

April 9, 2025

Dear Healthcare Professional,

Due to the discontinued injection and irrigation solutions listed in table 1, this information is intended for educational purposes to support the clinical consideration of potential alternatives. It is important to note that for the majority of these products, Baxter does not currently manufacture a direct substitute. It is therefore incumbent upon the prescribing healthcare professional to carefully review the solution components of any potential alternative product and ensure that the product meets their patients' clinical needs.

A list of Baxter injection and irrigation solutions for clinical consideration are provided in Tables 1 & 3 with formulation differences in bold. To facilitate review of the available injection solutions containing potassium chloride for clinical consideration, the composition of these solutions is outlined in Table 2. If it is determined that a potential alternative solution is not suitable for patients' clinical needs, your institution's pharmacy may consider compounding the desired solution per your institutional policies and procedures.

It is important to note that all discontinued irrigation solution products have a direct substitute, although they contain a different volume. However, for 0.9% Sodium Chloride Irrigation, USP, 3000 mL in **ARTHROMATIC** Container (**2B7477**), there is an additional irrigation solution for clinical consideration, 0.9% Sodium Chloride Irrigation, USP, 3000 mL in **UROMATIC** Container (**2B7127**). A side-by-side comparison of these two solutions is outlined in Table 4. The solution composition and container closure system are the same for both products, however they differ in their labeled indication. The use of a solution outside of its labeled indication is upon the clinical judgment of the prescribing healthcare professional.

Table 1. Discontinued Injection Solutions¹ and Potential Alternatives for Clinical Consideration

| Discontinued Product Code | Discontinued Product Description | Alternative Product Code | Alternative Product Description for Clinical Consideration |
|---------------------------|--------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------|
| 2B1373Q | 5% Sodium Chloride Injection, USP, 500 mL | 2B1353Q | * 3% Sodium Chloride Injection, USP, 500 mL |
| 2B2103Q | 5% Dextrose and Electrolyte No. 48 Injection, 500 mL | 2B2074X | * Lactated Ringer's and 5% Dextrose Injection, USP, 1000 mL |
| 2B2073Q | Lactated Ringer's and 5% Dextrose Injection, USP, 500 mL | 2B2074X | Lactated Ringer's and 5% Dextrose Injection, USP, 1000 mL |
| 2D5613Q | 10% OSMITROL Injection (10% Mannitol Injection, USP), 500 mL | 2D5632Q | * 20% OSMITROL Injection (20% Mannitol Injection, USP), 250 mL |
| | | 2D5633Q | * 20% OSMITROL Injection (20% Mannitol Injection, USP) 500 mL |

Table 1 continued on page 2

| Discontinued Product Code | Discontinued Product Description | Alternative Product Code | Alternative Product Description for Clinical Consideration |
|---------------------------|----------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------|
| 2B1644X | 10 mEq/L Potassium Chloride in 5% Dextrose and 0.45% Sodium Chloride Injection, USP, 1000 mL | 2B1654X | * 20 mEq/L Potassium Chloride in 5% Dextrose and 0.45% Sodium Chloride Injection, USP, 1000 mL |
| 2B1134X | 20 mEq/L Potassium Chloride In 5% Dextrose Injection, USP, 1000 mL | 2B1654X | * 20 mEq/L Potassium Chloride in 5% Dextrose and 0.45% Sodium Chloride Injection , USP, 1000 mL |
| | | 2B2434X | * 20 mEq/L Potassium Chloride in 5% Dextrose and 0.9% Sodium Chloride Injection , USP, 1000 mL |
| | | 2B1357X | * 20 mEq/L Potassium Chloride in 0.45% Sodium Chloride Injection , USP, 1000 mL |
| | | 2B1764X | * 20 mEq/L Potassium Chloride in 0.9% Sodium Chloride Injection , USP, 1000 mL |
| 2B1614X | 20 mEq/L Potassium Chloride in 5% Dextrose and 0.2% Sodium Chloride Injection USP, 1000 mL | 2B1654X | * 20 mEq/L Potassium Chloride in 5% Dextrose and 0.45% Sodium Chloride Injection , USP, 1000 mL |
| | | 2B2434X | * 20 mEq/L Potassium Chloride in 5% Dextrose and 0.9% Sodium Chloride Injection , USP, 1000 mL |
| | | 2B1357X | * 20 mEq/L Potassium Chloride in 0.45% Sodium Chloride Injection , USP, 1000 mL |
| | | 2B1764X | * 20 mEq/L Potassium Chloride in 0.9% Sodium Chloride Injection , USP, 1000 mL |
| 2B2224X | 20 mEq/L Potassium Chloride in Lactated Ringer's and 5% Dextrose Injection, USP 1000 mL | Not applicable | Not applicable |
| 2B1664X | 30 mEq/L Potassium Chloride in 5% Dextrose and 0.45% Sodium Chloride Injection, USP, 1000 mL | 2B1654X | * 20 mEq/L Potassium Chloride in 5% Dextrose and 0.45% Sodium Chloride Injection, USP, 1000 mL |
| | | 2B1674X | * 40 mEq/L Potassium Chloride in 5% Dextrose and 0.45% Sodium Chloride Injection, USP, 1000 mL |

* Alternative product for clinical consideration is not a direct substitute. Healthcare professionals should use clinical judgement to assess whether the alternative formulation meets patient's clinical needs.

