

PEDIATRIC NEPHROLOGY:

Isolated Microscopic Hematuria

1. Definition: Routine urine – dipstick 1+ to 2+ occult blood positive

2. Relevant Information:

- Patient is asymptomatic
- Family History: Renal disease, deafness, stones
- Past Medical Problems: Previous history of gross Hematuria/GN/trauma

3. Physical Exam:

- BP – normal for age
- Abdomen – without masses
- Genitalia – clear and intact
- Extremities – no evidence of edema

4. Initial Screening Studies: (normal values)

- Serum:
BUN < 20 mg/dl
Cr < 1.0 mg/dl
C₃ normal limits per lab
- Urine – Urine Sediment Exam:
RBC < 20/hpf
WBC < 2 – 5/hpf
Casts: none
Crystals: none

Spot urine protein/creatinine < 0.2
Spot urine calcium/creatinine < 0.2
- Imaging:
Renal ultrasound – optional

5. Disposition:

- a) Routine follow-up if all findings and lab screening tests are normal
- b) Referral if abnormalities on examination or screening test
- c) Pediatric Nephrology (Sandra Irigorri, MD): Fax (203) 785 3462, Telephone (203) 785 4643.