

300 PATIENTS SERVED—AND GROWING

Access Pathways[®] Program for VIGADRON[®]

Since June 2018, the Access Pathways[®] Program for VIGADRON[®] has helped physicians overcome the obstacles of prescribing vigabatrin. At no additional cost to patients, we provide a dedicated, experienced team that surrounds patients and caregivers with support, in an effort to **shorten time to therapy**.

Please see Important Safety Information, including Boxed Warning for Risk of Permanent Vision Loss, on page 3-4, and accompanying full Prescribing Information.

93%

OF ELIGIBLE PATIENTS*

receive starter treatment
within 48 hours
following referral.¹



2.87 HOURS

Average time to first call attempt with
caregiver, in business hours.¹



4.34 HOURS

Average time to first contact
with caregiver.¹



4.76 HOURS

Average time to shipment
of VIGADRON[®].¹



50.68 HOURS

Average time to delivery of
prescription VIGADRON[®].¹

SUCCESS STORIES

Access Pathways[®] is fully
committed to providing
the support patients and
caregivers need, regardless
of when they need it.



AFTER-HOURS CARE¹

VIGADRON[®] was personally delivered to
the airport for overnight delivery the same
day a patient received their diagnosis.



WEEKEND SUPPORT¹

A Saturday priority overnight delivery of
VIGADRON[®] to a patient caregiver was arranged.


*Does not include patients who at time of referral are missing REMS or Access Pathways[®] consent, need Rx clarification or opt to not start treatment.


CONTACT YOUR
REPRESENTATIVE
FOR FULL PROGRAM
DETAILS

ACCESS PATHWAYS[®] PROGRAM FOR VIGADRON[®]

Brand-quality support for you and your patients. Upsher-Smith created the Access Pathways[®] Program to support patients and caregivers and ensure patients receive treatment as quickly as possible.

STEP 1 YOU ENROLL IN REMS AND PRESCRIBE VIGADRON[®]


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Complete the Vigabatrin Patient/Parent/Legal Guardian-Physician Agreement Form
Access via a link on VIGADRON.com. Print, complete and fax form to the Vigabatrin REMS Program at 1-866-205-3072.
- 

Complete the VIGADRON[®] Prescription Form
Download the form from VIGADRON.com. Print, complete and fax form to Access Pathways[®].





Please see Important Safety Information, including Boxed Warning for Risk of Permanent Vision Loss, on page 3-4, and accompanying full Prescribing Information.

STEP 2 WE CONFIRM AND DETERMINE PATIENT COVERAGE

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We confirm Step 1 is complete—that both physician and patient Vigabatrin REMS Program documents have been submitted.
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We determine if the patient is:

 -  **Covered**
 -  **Not covered or uninsured**
 -  **Eligible for the co-pay assistance program**
 -  **Or requires a prior authorization**

Prior authorization
If the patient requires a prior authorization we contact their insurance provider. We then fax all necessary forms to your office for you to complete. While this is being done, a VIGADRON[®] starter/bridge supply is sent to the patient. Prior authorization support can be provided only for indicated disease states.

STEP 3 VIGADRON[®] IS DELIVERED AND TREATMENT CAN BEGIN

Prescription ships to the patient from a specialty pharmacy partner as soon as enrollment and eligibility have been confirmed.

93%
of eligible patients*
RECEIVE STARTER
TREATMENT WITHIN
48 HOURS FOLLOWING
REFERRAL.¹



CONTACT
ACCESS PATHWAYS[®]

MONDAY–FRIDAY:
8 am–8 pm EST
Phone: 1-866-923-1954
Fax (forms): 1-877-788-4948

**WEEKENDS AND
AFTER HOURS:**
Phone: 1-866-923-1954
Fax (forms): 1-877-827-0395

All forms and additional
information is available online at
VIGADRON.com

INDICATIONS

VIGADRON[®] (vigabatrin) powder for Oral Solution is indicated for the treatment of:

- Infantile Spasms (IS) – monotherapy in infants 1 month to 2 years of age for whom the potential benefits outweigh the potential risk of vision loss.
- Refractory Complex Partial Seizures as adjunctive therapy in patients 2 years of age and older who have responded inadequately to several alternative treatments and for whom the potential benefits outweigh the potential risk of vision loss; VIGADRON is not indicated as a first line agent.

