

# Valrubicin Intravesical Solution, USP

200 mg/5 mL Sterile Solution for Intravesical Instillation

## Preparation and Administration Guide



Each Valrubicin Intravesical Solution, USP shipment includes

### Valrubicin Intravesical Solution, USP Sterile Solution for Intravesical Instillation

- 1 carton of four, 5-mL single dose vials (200 mg/5 mL).
  - Store vials under refrigeration at 2°–8°C (36°–46°F) in the carton. Do not freeze.
  - Unopened vials of Valrubicin Intravesical Solution, USP are stable until the date indicated on the package when stored under refrigerated conditions at 2°–8°C (36°–46°F).

### Intravesical Chemotherapy Administration Kit

- 1 each—Administration Tubing with Decanting Spike.
- 1 each—PAB<sup>®</sup>\* Instillation Container with 100 mL of 0.9% Sodium Chloride, USP (Sterile, preservative-free), Diluent.

\* PAB<sup>®</sup> (Partial Additive Bag) is a registered trademark of B. Braun Medical Inc. PAB is Latex-free, DEHP-free, and PVC-free.

### Additional supplies needed (not included)

- 2 sterile, disposable syringes, needles, catheter, and alcohol wipes.
  - The use of goggles, gloves, and a protective gown is recommended during preparation and administration of Valrubicin Intravesical Solution, USP.

Valrubicin is recommended at a dose of 800 mg administered intravesically once a week for 6 weeks. For additional information, please refer to the Dosage and Administration section of the Prescribing Information for Valrubicin Intravesical Solution, USP.

 **Leucadia**<sup>™</sup>  
Valrubicin Intravesical Solution, USP  
200 mg/5 mL Sterile Solution for Intravesical Instillation

Please see full Prescribing Information for Valrubicin Intravesical Solution, USP at [www.leucadiapharma.com](http://www.leucadiapharma.com)

## Preparation

1. For each Instillation, four Valrubicin Intravesical Solution, USP 5-mL vials (containing 200 mg valrubicin solution) should be allowed to warm slowly to room temperature but should not be heated. For example, this may take 20 to 30 minutes.
  - *Use of goggles, gloves, and protective gowns is recommended during preparation and administration of the drug.*
2. Prepare the Valrubicin Intravesical Solution, USP solution using the PAB® Instillation Container with 0.9% Sodium Chloride Injection (supplied) for administration according to the label instructions.
3. Remove the blue tab from the instillation container and, using a disposable sterile syringe and needle (not provided), remove 45 mL of the 0.9% sodium chloride solution from the instillation container and discard. This will leave 55 mL of the sodium chloride solution in the instillation container before adding Valrubicin Intravesical Solution, USP.
4. Using another disposable sterile syringe and needle (not provided), draw up 5 mL (entire volume) of the Valrubicin Intravesical Solution, USP solution from the vial (red solution) and inject into the instillation container. Repeat this procedure for each of the remaining three Valrubicin Intravesical Solution, USP vials for a total of 20 mL of Valrubicin Intravesical Solution, USP solution.
  - *Remember, when preparing Valrubicin Intravesical Solution, USP, do not inject air into the Valrubicin Intravesical Solution, USP vials.*
5. Now you will have a final instillation volume of 75 mL (55 mL of 0.9% Sodium Chloride, plus 20 mL of Valrubicin Intravesical Solution, USP solution).
6. Gently shake the instillation container until an even mixture is obtained. Inspect the solution prior to administration. Dispose of any solution that contains particulate matter or is discolored. (Valrubicin Intravesical Solution, USP Sterile Solution is a clear red solution.)
  - *Valrubicin Intravesical Solution, USP diluted in 0.9% Sodium Chloride Injection for administration is stable for 12 hours at temperatures up to 25°C (77°F).*

## Administration

Valrubicin Intravesical Solution, USP should be administered under the supervision of a physician experienced in the use of intravesical chemotherapeutic agents.

