

## Drug Induced Hypernatraemia

Listed below are some drugs that may cause hypernatraemia (serum sodium concentration above 145 mmol/L)

- Diuretics
- Sodium bicarbonate
- Sodium chloride
- Corticosteroids
- Anabolic steroids
- Adrenocorticotrophic steroids
- Androgens
- Oestrogens
- Lithium citrate (in overdose)<sup>1</sup>
- Lithium carbonate (in overdose)<sup>2</sup>
- Tolvaptan
- Povidone-iodine: application of povidone-iodine to large wounds or severe burns may produce systemic adverse effects such as metabolic acidosis, hypernatraemia and impairment of renal function<sup>3</sup>
- Foscarnet<sup>4</sup>
- Intravenous antibiotics because of the sodium content (e.g. fosfomycin has a high content of sodium<sup>5</sup>)

## References

1. Rosemont Pharmaceuticals Limited. Li-Liquid 1018 mg/5ml Oral Syrup – Summary of Product Characteristics. Available at: <https://www.medicines.org.uk/emc/product/6680/smpc> [Accessed on 05/10/2023].
2. Essential Pharma Ltd. Camcolit 400 mg, controlled release Lithium Carbonate – Summary of Product Characteristics. Available at: <https://www.medicines.org.uk/emc/product/6680/smpc> [Accessed on 05/10/2023].
3. Haleon UK Trading Limited. Savlon Dry – Summary of Product Characteristics. Available at: <https://www.medicines.org.uk/emc/product/6331/smpc> [Accessed on 05/10/2023].

4. Tillomed Laboratories Ltd. Foscarnet sodium Tillomed 24 mg/ml solution for infusion – Summary of Product Characteristics. Available at: <https://www.medicines.org.uk/emc/product/13898/smpc> [Accessed on 05/10/2023].
5. Infectopharm. Fomicyt 40 mg/ml powder for solution for infusion – Summary of Product Characteristics. Available at: <https://mhraproducts4853.blob.core.windows.net/docs/876a75bc461af7c4642eeea8305d210dc242e95d> [Accessed on 05/10/2023].