IMPORTANT SAFETY INFORMATION

WARNING: PERMANENT VISION LOSS
See full Prescribing Information for complete Boxed Warning.

- **VIGADRON can cause permanent bilateral concentric visual field constriction, including tunnel vision that can result in disability. In some cases, VIGADRON may also decrease visual acuity.**
- **Risk increases with increasing dose and cumulative exposure, but there is no dose or exposure to VIGADRON known to be free of risk of vision loss.**
- **Risk of new and worsening vision loss continues as long as VIGADRON is used, and possibly after discontinuing VIGADRON.**
- **Baseline and periodic vision assessment is recommended for patients on VIGADRON. However, this assessment cannot always prevent vision damage.**
- **The onset of vision loss from VIGADRON is unpredictable, and can occur within weeks of starting treatment or sooner, or at any time after starting treatment, even after months or years.**
- **Because of the risk of permanent vision loss, VIGADRON is available only through a restricted program under a Risk Evaluation and Mitigation Strategy (REMS) called the Vigabatrin REMS Program. Further information is available at www.vigabatrinREMS.com or call 1-866-244-8175.**

WARNINGS & PRECAUTIONS

- **Permanent Vision Loss.** VIGADRON can cause permanent vision loss. The risk of vision loss increases with increasing the dose and cumulative exposure, but there is no dose or exposure known to be free of risk of vision loss. Patient response should be periodically assessed. Patients can be affected with bilateral concentric visual field constriction ranging in severity from mild to severe. Severe cases may be characterized by tunnel vision, which can result in disability. In some cases, VIGADRON also can damage the central retina and may decrease visual acuity. Symptoms of vision loss from VIGADRON are unlikely to be recognized by patients or caregivers before vision loss is severe. Vision loss of milder severity, while often unrecognized by the patient or caregiver, can still adversely affect function.
- **Monitoring of Vision.** Monitoring of vision by an ophthalmic professional with expertise in visual field interpretation and the ability to perform dilated indirect ophthalmoscopy of the retina isrecommended. Because vision testing in infants is difficult, vision loss may not be detected until it is severe. For patients receiving VIGADRON, vision assessment is recommended at baseline, at least every 3 months while on therapy, and about 3 to 6 months after the discontinuation of therapy. Once detected, vision loss due to VIGADRON is not reversible. It is expected that even with frequent monitoring, some VIGADRON patients will develop severe vision loss.
- **Magnetic Resonance Imaging (MRI) Abnormalities in Infants.** Abnormal MRI signal changes have been reported in some infants with Infantile Spasms receiving VIGADRON. These changes generally resolved with discontinuation of treatment.

*Does not include patients who at time of referral are missing REMS or Access Pathways[®] consent, need Rx clarification or opt to not start treatment.

- **Suicidal Behavior and Ideation.** Antiepileptic drugs, including VIGADRONE, increase the risk of suicidal thoughts and behavior. Patients treated with any AED for any indication should be monitored for the emergence or worsening of depression, suicidal thoughts or behavior, and/or any unusual changes in mood or behavior. Patients, their caregivers, and families should be informed that AEDs increase the risk of suicidal thoughts and behavior and should be advised of the need to be alert and report behaviors of concern immediately to healthcare providers.
- **Neurotoxicity.** Based on animal data, VIGADRONE may cause neurotoxicity. Intramyelinic edema (IME), was seen in animals at doses within the human therapeutic range.
- **Anemia.** VIGADRONE may cause anemia.
- **Somnolence and Fatigue.** VIGADRONE causes somnolence and fatigue. Advise patients not to drive or operate machinery until they have gained sufficient experience on VIGADRONE.
- **Peripheral Neuropathy.** VIGADRONE causes symptoms of peripheral neuropathy in adults.
- **Weight Gain.** VIGADRONE causes weight gain in adult and pediatric patients.
- **Edema.** VIGADRONE causes edema in adults.
- **Withdrawal of AEDs.** As with all AEDs, VIGADRONE should be withdrawn gradually.

USE IN SPECIFIC POPULATIONS

- **Pregnancy:** Based on animal data, VIGADRONE may cause fetal harm.
- **Nursing Mothers:** VIGADRONE is excreted in human milk.

