

Hypothetical Case Study Report

Urine Examination Case Study

Patient: John Doe

Age: 35

Gender: Male

Doctor: Dr. Emily White

Date: July 17, 2024

Chief Complaint: Dysuria and frequent urination

Physical Examination:

- Temperature: 98.6°F
- Blood Pressure: 120/80 mmHg

Laboratory Results:

- Color: Pale yellow
- pH: 6.0
- Specific Gravity: 1.015
- Protein: Negative
- Glucose: Negative
- Ketones: Negative
- Blood: Negative
- Leukocyte Esterase: Positive

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- Nitrite: Positive

Diagnosis: Urinary Tract Infection (UTI)

Treatment Plan:

- Antibiotics for 7 days
- Increased fluid intake
- Follow-up in 2 weeks