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RIGHT UPPER URETERIC OBSTRUCTION:-A CASE REPORT:-

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ABSTRACT:-Urinary tract obstruction Is a urologic disease consisting of decrease in the free passage of urine through one or both the Ureters/Urethra.It's a cause of urinary retention.Complete obstruction of the urinary tract requires prompt treatment for renal preservation. Any sign of an infection such as fever,chills e.t.c.. in the context of obstruction to urine flow constitutes a Urologic emergency.Mostly men older than the 60 are more likely to get affected with urinary tract obstruction.common causes of urinary tract obstruction include polyps in the ureter,Blood clot in the ureter e.t.c..Diagnosis of Urinary tract obstruction was done through Imaging tests,Bladder catheterization,Endoscopy e.t.c..Treatment of urinary tract obstruction aims to relieve the cause of obstruction. Therapy includes Hormonal therapy,endoscopic surgerys e.t.c.. according to the patient's condition.Complications of urinary tract obstruction include urinary tract infections,acute kidney failure e.t.c..A 75 Years old Male was admitted in KIMS Hospital Secundrabad with the known case of Right upper ureteric obstruction with DJ-STENT Insitu got admitted for Right DJ-STENT exchange. No h/o fever,No h/o dysuria,No h/o hematuria.His past history was found to be Right DJ-STENTING under sedation on 20/11/2021,HTN,TYPE-2 DM, CKD, CVA In 2015.During the Hospital stay He was treated with Inj-Magnex forte-1.5gms and other supportive medications.After the STENT exchange and therapy for 4days,patient was fit to be discharged with normal vitals and being discharged in the stable condition.

KEYWORDS:- Urinary tract obstruction, CKD, CVA, HTN, TYPE-2-DM, Hematuria, Dysuria, Fever.

Introduction:-Urinary tract obstruction is a blockage that Inhibits the flow of urine through It's normal path Including the kidneys,ureters,bladder and the urethra.A blockage[obstruction] any where along the urinary tract-from the kidneys, where urine is produced to the urethra,through which urine leaves the body leads to an increased

pressure inside the urinary tract where flow of urine decreases.obstruction occurs suddenly or develops slowly over the days,weeks,or even the months.obstruction leads to the blockage of the urinary tract.

Epidemiology:-The prevalence of Urinary tract obstruction ranges from five in 10,000 to five in 1,000 depending on the cause.In children the obstruction Is mainly due to birth defects affecting the Ureinary tract. Men, particularly those who are older than the 60 are more likely to be affected because as the men age Increases,the size of prostate gland increases[A condition known as the benign prostatic hyperplasia]and blocks the flow of urine.

Etioilogy:-Urinary tract obstruction occurs mainly due to:-

- Polyps in the ureter.
- Blood clot in the ureter.
- Tumors In or near the ureter.
- Stones In the urinary tract.
- Bulging of the lower end of the ureter in to the bladder[Ureterocele].

Symptoms:-Symptoms depend on the Age, location, cause and duration of the obstruction. common symptoms include:-

- Pain.
- Renal colic between ribs and hip on affected area.
- Nausea.
- Vomithing.

Diagnosis:-Diagnosis Is Important because most of the cases of obstruction can be corrected because delay in the treatment leads to irreversible kidney damage.Diagnostic tests Include:-

- Bladder catheterization.
- Imaging tests.
- Endoscopic tests.
- Blood and urine tests.

Management:-

- Hormonal therapy.
- Endoscopic surgerys.
- Antibiotics e.t.c..

Complications:-

- Urinary tract infections,AKD,CKDe.t.c.

Case report:--A 75 years old male was admitted In KIMS Hospital,Secundrabad with the known case of Right upper ureteric obstruction with DJ-STENT Insitu got admitted for planned right DJ-STENT exchange.

- No h/o fever.
- No h/o dysuria.
- No h/o hematuria.

He was also having the past history of HTN,CKD,CVA In 2015,TYPE-2-DM,RightDJ-STENTING under sedation on 20/11/2021.On General/physical examination the pulse rate was found to be 78/min,BP-130/80mmhg, CVS-S1 S2 normal,bowel sound-normal,P/A-Soft and lax, no tenderness. Meatus-Normal. During the Hospital stay he was treated with Inj.Magnex.forte-1.5gms and other supportive medications.After the successful STENT exchange and the regular therapy for continuous 4days He was fit to be discharged with the normal vitals and voding well and being discharged with the following Medications:-

- Tab-CEFAKINID-CV-500mg-twice daily after foodx05days.
- Tab-Dolo-650mg- as per need.
- Tab-Pan-40mg-empty stomach before breakfastx05days.

REVIEW AFTER 05-DAYS IN UROLOGY DEPARTMENT.

Discussion:-Urinary tract obstruction is an urologic disease consisting of an decrease in the free passage of the urine through it's normal path Including the kidney,bladder,ureter and the urethra. In this case the patient was admitted with the known case of Right upper ureteric obstruction With the DJ-STENT Insitu.Meatus-normal.During the Hospital stay he was treated with the Inj-Magnex.forte and other medications.after STENT exchange and prescribed therapy for the four days He was fit to be discharged with normal vitals,voding well and being discharged in stable condition.

Conclusion:-Urinary tract obstruction or ureteric obstruction was an urologic disease which leads to an decrease in the free passage of urine through kidney,ureter,urinary bladder and the urethra.It was very common in men who are older than 60years of age compared to younger adults and females.It can be cured completely with the Hormonal therapy,surgerys,DJ-STENT exchange e.t.c.

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