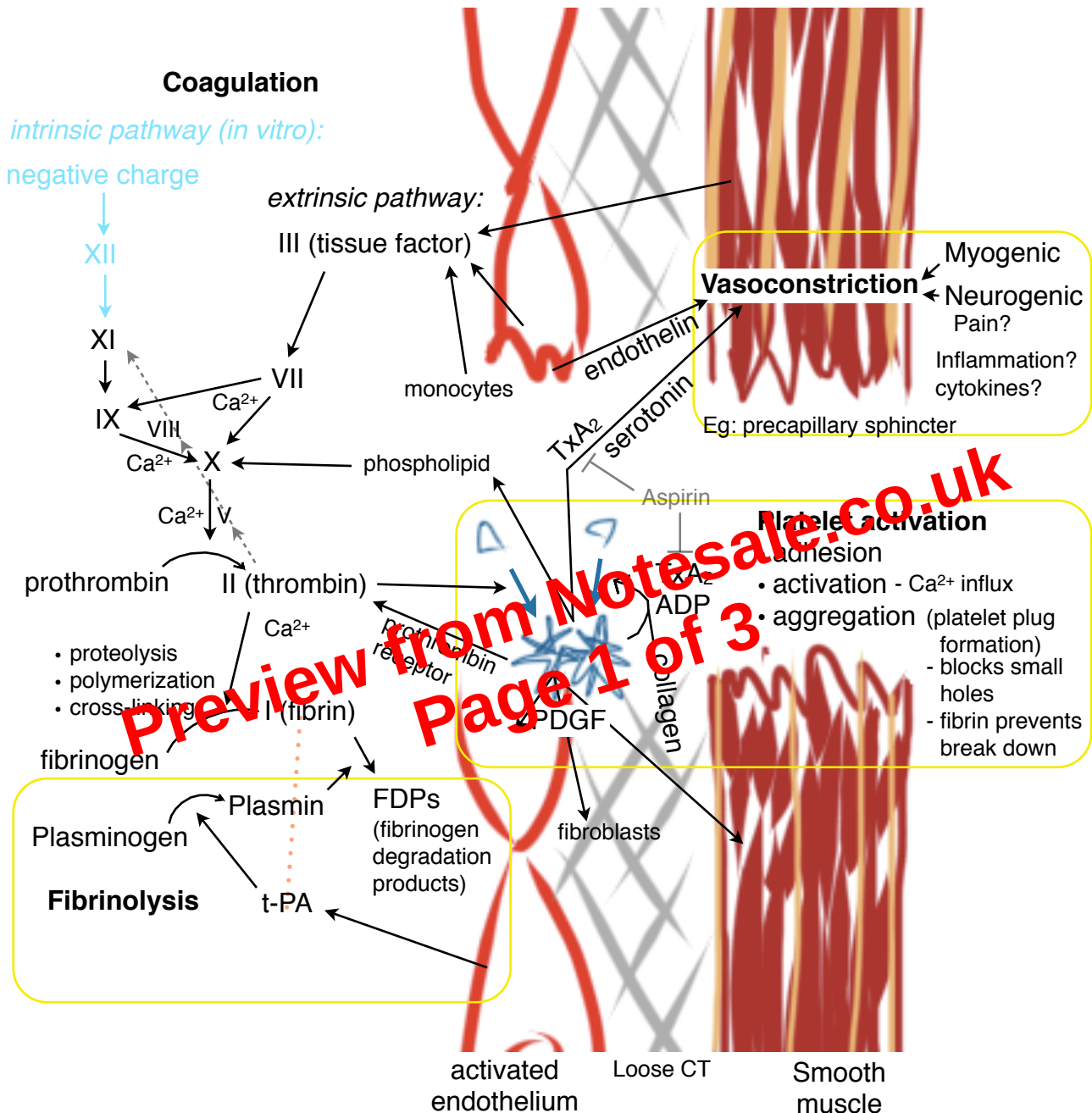


Haemostasis:

- Arrests bleeding
- initiates repair of blood vessels
- Maintains vascular integrity - after wear and tear



3. Coagulation

- thrombin activates cofactors V, VIII (which are not enzymes) - positive feedback
- Ca²⁺ is coagulation factor IV
- Coagulation is localized to platelets, and cells expressing tissue factor
- artificial heart valve may activate intrinsic pathway
- TFPI (Tissue Factor Pathway Inhibitor) subsequently inhibits coagulation