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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Fluid and Electrolytes

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|  | 1  H | Y | P | O | V | O | L | E | M | I | A |  | 2  D | I | G | O | X | I | N |
|  |  |  |  |  |  |  |  |  |  |  |  | 3  S |  |  |  |  |  |  |  |
| 4  O | S | M | O | L | A | L | I | T | Y |  | 5  P | O | T | A | S | S | I | U | M |
|  |  |  |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 6  I | S | O | T | O | N | I | C |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | U |  |  |  |  |  |  |  |
| 7  C | A | L | C | I | U | M |  | 8  D |  |  |  | 9  M | G |  |  |  | 10  E |  | 11  I |
|  |  |  |  |  |  |  |  | I |  |  |  |  |  | 12  F |  |  | X |  | N |
|  | 13  B |  | 14  C |  |  |  | 15  M | A | G | N | E | S | I | U | M |  | 16  C | N | S |
|  | O |  | H |  |  | 17  W |  | L |  |  |  |  |  | R |  |  | E |  | U |
|  | N |  | E |  | 18  D | E | H | Y | D | R | A | T | I | O | N |  | S |  | L |
|  | E |  | W |  |  | I |  | S |  |  |  |  |  | S |  |  | S |  | I |
|  | S |  |  | 19  E | C | G |  | I |  | 20  C | A |  |  | E |  |  |  |  | N |
|  |  |  | 21  K |  |  | H |  | S |  |  |  |  |  | M |  |  | 22  C |  |  |
| 23  U | P | R | I | G | H | T |  |  |  |  |  |  |  | I |  |  | A |  |  |
|  |  |  | D |  |  |  |  |  |  |  |  | 24  N |  | D |  |  | N |  |  |
|  |  |  | N |  |  | 25  H | Y | P | E | R | K | A | L | E | M | I | C |  |  |
|  |  |  | E |  |  |  |  |  |  |  |  |  |  |  |  |  | E |  |  |
|  |  |  | Y |  |  |  | 26  C | A | R | D | I | A | C |  |  |  | R |  |  |

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| **Across**  **1.** Excess fluid loss with decreased circulating volume  **2.** Drug easily toxic with hypokalemia  **4.** (2 x Na) + (BUN / 2.8) + (glucose / 18)  **5.** Fruits and legumes are sources  **6.** Water and electrolytes are present equally  **7.** Normal level 8.6- 10.2  **9.** Abbreviation for magnesium  **15.** Chocolate and peanut butter are sources  **16.** System affected by sodium imbalance  **18.** Hypertonic fluid volume deficit  **19.** Abbreviation for electrocardiogram  **20.** Abbreviation for Calcium  **23.** Patient position for oral potassium  **25.** Having a high serum potassium  **26.** System affected by potassium imbalance | **Down**  **3.** Hyponatremia is low serum \_\_\_\_\_\_\_  **8.** Lowers elevated K and Ca in severe cases  **10.** Hypervolemia is fluid volume \_\_\_\_\_\_\_\_\_  **11.** Forces K from ECF to ICF  **12.** Effective loop diuretic  **13.** Site of calcium storage  **14.** Can't do this with potassium tablet  **17.** Indicator of fluid status  **21.** Organ regulating potassium balance  **22.** Cause of hypercalcemia  **24.** Abbreviation for Sodium |