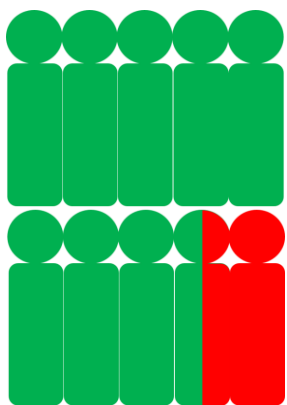
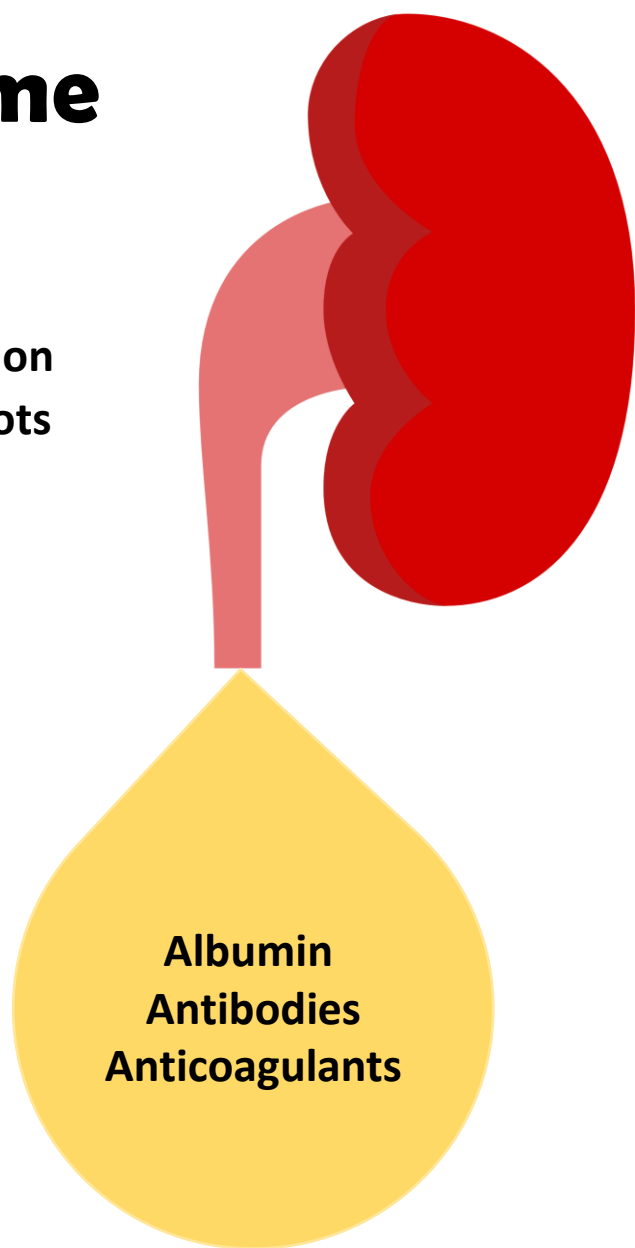


Nephrotic Syndrome

- **Kidneys leak protein**
 - Loss of albumin → **swelling**
 - Loss of antibodies ↑ **risk of infection**
 - Loss of anticoagulants ↑ **risk of clots**
- **Diagnosis**
 - Urine test for protein
 - Blood tests for
 - Kidney function
 - Albumin
 - Other conditions
 - Kidney biopsy for unusual cases
- **Treatment**
 - Prednisone
 - Diuretics (↑ urine output)
 - Low salt diet (↓ swelling)
 - Other immune blocking drugs
 - Tacrolimus
 - Rituximab



- **Prognosis**
 - **85%** respond to prednisone with excellent long-term prognosis although most will have flares for several years
 - More likely to have progressive kidney disease if:
 - No remission with prednisone
 - Biopsy shows something besides minimal change