ADSTILADRIN® (nadofaragene firadenovec-vncg) TREATMENTS

What is ADSTILADRIN therapy, and why am I having ADSTILADRIN treatments? ADSTILADRIN is a non-replicating adenoviral vector-based gene therapy approved by the FDA for the treatment of bladder cancer.

It works by delivering a gene into the bladder lining cells that instructs them to produce interferon alfa-2b, a protein that helps the immune system fight cancer cells. ADSTILADRIN is instilled directly into the bladder through a catheter. Treatment is given once every 3 months (not weekly). It may continue as long as you are responding, with regular monitoring (such as cystoscopy) to check for response. Results cannot be guaranteed, and if there is no complete response or if cancer recurs, other options like bladder removal (cystectomy) may be discussed.

What do I do before the treatment?

- Try to restrict fluids for a few hours before the treatment to help retain the medication. You do not need to fast.
- Please withhold taking any diuretics before the procedure unless medically necessary.
- Arrive at the office with some fluid in the bladder so that we can obtain a urine sample.
- Avoid beverages with caffeine 4-6 hours before treatment if possible.
- If you see blood in your urine or signs of a urinary tract infection (such as burning, fever, or cloudy urine), please call our office as we may need to postpone the treatment.
- Disclose any medications, allergies (especially to interferon alfa), medical or surgical history, or if you are pregnant/planning pregnancy to the provider.
- Premedication with an anticholinergic medication (to reduce bladder spasms) is recommended and may be given before instillation.

What should I expect during the treatment? The medical provider will go over what to expect before the ADSTILADRIN treatment is administered and ensure your consent.

- When you arrive at the office, you will be asked to provide a urine specimen to check for infection.
- A catheter is inserted (specific types are used: silicone, vinyl/PVC, or red rubber latex – no silver or antibiotic-coated catheters).
- The bladder is emptied completely through the catheter.
- 75 mL of ADSTILADRIN medication will be slowly instilled into your bladder through the catheter.
- The catheter will be removed immediately after the medication has been instilled.

What do I do after the treatment?

- Make sure you have a follow-up appointment scheduled.
- The ADSTILADRIN medication should be retained in your bladder for 1 hour if possible. To help distribute the medication evenly, reposition every 15 minutes (side to side, back to abdomen) while

holding it. If you experience cramping or must urinate early, let us know – it may still be effective. DO NOT hold longer than 1 hour.
- Remain active after the treatment if comfortable.
- Consume a normal amount of liquids after the treatment.

Due to possible low-level viral shedding:

- For 2 days after each treatment, disinfect your voided urine by adding an equal volume of household bleach, letting it sit for 15 minutes (with the toilet lid closed), then flushing.
- Caregivers and close contacts who are immunocompromised should avoid contact with your urine or handling disinfection during this time.

What are the normal expectations after the treatment? Common side effects are usually mild to moderate and related to bladder irritation. They may include:

- Burning or pain with urination
- Blood in the urine
- Urinary urgency, frequency, or spasms
- Bladder discharge
- Fatigue, chills, or mild fever

These often resolve on their own.

What is the follow-up? The provider will determine a follow-up plan based on each individual patient. Follow-up typically includes cystoscopy (often at 3 months to assess response), possible imaging, repeat ADSTILADRIN treatments every 3 months if responding, or office visits.

What are the risks? There is potential for adverse reaction with any medication. Serious risks are rare. If you experience any of the following, please call the office or go to the nearest hospital:

- Signs of infection (high fever >100.5°F that persists, chills, severe pain)
- Irritative voiding symptoms that do not resolve within a few days
- Allergic reaction (rash, difficulty breathing, swelling)
- Any unusual or severe symptoms

Additional precautions:

- Risk of disseminated adenoviral infection is rare but higher if you are immunocompromised.
- If you are of reproductive potential: Use effective contraception (females: during treatment and for 6 months after last dose; males with female partners: during treatment and for 3 months after).
- **Important Contact Information**
- Midtown Urology
- 911 W. 38th Street, Suite 200
- (512) 451-7935 phone
- (512) 451-7965 fax

- If you need to reach the doctor after hours for an urgent matter, please call our office at 512-451-7935 and follow the prompts to be connected with the on-call provider.

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- You may also go to Seton Main Emergency Room on 38th and N. Lamar. Please only go to this hospital as our physicians have privileges there.
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- **Hospital for Emergencies**
- Seton Main Medical Center
- 1201 W 38th St, Austin, TX 78705