

## #1988 - Clinical and Laboratory Evaluation of Cystinotic Patients Admitted at sheikh hospital (10 years study )

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**Body** Objective: evaluation of clinical features,side effect and age of diagnosis in patient with cystinosis in sheikh hospital from 1387-1396

**Methods & Materials:** in this case series study medical records of 20 patient with cystinosis were evaluated.their physical finding and labaratory data were collected and express using descriptive analysis

**Results:** 20 patient were found.they were 55% male and 45% female.the mean age of diagnosis was 28.35 months.the most common clinical features in the patiens were growth retardation(98.3%),polyuria(81.3%) and polydipsia(81.3%).all patients had presence of cysteine crystal in cornea.25% had hypothyroidy.the commonest laboratory data were hypokalemia(78%), metabolic acidosis(78%)glucosuria(83.3%)and anemia(57.1%).the most common drug using by patient were cystagon and eye drop cystagon.66.6%of the patient were good on medical treatment,20%recived kidney transplantation,6.6%died and 6.6%on waiting list of kidney transplantation.

**Conclusion:** although cystinosis is a rare disease it seems that having a guideline for diagnosis and treatment of disease can help early diagnosis and reduced side effects.

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