

Guideline for Hospital Admission

Ministry of Public Health - Lebanon

Renal colic

Symptoms and signs that may indicate acute renal colic include:

- Paroxysmal severe flank pain, with or without radiation to the ipsilateral groin, of less than 12 hours duration
- Loin or renal tenderness
- Loss of appetite or nausea
- Hematuria (microscopic or macroscopic)

Less common symptoms and signs may include:

- Pus in urine (pyuria)
- Burning on urination (dysuria)
- Reduced urinary volume (oliguria)
- Post-renal azotemia
- Hydronephrosis

References:

Evidence-based diagnosis in primary care: practical solutions to common problems (2008). A. Polmear. Elsevier Health Sciences.

Urinary stone disease: the practical guide to medical and surgical management (2007). M. Stoller, M. Meng. Humana Press.

Robbins and Cotran Pathologic Basis of Disease, 7th edition (2005). V. Kumar, N. Fausto, S. Robbins, A. Abbas, R. Cotran. Elsevier Saunders.

The Merck Manuals, Online Medical Library (also available at <http://www.merckmanuals.com/home/sec11/ch142/ch142b.html>)

Checklist:

	Present	Absent
Main symptoms & signs		
Paroxysmal severe flank pain, with or without radiation to the ipsilateral groin, of less than 12 hours duration		
Loin or renal tenderness		
Loss of appetite or nausea		
Hematuria (microscopic or macroscopic)		
Less common symptoms & signs		
Pus in urine (pyuria)		
Burning on urination (dysuria)		
Reduced urinary volume (oliguria)		
Post-renal azotemia		
Hydronephrosis		