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Clinical presentation of ureteric stone admissions in a tertiary health care center

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Introduction and Objectives Ureteric colic is a common urological symptom summons inward surgical admission. Prevention of stone formation will alleviate stone-related morbidity, disability, and obstructive uropathy.

Methods A descriptive study was conducted at DGH-Chilaw six months periods since November 2020. All 48 patients who presented with ureteric colic were included in this study following written consent. A pre-tested interviewer-administered questionnaire was used to collect the details.

Results Total samples were 48 and 35(72.9%) males and 13(27.1%) females. The age range was 19 years – 69 years. The mean age was 37.73 years (SD 12.935). Their common jobs were farming (n=12), manual (n=7), office (n=9). Right side pain was common- n=27(56.3%). 26(54.2%) patients had the first episode. Another 33.4% (n=16) had second episode. Others had more than three episodes. 39(81.3%) patients drank less than 2 L water per day. Only nine patients drank more than 2 L per day, and most of them experienced more than one episode of colic. 18 urine full reports (UFR) showed occasional red cells, and only five showed a field full of red cells. 77.1% of the UFR reports showed crystals. Only 21(43.8%) patients had dysuria, and others were not. 13 patients experienced pyrexia due to urinary tract infection, and their UFR inveterate it.

Forty-one patients had a normal renal function. Six patients had stage 2, and one patient had stage 3A failure.

Conclusion Commonest presentation was right side ureteric colic. An increased water intake may prevent further episodes.