



UNUSUAL PRESENTATION OF A GIANT VESICAL STONE.

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ABSTRACT Vesical Stones weighing more than 100gm are categorized as Giant Vesical Stones. Such findings are very rare in clinical practice and only limited text is available so far. The exact etiology is not known and considered to be multifactorial. In this context, we are presenting a case of 3 Giant Vesical stones with a total weight of 416.04 gm found in a patient's urinary bladder.

KEYWORDS : Giant Vesical Stone; Unusual Presentation; Urinary Calculi;

INTRODUCTION

Giant Vesical Stone (Vesical Stone of more than 100 gm) is a rare finding in the Urology department. Exact etiology of such stone formation is not clear. Some of the major causes include UTI, obstruction of urinary tract. Diet and daily fluid intake also play a major role in development of bladder stone. These are more common in male population.

Long term ignorance of the symptoms also precipitates in the formation of Giant Vesical Stones. Usually the patient complains very late and presenting complains are generally urinary symptoms. Unusual presentation of such cases is very rare, and requires complete workup and a high suspicion to diagnose.

CASE REPORT

A 52 years old male presented in “Emergency” of Surgery department with the complaint of “Pain in the rectum” and “Pain in the abdomen”, both for 7 days.

Pain was acute in onset, progressive and severe in nature.

Patient also gave history of “FREQUENCY AND URGENCY” for 5 years - (on & off).

On examination, ABDOMEN was found to be soft and tenderness was present in Suprapubic region.

Digital examination of rectum was done. A projecting mass in rectum, hard in consistency was felt anteriorly.

Initially patient managed symptomatically for pain and complete workup was done.

FOLLEY'S CATHETERIZATION was not possible on repeated attempts.

USG abdomen was ordered which reveals Bilateral Hydronephrosis.

Plain CT scans revealed 3 large stones of size (**Exhibit 1**):

- 12.7 cm * 7.62 cm

- 10.16 cm * 7.62 cm

- 7.62 cm * 5.08 cm

IVP confirms the diagnosis.

Further Cystolithotomy by suprapubic vesical incision was done under spinal anaesthesia and stones were removed.

Collective weight of the stones was found to be **416.04 gm**.

The stones were so big and almost completely and snugly fitting into the bladder that the bladder had no space to store urine and therefore the patient was having continuous flow of the urine.

Patient responded well following the surgery and the presenting complains subsided on their own in post-operative and recovery periods.

CONCLUSION

Giant Vesical Stone is a rare condition and presenting of such cases

with unusual symptoms makes this case more difficult to diagnose This also show how ignorance of early symptoms can lead to accumulation of such big stones.

Also the deprivation of facilities like USG AND X-rays at peripheral level hampers the early diagnosis and that complicates the case.

Exhibit 1: Giant Vesicle Stones**REFERENCES**

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