



Collection Date: 10/12/2025

Review Date: 13/12/2025

Referring Doctor: أ.د سبتي كليك

Patient Name: الأستاذة/ شادية عثمان عبدالغفار

Patient No.: 48-139334

Accession No.: 48251242575

Age: 58Y

## MICROBIOLOGY UNIT

### Urine Analysis And C/S

| Sample Type | Organism                | Colony Count              |
|-------------|-------------------------|---------------------------|
| Urine       | <b>Pseudomonas spp.</b> | <b>&gt;100.000 CFU/ml</b> |

| Group | Generic Name                | Trade Name  | MIC | Sensitivity |
|-------|-----------------------------|---|-----|-------------|
| -     | Amikacin                    | e.g.: Amikacin, Amikin  | -   | Sensitive   |
| -     | Amoxicillin/Clavulanic acid | e.g.: Augmentin, Hibiotic, Clavimox, Curam                        | -   | Resistant   |
| -     | Ampicillin                  | e.g.: Ampicillin, Omnipen, Penglobe                               | -   | Resistant   |
| -     | Ampicillin/Sulbactam        | e.g.: Unasyn, Unictam, Ultracillin                                | -   | Resistant   |
| -     | Cefaclor                    | e.g.: BactiClor, Ceclor, Cefaclor, Misaclor                       | -   | Resistant   |
| -     | Cefazolin                   | e.g.: Zinol   | -   | Resistant   |
| -     | Cefepime                    | e.g.: Maxipime, Neopime, Cepimax,...                              | -   | Sensitive   |
| -     | Cefixime                    | e.g.: Suprax, Fixacef, Pancef,...                                 | -   | Resistant   |
| -     | Cefoperazone                | e.g.: Cefazone, Cefozon, Cefobid, Peracef                         | -   | Resistant   |
| -     | Cefotaxime                  | e.g.: Ceforan, Cefotax, Cloforan, Xorin                           | -   | Resistant   |
| -     | Cefoxitin                   | e.g.: Plucefox, Primafoxin  | -   | Resistant   |
| -     | Cefpodoxime                 | e.g.: Cefoprox  | -   | Resistant   |
| -     | Ceftazidime                 | e.g.: Cefidime, Cefzim, Fortum, Kefadim                           | -   | Sensitive   |
| -     | Ceftriaxone                 | e.g.: Cefaxone, Cefrix, Ceftriaxone, Epicephin, Oframax, Mesporin | -   | Resistant   |
| -     | Cefuroxime                  | e.g.: Zinacef, Zimocefox, Pancef                                  | -   | Resistant   |
| -     | Ciprofloxacin               | e.g.: Cipro, Ciprobay, Ciprofar, Ciprocine, Ciprofloxacin         | -   | Sensitive   |
| -     | Doxycycline                 | e.g.: Doxycost, Doxydox, Tabocine, Doxymycin                      | -   | Resistant   |
| -     | Fosfomycin                  | e.g.: Monuril   | -   | Resistant   |
| -     | Gentamicin                  | e.g.: Garamycin, Gentamicin, Farcocin, Optigent                   | -   | Resistant   |
| -     | Imipenem                    | e.g.: Tienam, Imipenem, Ayapenam                                  | -   | Sensitive   |

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| Group | Generic Name                  | Trade Name   | MIC | Sensitivity |
|-------|-------------------------------|--|-----|-------------|
|       | Levofloxacin                  | e.g.: Alfacef, Monoshield, Levoxin, Tavacin, Tavanic, Lee-Flox | -   | Sensitive   |
|       | Meropenem                     | e.g.: Meronem, Mirage, Meropenem                               | -   | Sensitive   |
|       | Nitrofurantoin                | e.g.: Macrofuran, Uvamin retard                                | -   | Resistant   |
|       | Norfloxacin                   | e.g.: Epinor, Neofloxacin, Opto Q3                             | -   | Sensitive   |
|       | Ofloxacin                     | e.g.: Taiflox, Ofloxacin, Tarivid, Ofloxin, Optiflox           | -   | Sensitive   |
|       | Piperacillin                  | e.g.: Pipracil   | -   | Resistant   |
|       | Piperacillin/Tazobactam       | e.g.: Tazocin, Tazovex, Zosyn,...                              | -   | Sensitive   |
|       | Sulfamethoxazole/Trimethoprim | e.g.: Spetrin, Sutrim, Septazol,...                            | -   | Resistant   |
|       | Tetracycline                  | e.g.: Oxytetracid, Tetracycline                                | -   | Resistant   |
|       | Tigecycline                   | e.g.: Tygacil  | -   | Resistant   |

S : Sensitive , I : Intermediate , and R : Resistant



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Page 2 of 2

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## MICROBIOLOGY UNIT

### Urine Analysis

| Test Name        | Result | Reference Interval |
|------------------|--------|--------------------|
| Colour           | YELLOW | Yellow             |
| Aspect           | Clear  | Clear - S.Turbid   |
| pH               | 7.0    | 5 - 8              |
| Specific Gravity | 1017   | 1005 - 1030        |

### Chemical Examination

|               |              |          |
|---------------|--------------|----------|
| Glucose       | Absent       | Absent   |
| Ketone Bodies | Absent       | Absent   |
| Bilirubin     | Absent       | Absent   |
| Urobilinogen  | Normal Trace | N. Trace |
| Albumin       | Absent       | Absent   |

### Microscopic Examination

|                     |        |        |
|---------------------|--------|--------|
| Pus cells/ HPF      | 21-30  | 0 - 10 |
| R.B.Cs/HPF          | 0-5    | 0 - 5  |
| Epithelial cells    | Rare   | Few    |
| Crystals            | Absent | Absent |
| Amorphous materials | Absent | Absent |
| Casts               | Absent | Absent |
| Parasities          | Absent | Absent |
| Yeast cells         | Absent | Absent |
| Others              | Absent | Absent |



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Page 1 of 1

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