Goals:

1. Explain glomerular pathology in the context of systemic diseases
2. Explain thrombotic microangiopathies

Objectives:

1. name systemic diseases associated with significant glomerular involvement
2. identify differences between nephrotic syndrome in primary glomerular diseases versus associated with systemic diseases
3. contrast and compare glomerular involvement in different systemic diseases
4. explain the general pathomechanism underlying diabetic nephropathy and how it correlates with renal and systemic symptoms
5. explain how to diagnose and treat amyloidosis?
6. explain the role of kidney biopsy in management of patients with systemic lupus erythematosus
7. explain the different pathomechanisms of thrombotic microangiopathies
8. contrast and compare typical versus atypical hemolytic uremic syndrome
9. contrast and compare pathomechanisms of HSP (Henoch-Schönlein purpura) versus HUS (hemolytic-uremic syndrome)