1. Remove the white cap from the PAB® Instillation Container and carefully insert the decanting spike into the instillation container, using caution not to exert excessive force or puncture the container. Ensure that the tubing is clamped.
2. Hang the instillation container of Valrubicin Intravesical Solution, USP solution from an IV pole or hold it above the patient by hand. Squeeze the priming chamber at the base of the decanting spike; unclamp the tubing, prime with Valrubicin Intravesical Solution, USP solution, and reclamp.
3. Remove the cap from the distal end of the tubing and insert it into the patient's indwelling catheter.
4. Unclamp the tubing and slowly instill diluted Valrubicin Intravesical Solution, USP intravesically by gravity flow over a period of several minutes.
5. Withdraw the catheter. The patient should be instructed to retain the Valrubicin Intravesical Solution, USP solution for 2 hours. At the end of 2 hours, the patient should void.

### Administration Precautions

- When handling and disposing of Valrubicin Intravesical Solution, USP, appropriate procedures for proper handling and disposal of anticancer drugs should be used. Remember to consult your institutional or practice guidelines and recommendations.
- Any solution that leaks out of the bladder and onto the patient should be cleaned up immediately with soap and water.
- Valrubicin Intravesical Solution, USP will stain surfaces. Spills should be cleaned up with undiluted chlorine bleach.
- The use of goggles, gloves, and protective gowns is recommended during preparation and administration of Valrubicin Intravesical Solution, USP.
- Use aseptic technique during preparation and administration.
- Valrubicin Intravesical Solution, USP should be administered under the supervision of a physician experienced in the use of intravesical chemotherapeutic agents.



## Administration Precautions (continued)

- As recommended with other cytotoxic agents, caution should be exercised in handling and preparing the solution of Valrubicin Intravesical Solution, USP.
- Contact toxicity, common and severe with other anthracyclines, is not typical with Valrubicin Intravesical Solution, USP and, when observed, has been mild. Skin reactions may occur with accidental exposure.
- The personnel preparing the PAB® Instillation Container should review and be familiar with the current Valrubicin Intravesical Solution, USP Prescribing Information, including the Dosage and Administration section.
- If the eye is accidentally exposed to Valrubicin Intravesical Solution, USP, the eye should be flushed thoroughly with water immediately.
- Administration should be delayed at least 2 weeks after transurethral resection and/or fulguration.
- Healthcare professionals (HCPs) should report adverse events, product concerns, or complaints, and make requests for medical and/or technical information concerning these products by calling 877-411-9681.

## Indication

Valrubicin Intravesical Solution is indicated for intravesical therapy of BCG-refractory carcinoma *in situ* (CIS) of the urinary bladder in patients for whom immediate cystectomy would be associated with unacceptable morbidity or mortality.

## Important Safety Information

- Valrubicin Intravesical Solution is contraindicated in patients with known hypersensitivity to anthracyclines or polyoxyl castor oil. Valrubicin Intravesical Solution should not be administered to patients with a perforated bladder, compromised bladder mucosa integrity, concurrent urinary tract infections, or small bladder capacity (unable to tolerate a 75 mL instillation). The integrity of the bladder should be confirmed prior to instillation of Valrubicin Intravesical Solution in those patients who have had procedures with the potential to compromise the bladder wall.
- Patients should be informed that Valrubicin Intravesical Solution has been shown to induce complete response in about 1 in 5 patients with BCG-refractory CIS. Delaying cystectomy could lead to development of metastatic bladder cancer. **If there is not a complete response of CIS to treatment after 3 months or if CIS recurs, cystectomy must be reconsidered.**
- Valrubicin Intravesical Solution should be administered using aseptic technique under the supervision of a practitioner experienced in the use of intravesical cancer chemotherapeutic agents. Valrubicin Intravesical Solution should be used with caution in patients with severe irritable bladder symptoms. Patients of reproductive age should be advised to use an effective contraception method. Myelosuppression is possible if Valrubicin Intravesical Solution is inadvertently administered systemically or if significant systemic exposure occurs following intravesical administration (e.g., in patients with bladder rupture/perforation). If Valrubicin Intravesical Solution is administered when bladder rupture or perforation is suspected, weekly monitoring of complete blood counts should be performed for 3 weeks.
- In clinical trials, the most common local adverse events include urinary frequency, urinary urgency and dysuria. The most common systemic adverse events include urinary tract infection, abdominal pain, nausea, asthenia, headache, malaise and urinary retention.
- Patients receiving Valrubicin Intravesical Solution must be closely monitored for disease recurrence or progression. The recommended evaluation should include cystoscopy, biopsy, and/or urine cytology every 3 months.

 **Leucadia**<sup>™</sup>  
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