

Nephrolithiasis

Retrospective Chart Review of Patients with Final Diagnosis of Nephrolithiasis: Can We Safely Decrease CT Scan Use? [Principle Investigator: Schoenfeld, Elizabeth] DATA COLLECTION FORM

1. Subject Study ID: _____
2. MRN: _____
3. Inclusion: Age >17 - Y - No (do not continue)
4. Exclusion: Pregnant - Y (do not continue) - No
- 5a. Gender: - male - female
- 5b. Ethnicity: - white, - black, - asian, - hispanic, - other, 6 - unk
6. Date of visit:
7. History of kidney stones: - Yes - no
8. History of intervention for KS: - Yes - no (intervention _____)
9. Medical History:
 - a. none
 - b. DM
 - c. HTN
 - d. CAD
 - e. pancreatitis
 - f. gallstones
 - g. renal disease
 - h. AAA
 - i. abdominal surgery
 - j. Cancer (type _____)
10. Coumadin - yes - no
11. Recent trauma - yes - no

Triage Vital Signs	
12. Temperature (F/C)	
13. Pulse	
14. Systolic BP	
15. Diastolic BP	

Chief Complaint:

16. Location: - right, - left, - both
17. - flank, - back, - abdominal, - more than one, (_____)
- 18a. Duration: _____ hrs

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18b. - <6, - 6-24, - 24-48, - 48hrs -1 week, - >1 week

19. Physical Exam: Abdominal tenderness noted: - no, – mild, - moderate, – severe; Location: RUQ, LUQ, RLQ, LLQ, Diffuse, Epigastric

19b. Presence of Nausea and vomiting: – none, – nausea alone, – nausea and vomiting

Testing:

20. Udiip done - y, - n

21. Blood -y, - n

22. Leuks - y, -n

23. nitritis - y, - n

24. Formal UA: - y, - n

25. RBCs # _____,

26. WBC # _____

27. Cr done - Y, - N, # _____

28. WBC done - Y, - N, # _____

29. CT abd done - y - no

30. CT renal protocol - y, - n

31. CT - renal, - W IV contrast, - with po (+/- IV)

32. Bedside Ultrasound - y, - no

33. CT results: diagnostic of PAIN - y, - N, - unk

34. Findings: - no CT, - normal, - KS \leq 5mm, - KS \geq 5mm, - finding requiring urgent/emergency FU/intervention (_____), - finding requiring non-urgent or no FU (_____)

35. Stone size _____; Location: – Prox; – Mid; UVJ; bladder

36. CT Hydronephrosis L: - none, - mild, - moderate, - severe, - hydro NOS

37. CT Hydronephrosis R: - none, - mild, - moderate, - severe, - hydro NOS

38. Bedside US L: - normal, - mild hydro, - moderate, - severe

39. Bedside US R: - normal, - mild hydro, - moderate, - severe

40. Formal US L : - normal, - mild hydro, - moderate, - severe

41. Formal US R : - normal, - mild hydro, - moderate, - severe

42. Final ED diagnosis: - kidney stone, - other (_____)

43. Disposition: - admitted, - discharged

44. If admitted: intervention during this hospitalization: - urological, - other surgical, - none (_____)

45. Return to ED within 60 days: - yes, – no; related –Y, -N

46. Final Diagnosis second visit: _____

47. Admitted: - yes, - no

48. Intervention/procedure: - yes, - no _____

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49. Any visits in 60 days requiring urological intervention - y, - n

50. Stone Score: total _____

Factor	Categories	Points
Sex	Male	2
Timing of pain	<6 hours	3
	6-24	1
	>24	0
Origin (race)	Non-black	3
	Black	0
Nausea/vomiting	Both N and V	2
	Nausea alone	1
Erythrocytes	Pos urine dip or rbc >4	3

51. Stones score Categorical – 0-5 ; 6-9, 10-13