



**Pre-Congress CME Course**

# **Renal Histo-Immunopathology at Square Two**

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## **Topic #4**

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## Clinical case presentation

Female, 40 years old

Familiar history negative, as for nephropathies, diabetes, and cardiovascular diseases

Pathological history of uveitis 1 year before the hospital admittance

At admission: asthenia, oral mucosa ulcers, lower limb oedema.

## Laboratory findings

**SCreat:** 0.6 mg/dl, **Urea:** 46 mg/dl, **Creat. Clearance:** 175 ml/min

**Blood glucose:** 80 mg/dl

**Total Serum Proteins:** 5.31 g/l, **Albumin:** 2.6 g/l

**Total Cholesterol:** 336 mg/dl

**HDL Cholesterol:** 102 mg/dl, **LDL cholesterol:** 203 mg/dl

**Triglycerides:** 153 mg/dl

**IgG** 415 mg/dl, **IgA** 114 mg/dl, **IgM** 134 mg/dl

**Serum complement components C3 and C4:** normal

**Autoimmune tests** (ANCA, ANA, antiphospholipid antibodies):  
negative

**Urinary Proteins:** 5.24 g/day

**Urinary sediment:** 10-20 RBC/HPF

## Renal biopsy findings

### **Light microscopy:**

No. Glomeruli: 14

% global glom sclerosis: 0

% segm glom scler: 15

mesangial matrix +; mesangial cell +

interstitial infiltration +

interstitial fibrosis +

**Immunofluorescence:** negative







