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| Clinical Scenario: “*Debbie, a healthy 57-year-old woman, presents to your office with burning with urination and increased frequency for the last two days. She has had three previously documented urinary tract infections in the past year.”* |
| **Question** | **Answers** | **Family Medicine** | **Geriatric Medicine** | **Internal Medicine** | **OB-GYN** |
| I would diagnose this patient with rUTI's   | Yes  | 11 (95%) | 3 (43%) | 12 (80%) | 5 (100%) |
| I would want positive urine cultures to diagnose this patient with recurrent UTI's | Yes  | 12 (100%) | 7 (100%) | 10 (71%) | 5 (100%) |
| I would perform a pelvic exam   | Yes  | 7 (58%) | 3 (43%) | 8 (53%) | 5 (100%) |
| I would order the following labs (select any that would apply)   | Urine dipstick   | 5 (42%) | 2 (29%) | 12 (80%) | 4 (80%) |
| Microscopic urinalysis  | 11 (92%) | 6 (86%) | 11 (73%) | 4 (80%) |
| Urine culture   | 12 (100%) | 7 (100%) | 14 (93%) | 5 (100%) |
| Creatinine  | 2 (17%) | 3 (43%) | 5 (33%) | 1 (20%) |
| Would you prescribe antibiotics for this patient?   | I would prescribe antibiotics during this visit. | 6 (50%) | 2 (29%) | 7 (47%) | 2 (40%) |
| I would prescribe antibiotics if the urine culture had a positive result.    | 6 (50%) | 4 (57%) | 8 (53%) | 3 (60%) |
| I would not prescribe antibiotics for this condition.   | 0 | 1 (14%) | 0 | 0 |
| *-Which of the following antibiotics would you prescribe?*   | IDSA Compliant(Nitrofurantoin, Trimethoprim/ sulfamethoxazole, Fosfomycin)   | 9 (75%) | 3 (50%) | 13 (87%) | 5 (100%) |
| IDSA Non-compliant(Cephalosporin, fluoroquinolone) | 3 (25%) | 3 (50%) | 2 (13%) | 0 |
| I would perform a test of cure after treatment to check for efficacy of treatment   | Yes | 1 (8.3%) | 1 (14%) | 2 (13%) | 1 (20%) |
| I would prescribe or recommend daily antibiotic prophylaxis for UTI prevention for this patient   | Yes | 6 (50%) | 0 | 3 (20%) | 2 (40%) |
| *-Which antibiotic would you prescribe for prophylaxis*     | Nitrofurantoin | 4 (67%) |  | 1 (33%) | 2 (100%) |
| Cephalosporin   | 2 (33%) |  | 1 (33%) | 0 |
| Trimethoprim   | 0 |  | 1 (33%) | 0 |
| *-How long would you continue antibiotic prophylaxis?*      | 0-3 months  | 0 |  | 1 (33%) | 0 |
| 4-6 months    | 3 (50%) |  | 1 (33%) | 2 (100%) |
| 7 months – 1 year | 3 (50%) |  | 1 (33%) | 0 |
| I would recommend non-antibiotic prophylaxis for UTI prevention   | Yes  | 9 (75%) | 6 (86%) | 13 (87%) | 4 (80%) |
| I would refer the patient to a specialist for further workup and management for recurrent UTIs   | Yes | 3 (25%) | 1 (14%) | 10 (67%) | 3 (60%) |
| *- Which specialty would you refer this patient to?*   | Urogynecology | 2 (67%) | 1 (100%) | 8 (80%) | 2 (67%) |
| Urology | 1 (33%) | 0 | 2 (20%) | 1 (33%) |
| Infectious Diseases | 0 | 0 | 0 | 0 |
| Other  | 0 | 0 | 0 | 0 |
| First choice therapy for prevention of recurrent UTI.                 |  |  |  |  |  |
| Vaginal estrogen | 6 (50%) | 7 (100%) | 9 (64%) | 3 (60%) |
| Daily antibiotic  | 3 (25%) | 0 | 1 (7.1%) | 0 |
| Cranberry extract    | 0 | 0 | 3 (21%) | 0 |
| Methenamine hippurate | 1 (8.3%) | 0 | 0 | 1 (20%) |
| Probiotics    | 1 (8.3%) | 0 | 0 | 1 (20%) |
| D mannose  | 1 (8.3%) | 0 | 0 | 0 |
| Other(“Vaginal moisturizer”) | 0 | 0 | 1 (7.1%) | 0 |