



Done By

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## Scenario

7 year old male presents to his primary care physician with the chief complaint of **dark "cola colored" urine**, facial puffiness and abdominal pain for the past 2 days. He had been in his usual state of good health until 14 days ago when he had a sore throat and fever. His sore throat and fever resolved. He was not seen by a physician at that time. Over the past 2 days facial puffiness has been noted, but no swelling of his hands or feet.

## Examination :

Shows **mild edema** ,No skin rashes or impetigo scars ,Heart is regular without murmurs. Lungs are clear. Abdomen is diffusely tender (mild),

## Investigation :

Urine test :increased specific gravity. positive for a large amount of blood and moderate protein.

**ASO titer is elevated. Serum complement C3 level** is low. Serum electrolytes are normal. BUN

## What is the possible diagnosis ?

acute post streptococcal glomerulonephritis

## Other tests can indicated the diseases?

1-Kidney biopsy by LM,EM,

2-anti DNase B titre

## How to treat the patient ?

Concretive fluid management

### **1 different between right and left kidney?**

Right kidney slightly enlarge due to large right lobe of liver

### **What are the causes of edema ?**

- 1- Increase hydrostatic pressure
- 2- Decreased oncotic pressure
- 3- Increased capillary permeability
- 4- Lymphatic obstruction