DRUG INTERACTIONS

VIGADRONE may decrease phenytoin plasma levels: dosage adjustment may be needed.

ADVERSE REACTIONS

Refractory Complex Partial Seizures

Most common adverse reactions in controlled studies include (incidence $\geq 5\%$ over placebo):

- Adults: blurred vision, somnolence, dizziness, abnormal coordination, tremor, and fatigue
- Pediatric patients (3 to 16 years of age): weight gain

Infantile Spasms (incidence $> 5\%$ and greater than on placebo)

- Somnolence, bronchitis, ear infection, and acute otitis media

The most serious adverse reactions are listed above in the WARNINGS AND PRECAUTIONS section.

Refer to the DOSAGE AND ADMINISTRATION section of the full Prescribing Information for recommended dosing guidelines for VIGADRONE, including specific populations.

This safety information is not comprehensive. Please refer to the full Prescribing Information, including Boxed Warning for vision loss for VIGADRONE, WARNINGS AND PRECAUTIONS and Medication Guide. You can also visit www.vigadrone.com, www.upsheer-smith.com or call 1-888-650-3789.

You are encouraged to report suspected adverse reactions to Upsher-Smith Laboratories, LLC at 1-855-899-9180 or to the FDA by visiting www.fda.gov/medwatch.

References

1. Data on file. Maple Grove, MN: Upsher-Smith Laboratories, LLC; 2019.

Table 10. Spasm Freedom by Primary Criteria (Study 1)		
	Vigabatrin Treatment Group	
	18 to 36 mg/kg/day (n=17)	100 to 140 mg/kg/day (n=17)
Patients who Achieved Spasm Freedom	8 (47.1)	17 (100.0)

p<0.0075
Note: Primary criteria were evaluated based on caregiver assessment plus CCTV EEG confirmation within 3 days of the seventh day of spasm freedom.

Study 1:
Study 2 (N=40) was a multicenter, randomized, double-blind, placebo-controlled, parallel-group study consisting of a pre-treatment (baseline) period of 2 to 3 days, followed by a 5-day double-blind treatment phase during which patients were treated with vigabatrin (initial dose of 50 mg/kg/day with titration allowed to 150 mg/kg/day) or placebo. The primary efficacy endpoint in this study was the average percent change in daily spasm frequency, assessed during a pre-defined and consistent 2-hour window of evaluation, comparing baseline to the final 2 days of the 5-day double-blind treatment phase. No statistically significant differences were observed in the average frequency of spasms using the 2-hour evaluation window. However, a post-hoc alternative efficacy analysis, using a 24-hour clinical evaluation window found a statistically significant difference in the overall percentage of reductions in spasms between the vigabatrin group (68.3%) and the placebo group (17.3%) (p<0.005).

Duration of therapy for infantile spasms was evaluated in a post hoc analysis of a Canadian Pediatric Epilepsy Network (CPEN) study of developmental outcomes in infantile spasms patients. The 28/68 infants in this study who had responded to vigabatrin therapy (complete cessation of spasms and hypsarrhythmia) continued vigabatrin therapy for a total duration of 6 months therapy. The 38 infants who responded were then followed for an additional 18 months after discontinuation of vigabatrin to determine their clinical outcome. A post hoc analysis indicated no observed recurrence of infantile spasms in any of these 38 infants.

16. HOW SUPPLIED/STORAGE AND HANDLING

16.1 How Supplied:
VIGADRON® powder for oral solution, 500 mg packets contain a white to off-white granular powder. They are supplied in cartons of 50 packets (NDC 0245-0556-50).

The oral syringes are provided separately by the pharmacy.

16.2 Storage and Handling:
Store at 20° to 25°C (68° to 77°F). [See USP Controlled Room Temperature].

17 PATIENT COUNSELING INFORMATION

Advise patients and caregivers to read the FDA-approved patient labeling (Medication Guide and Instructions for Use).

Administration Instructions for VIGADRON® Powder by Oral Solution
Physicians should confirm that caregivers understand how to mix VIGADRON® for Oral Solution and to administer the correct dose to their infants and pediatric patients (See Dose and Administration (2.5)).

Permanent Vision Loss
Inform patients and caregivers of the risk of permanent vision loss, particularly loss of peripheral vision, from VIGADRON®, and the need for monitoring vision (see Warnings and Precautions (5.1)).

