

## Clinical Lec 1 لين الحمايده

- 1) young male with acute lone pain and bloody urine → Urinalysis -no protein or sugar → Kidney stones  
WBC 4-5 RBC 10-20
- 2) same as case 1 but the patient is old male → Renal cell carcinoma
- 3) same as case 1 but urine analysis showed elevated protein → Glomerulonephritis
- 4) same as case 1 but with sudden sever loin pain and heavy proteinuria → Lt renal thrombosis
- 5) same as case 1 but there is no pain and the patient was treated with metronidazole after he had diarrhea → Not true hematuria ( drug related red urine )
- 6) old male with painless bloody urine / urgency with feeling hotness / slightly elevated urine / elevated RBCs / elevated WBCS → UTI
- 7) old male with painless bloody urine / passing clots / numerous RBCS / WBCS/epithelial and transitional cells → Transitional cell carcinoma
- 8) old male same as case 7 without epithelial cells but with bruising without traumas → 1)low platelets  
Or  
2)taking warfarin

9) Young lady (13 years) with back pain and attacks of hematuria → Her first menses

10) 30 years female with generalized pain / arthralgia / rash / swelled ankles / elevated urine → SLE and lupus nephritis

11) same as case 10 but old lady and she has cough plus previously mentioned symptoms (case 10) → Vasculitis

12) old lady with fatigue polyuria numbness of finger tips bloody urine sugar and protein in urine → Diabetic nephropathy