



NOW APPROVED for the treatment
of Duchenne muscular dystrophy (DMD)¹

VILTEPSO Dosing & Administration Guide

Indication

VILTEPSO is for the treatment of DMD in patients amenable to exon 53 skipping. Accelerated approval is based on an increase in dystrophin. There is an ongoing study to confirm the clinical benefit of VILTEPSO.

Important Safety Information

Warnings and Precautions: In clinical studies, no patients experienced kidney toxicity during treatment with VILTEPSO. However, kidney toxicity from drugs like VILTEPSO may be possible. Serum cystatin C, urine dipstick, and urine protein-to-creatinine ratio should be measured before starting and during treatment with VILTEPSO. Consider measuring GFR before starting VILTEPSO.

Please see Important Safety Information throughout. For more information about VILTEPSO, see accompanying full Prescribing Information.



Viltepso[™]
(viltolarsen) injection

DOSING



VILTEPSO is given as an 80-mg/kg weekly intravenous (IV) infusion¹

- VILTEPSO can be administered using either a peripheral or central venous catheter



Calculate the appropriate dose of VILTEPSO based upon patient weight¹

Calculate the dose based on the patient's weight and the recommended dose of 80 mg/kg

$80 \text{ mg/kg} \times \text{patient's weight (in kg)} = \text{total dose of VILTEPSO (in mg) needed each week}$

For example, a 35-kg child will need: $35 \text{ kg} \times 80 \text{ mg} = 2800 \text{ mg}$ of VILTEPSO

Calculate the volume needed based on the concentration in a single-dose 50-mg/mL vial

$[80 \text{ mg/kg} \times \text{patient's weight in kg}] \div 50 = \text{volume of VILTEPSO (in mL) needed}$

For example, a 35-kg child will need: $35 \text{ kg} \times 80 \text{ mg} \div 50 = 56 \text{ mL}$ of VILTEPSO

Note: If the volume of required VILTEPSO is less than 100 mL, dilution in 0.9% Sodium Chloride Injection, USP is required such that the total volume in the infusion bag is 100 mL.

USP=United States Pharmacopeia.

For more information about VILTEPSO, see accompanying full Prescribing Information.



How to initiate treatment

Download the Patient Start Form at VILTEPSO.com

Contact NS Support:

Phone: 833-NSSUPRT (833-677-8778)

Fax: 888-212-0482

The form is titled "Patient Start Form" and includes the following sections:

- 1. PATIENT/PARENT/GUARDIAN /LEGAL REPRESENTATIVE INFORMATION**: Fields for patient name, address, city, state, zip, DOB, gender, primary contact name, relationship to patient, preferred phone, email, and best time to call.
- 2. INSURANCE INFORMATION**: Check if attaching insurance cards. Fields for primary and secondary policyholder ID, group, and phone.
- 3. PATIENT/PARENT/GUARDIAN/LEGAL REPRESENTATIVE AUTHORIZATION**: Signature and date of patient or guardian.
- 4. PHYSICIAN INFORMATION**: Fields for physician name, affiliation, address, city, state, zip, NPI, state license, tax ID, DEA ID, office contact, phone, email, and fax.
- 5. SITE OF CARE (IF KNOWN)**: Radio buttons for Hospital Clinic, Home Infusion, Physician's Office, Other, and Needs Site of Care. Fields for site name, address, city, state, zip, site contact, phone, email, and fax.
- 6. EXON CONFIRMATION**: Check box for Exon 53 Amenable.
- 7. PHYSICIAN DECLARATION**: Signature and date of physician.

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Important Safety Information

Adverse Reactions: The most common adverse reactions include upper respiratory tract infection, injection site reaction, cough, and pyrexia.

Please see additional Important Safety Information throughout.

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ADMINISTRATION



VILTEPSO is supplied in single-dose (250-mg/5-mL) vials in a clear, colorless, preservative-free solution¹

- Inspect each vial for particulate matter and discoloration prior to preparation
- Allow the vials to warm to room temperature
- Mix the contents gently by inverting 2 to 3 times. Do not shake



Prepare the VILTEPSO solution for infusion using aseptic technique¹

If the volume of VILTEPSO required is **less than 100 mL**:

1. Withdraw the calculated volume of VILTEPSO from the appropriate number of vials
2. From a 100-mL infusion bag of 0.9% Sodium Chloride Injection, USP, withdraw a volume that is equivalent to the calculated volume of VILTEPSO and discard
3. Inject VILTEPSO into the infusion bag
4. Visually inspect the infusion bag for particulates
5. Gently invert the infusion bag to ensure equal distribution. Do not shake
6. Discard unused VILTEPSO

If the volume of VILTEPSO required is **≥100 mL**, no additional dilution with 0.9% Sodium Chloride Injection, USP is required, and the required amount of VILTEPSO should be placed into an empty infusion bag. Visually inspect the infusion bag for particulates. Gently invert the infusion bag to ensure equal distribution. Do not shake. Discard unused VILTEPSO.

Important Safety Information

Warnings and Precautions: In clinical studies, no patients experienced kidney toxicity during treatment with VILTEPSO. However, kidney toxicity from drugs like VILTEPSO may be possible. Serum cystatin C, urine dipstick, and urine protein-to-creatinine ratio should be measured before starting and during treatment with VILTEPSO. Consider measuring GFR before starting VILTEPSO.

Please see additional Important Safety Information throughout.



It should take 60 minutes to complete IV infusion of VILTEPSO¹

- VILTEPSO should only be mixed with 0.9% Sodium Chloride, USP, if further dilution is required
- Do not mix other medications with VILTEPSO or infuse other medications concomitantly via the same IV access line
- Begin infusion as soon as possible—no more than 5 hours after preparation—and complete within 6 hours of preparation if diluted solution is stored at 20° C to 26° C (68° F to 79° F)
- If immediate use is not possible, the solution may be stored for up to 24 hours at 2° C to 8° C (36° F to 46° F). Do not freeze
- Flush the IV access line with 0.9% Sodium Chloride Injection, USP, after infusion. Filtration of VILTEPSO is not required



Contact your VILTEPSO representative or visit VILTEPSO.com for additional information and resources

For more information about VILTEPSO, see accompanying full [Prescribing Information](#).

 **Viltepso**[™]
(viltolarsen) injection

VILTEPSO offers a choice of treatment location—at home or at a treatment center



VILTEPSO is given as an 80-mg/kg weekly **IV infusion**¹



The **appropriate dose** of VILTEPSO is calculated based upon patient weight, at a recommended weekly dosage of 80 mg/kg¹



VILTEPSO is infused for **60 minutes** by a healthcare professional, at home or at a treatment center¹

Visit [VILTEPSO.com](https://www.viltepsos.com) to download the Patient Start Form and get your patients initiated on treatment

Indication

VILTEPSO is indicated for the treatment of Duchenne muscular dystrophy (DMD) in patients who have a confirmed mutation of the DMD gene that is amenable to exon 53 skipping. This indication is approved under accelerated approval based on an increase in dystrophin production in skeletal muscle observed in patients treated with VILTEPSO. Continued approval for this indication may be contingent upon verification and description of clinical benefit in a confirmatory trial.

Important Safety Information

Adverse Reactions: The most common adverse reactions include upper respiratory tract infection, injection site reaction, cough, and pyrexia.

Please see Important Safety Information throughout. For more information about VILTEPSO, see accompanying full [Prescribing Information](#).

Reference: 1. Viltepsos [prescribing information]. Paramus, NJ: NS Pharma, Inc.; 2020.



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08/20 US-NS65C-0297