Monitoring of vision, including assessment of visual fields and visual acuity, is recommended at baseline (no later than 4 weeks after starting VIGADRON®), at least every 3 months while on therapy, and about 3 to 6 months after discontinuation of therapy. In patients for whom vision testing is not possible, treatment may continue without recommended testing according to clinical judgment with appropriate patient and caregiver counseling. Patients or caregivers should be informed that if baseline or subsequent vision is not normal, VIGADRON® should only be used if the benefits of VIGADRON® treatment clearly outweigh the risks of additional vision loss. Advise patients and caregivers that vision testing may be insensitive and may not detect vision loss before it is severe. Also advise patients and caregivers that if vision loss is documented, such loss is irreversible. Ensure that both of these points are understood by patients and caregivers.

Patients and caregivers should be informed that if changes in vision are suspected, they should notify their physician immediately.

Vigabatrin REMS Program
VIGADRON® is available only through a restricted program called the Vigabatrin REMS Program (see Warnings and Precautions (2.5)). Inform patients/caregivers of the following:

- Patients/caregivers must be enrolled in the program.
- VIGADRON® is only available through pharmacies that are enrolled in the Vigabatrin REMS Program.

MRI Anomalies in Infants
Inform caregivers of the possibility that infants may develop an abnormal MRI signal of unknown clinical significance (see Warnings and Precautions (2.5)).

Suicidal Thinking and Behavior
Counsel patients, their caregivers, and families that AEDs, including VIGADRON®, may increase the risk of suicidal thoughts and behavior. Also advise patients and caregivers of the need to alert for the emergence or worsening of symptoms of depression, any unusual changes in mood or behavior, or the emergence of suicidal thoughts, behavior, or thoughts of self-harm. Behaviors of concern should be reported immediately to healthcare providers (see Warnings and Precautions (2.5)).

Pregnancy
Advise pregnant women and women of child-bearing potential that the use of VIGADRON® during pregnancy can cause fetal harm which may occur early in pregnancy before many women know they are pregnant. Instruct patients to notify their healthcare provider if they need to alert for the emergence or worsening of symptoms of depression, any unusual changes in mood or behavior, or the emergence of suicidal thoughts, behavior, or thoughts of self-harm. Behaviors of concern should be reported immediately to healthcare providers (see Warnings and Precautions (2.5)).

Nursing
Counsel patients that VIGADRON® is excreted in breast milk. Because of the potential for serious adverse reactions in nursing infants from VIGADRON®, breastfeeding is not recommended. If a decision is made to breastfeed, nursing mothers should be counseled to observe their infants for signs of vision loss, sedation and poor sucking (see Use in Specific Populations (8.2)).

Withdrawal of VIGADRON® Therapy
Instruct patients and caregivers not to suddenly discontinue VIGADRON® therapy without consulting with their healthcare provider. As with all AEDs, withdrawal should normally be gradual (see Warnings and Precautions (2.5)).

Manufactured for
UPSHER-SMITH LABORATORIES, LLC
Maple Grove, MN 55369
VIGADRON® is a registered trademark of Upspher-Smith Laboratories, LLC.
Made in Germany
IN0556AU

Revised 0220

MEDICATION GUIDE
VIGADRON® (vi-ga-drone) (vigabatrin)
Powder for oral solution
<p>What is the most important information I should know about VIGADRON®? VIGADRON® can cause serious side effects, including:</p> <ul style="list-style-type: none"> Permanent vision loss Magnetic resonance imaging (MRI) changes in babies with infantile spasms (IS) Risk of suicidal thoughts or actions <p>1. Permanent vision loss: VIGADRON® can damage the vision of anyone who takes it. Some people can have severe loss particularly to their ability to see to the side when they look straight ahead (peripheral vision). With severe vision loss, you may only be able to see things straight in front of you (sometimes called "tunnel vision"). You may also have blurry vision. If this happens, it will not get better.</p> <p>• Vision loss and use of VIGADRON® in adults and children 2 years and older: Because of the risk of vision loss, VIGADRON® is used to treat complex partial seizures (CPS) in people who do not respond well enough to several other medicines.</p> <p>Tell your healthcare provider right away if you (or your child):</p> <ul style="list-style-type: none"> might not be seeing as well as before starting VIGADRON® start to trip, bump into things, or are more clumsy than usual are surprised by people or things coming in front of you that seem to come out of nowhere These changes can mean that you (or your child) have damage to your vision. It is recommended that your healthcare provider test your (or your child's) vision (including peripheral vision) and visual acuity (ability to read an eye chart) before you (or your child) start VIGADRON®, and within 4 weeks after starting VIGADRON®, and at least every 3 months after that until VIGADRON® is stopped. It is also recommended that you (or your child) have a vision test about 3 to 6 months after VIGADRON® is stopped. Your vision loss may get worse after you stop taking VIGADRON®. Some people are not able to complete testing of vision. Your healthcare provider will determine if you (or your child) can be tested. If you (or your child) cannot complete vision testing, your healthcare provider may continue prescribing VIGADRON®, but your healthcare provider will not be able to watch for any vision loss you (or your child) may get.