Table 2. Composition of available Potassium Chloride containing Injection Solutions^{2,3} for Clinical Consideration

| Product Code | 2B1357X | 2B1764X | 2B1654X | 2B2434X | 2B1674X |
|-----------------------------------|----------------------------|---------------------------|---------------------------------|--------------------------------|---------------------------------|
| Product Description | 20 mEq/L KCl in 0.45% NaCl | 20 mEq/L KCl in 0.9% NaCl | 20 mEq/L KCl in D5 & 0.45% NaCl | 20 mEq/L KCl in D5 & 0.9% NaCl | 40 mEq/L KCl in D5 & 0.45% NaCl |
| <i>Electrolytes (mEq/L)</i> | | | | | |
| Sodium | 77 | 154 | 77 | 154 | 77 |
| Potassium | 20 | 20 | 20 | 20 | 40 |
| Calcium | - | - | - | - | - |
| Magnesium | - | - | - | - | - |
| Chloride | 97 | 174 | 97 | 174 | 117 |
| Acetate | - | - | - | - | - |
| Gluconate | - | - | - | - | - |
| Lactated | - | - | - | - | - |
| <i>Characteristics/ Component</i> | | | | | |
| Osmolarity mOsm/L* | 194 | 348 | 447 | 601 | 487 |
| pH | 5.5 (3.5 to 6.5) | 5.5 (3.5 to 6.5) | 4.5 (3.5 to 6.5) | 4.5 (3.5 to 6.5) | 4.5 (3.5 to 6.5) |
| Dextrose (g/L) | - | - | 50 | 50 | 50 |
| Kcal/L | - | - | 170 | 170 | 170 |

Table 3. Discontinued Irrigation Solutions and Potential Alternatives for Clinical Consideration

| Discontinued Product Code | Discontinued Product Description | Alternative Product Code | Alternative Product Description |
|---------------------------|-----------------------------------------------------------|--------------------------|------------------------------------------------------------------|
| 2B7477 | 0.9% Sodium Chloride Irrigation, USP, 3000 mL ARTHROMATIC | 2B7479 | 0.9% Sodium Chloride Irrigation, USP, 5000 mL ARTHROMATIC |
| | | 2B7127 | * 0.9% Sodium Chloride Irrigation, USP, 3000 mL UROMATIC |
| 2B7116 | Sterile Water for Irrigation, USP, 2000 mL UROMATIC | 2B7114X | Sterile Water for Irrigation, USP, 1000 mL UROMATIC |
| | | 2B7117 | Sterile Water for Irrigation, USP, 3000 mL UROMATIC |

* Alternative product for clinical consideration is not a direct substitute. Healthcare professionals should use clinical judgement to assess whether the alternative formulation meets patient's clinical needs.

Table 4. Comparison of 0.9% Sodium Chloride Irrigation Solutions packaged in UROMATIC and ARTHROMATIC containers.^{4,5}

| Product Description | Product Indication | Sodium Chloride, USP in Water for Injection (g/ L) | Sodium (mEq/L) | Chloride (mEq/L) | pH | Osmolarity (mOsmol/ L) |
|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------|------------------|-------------|------------------------|
| 0.9% Sodium Chloride Irrigation, USP in ARTHROMATIC container 2B7477 3000 mL 2B7479 5000 mL | Indicated for use as an arthroscopic irrigating fluid with endoscopic instruments during arthroscopic procedures requiring distension and irrigation of the knee, shoulder, elbow, or other bone joints. | 9 | 154 | 154 | 5.5 (4.5-7) | 308 |
| 0.9% Sodium Chloride Irrigation, USP in UROMATIC container 2B7124X 1000 mL 2B7126 2000 mL 2B7127 3000 mL | Indicated as an irrigation solution. | 9 | 154 | 154 | 5.5 (4.5-7) | 308 |

This letter is intended to provide pertinent data to assist you in forming your own conclusions and is not to be considered as medical advice. The information contained in this letter is applicable to products approved or cleared in the United States of America, unless specifically noted. Baxter does not advocate the use of its products outside of approved labeling. Please refer to Instructions for Use or Prescribing Information. This letter is provided as a service to Baxter customers, and it may not be reproduced without the prior written permission of Baxter Healthcare Corporation.

We hope this information has been helpful. If you require further assistance, please contact Medical Information at Medinfo@baxter.com or submit your inquiry [here](#).

Sincerely,

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References:

1. Baxter Product Discontinuation Notice of Select IV & Irrigation Solutions. Baxter Customer Communication, Dated April 9, 2025.
2. Potassium Chloride in Sodium Chloride Injection, USP, in VIAFLEX Container Prescribing Information.
3. Potassium Chloride in Dextrose and Sodium Chloride Injection, USP in VIAFLEX Container Prescribing Information.
4. 0.9% Sodium Chloride Irrigation, USP in ARTHROMATIC Container Prescribing Information.
5. 0.9% Sodium Chloride Irrigation, USP in UROMATIC Container Prescribing Information.