- Even if your vision (or your child's vision) seems fine, it is important that you (or your child) get these regular vision tests because vision damage can happen before you (or your child) notice any changes.
- These vision tests cannot prevent the vision damage that can happen with VIGADRON®, but they do allow the healthcare provider to decide if you (or your child) should stop VIGADRON® if your vision has gotten worse.
- Vision testing may not detect vision loss before it is severe.
- If you do not have these vision tests regularly, your healthcare provider may stop prescribing VIGADRON®.
- If you drive and your vision is damaged by VIGADRON®, driving might be more dangerous, or you may not be able to drive safely at all. Talk about this with your healthcare provider.
- Vision loss in babies:** Because of the risk of vision loss, VIGADRON® is used in babies 1 month to 2 years of age with infantile spasms (IS) only when you and your healthcare provider decide that the possible benefits of VIGADRON® are more important than the risks.
- Parents or caregivers are not likely to recognize the symptoms of vision loss in babies until it is severe. Healthcare providers may not find vision loss in babies until it is severe.
- It is difficult to test vision in babies, but, to the extent possible, all babies should have their vision tested before starting VIGADRON® or within 4 weeks after starting VIGADRON®, and every 4 months after that until VIGADRON® is stopped. Your baby should also have a vision test about 3 to 6 months after VIGADRON® is stopped.
- Your baby may not be able to be tested. Your healthcare provider will determine if your baby can be tested. If your baby cannot be tested, your healthcare provider may continue prescribing VIGADRON®, but your healthcare provider will not be able to watch for any vision loss.

Tell your healthcare provider right away if you think that your baby is:

- not seeing as well as before taking VIGADRON®
- acting differently than normal
- Even if your baby's vision seems fine, it is important to get regular vision tests because damage can happen before your baby acts differently. Even these regular vision exams may not show the damage to your baby's vision before it is severe and permanent.

All people who take VIGADRON®:

- You are at risk for permanent vision loss with any amount of VIGADRON®.
- Your risk of vision loss may be higher the more VIGADRON® you take daily and the longer you take it.
- It is not possible for your healthcare provider to know when vision loss will happen. It could happen soon after starting VIGADRON® or any time during treatment. It may even happen after treatment has stopped.

- Because VIGADRON® might cause permanent vision loss, it is available to healthcare providers and patients only under a special program called the Vigabatrin Risk Evaluation and Mitigation Strategy (REMS) Program. VIGADRON® can only be prescribed to people who are enrolled in this program. As part of the Vigabatrin REMS Program, it is recommended that your healthcare provider test your (or your child's) vision from time to time (periodically) while you (or your child) are being treated with VIGADRON®, and even after you (or your child) stop treatment. Your healthcare provider will explain the details of the Vigabatrin REMS Program to you. For more information, go to www.vigabatrinREMS.com or call 1-866-244-8175.
- Magnetic resonance imaging (MRI) changes in babies with infantile spasms:**
Brain pictures taken by magnetic resonance imaging (MRI) show changes in some babies after they are given VIGADRON®. It is not known if these changes are harmful.
- Risk of suicidal thoughts or actions:**
Like other antiepileptic drugs, VIGADRON® may cause suicidal thoughts or actions in a very small number of people, about 1 in 500 people taking it. Call a healthcare provider right away if you or your child have any of these symptoms, especially if they are new, worse, or worry you:
 - thoughts about suicide or dying
 - attempts to commit suicide
 - new or worse depression
 - new or worse anxiety
 - feeling agitated or restless
 - panic attacks
 - trouble sleeping (insomnia)
 - new or worse irritability
 - acting aggressive, being angry, or violent
 - acting on dangerous impulses
 - an extreme increase in activity and talking (mania)
 - other unusual changes in behavior or mood

Suicidal thoughts or actions can be caused by things other than medicines. If you or your child have suicidal thoughts or actions, your healthcare provider may check for other causes.

How can I watch for early symptoms of suicidal thoughts and actions?

- Pay attention to any changes, especially sudden changes, in mood, behaviors, thoughts, or feelings.
- Keep all follow-up visits with your healthcare provider as scheduled.

- Call your healthcare provider between visits as needed, especially if you are worried about symptoms.
- Do not stop VIGADRON® without first talking to a healthcare provider.**
- Stopping VIGADRON® suddenly can cause serious problems. Stopping a seizure medicine suddenly can cause seizures that will not stop (status epilepticus) in people who are being treated for seizures.

What is VIGADRON®?

- VIGADRON® is a prescription medicine used along with other treatments to treat adults and children 2 years and older with complex partial seizures (CPS) if:
 - the CPS do not respond well enough to several other treatments, and
 - you and your healthcare provider decide the possible benefit of taking VIGADRON® is more important than the risk of vision loss.
- VIGADRON® should not be the first medicine used to treat CPS.
- VIGADRON® is also used to treat babies 1 month to 2 years of age who have infantile spasms (IS) if you and your healthcare provider decide the possible benefits of taking VIGADRON® are more important than the possible risk of vision loss.

What should I tell my healthcare provider before starting VIGADRON®?

If you or your child has CPS, before taking VIGADRON® tell your healthcare provider about all of your medical conditions, including if you or your child:

- have or had an allergic reaction to VIGADRON®, such as hives, itching, or trouble breathing
- have or had any vision problems
- have or had any kidney problems
- have or had low red blood cell counts (anemia)
- have or had any nervous or mental illnesses, such as depression, mood problems, thoughts of suicide, or attempts at suicide
- are breastfeeding or planning to breastfeed. VIGADRON® can pass into breast milk and may harm your baby. Talk to your healthcare provider about the best way to feed your baby if you take VIGADRON®.
- are pregnant or plan to become pregnant. VIGADRON® can cause harm to your unborn baby. You and your healthcare provider will have to decide if you should take VIGADRON® while you are pregnant.

Pregnancy Registry:

If you become pregnant while taking VIGADRON®, talk to your healthcare provider about registering with the North American Antiepileptic Drug Pregnancy Registry. You can enroll in this registry by calling 1-888-233-2334. Information on the registry can also be found at the website <http://www.aedpregnancy.org/>. The purpose of this registry is to collect information about the safety of antiepileptic medicine during pregnancy.

If you are a parent or caregiver whose baby has IS, before giving VIGADRON® to your baby, tell your healthcare provider about all of your baby's medical conditions, including if your baby has or ever had:

- an allergic reaction to VIGADRON®, such as hives, itching, or trouble breathing
- any vision problems
- any kidney problems

Tell your healthcare provider about all the medicines you or your child take, including prescription and over-the-counter medicines, vitamins, and herbal supplements. VIGADRON® and other medicines may affect each other causing side effects.

How should I take VIGADRON®?

- You or your child will receive VIGADRON® from a specialty pharmacy.
- Take VIGADRON® exactly as your healthcare provider tells you to. VIGADRON® is usually taken 2 times each day.
- VIGADRON® may be taken with or without food.
- Before starting to take VIGADRON®, talk to your healthcare provider about what you or your child should do if a VIGADRON® dose is missed.
- If you or your child are taking VIGADRON® for CPS and the seizures do not improve enough within 3 months, your healthcare provider will stop prescribing VIGADRON®.
- If your child is taking VIGADRON® for IS and the seizures do not improve within 2 to 4 weeks, your healthcare provider will stop prescribing VIGADRON®.

- Do not stop taking VIGADRON® suddenly.** This can cause serious problems. Stopping VIGADRON® or any seizure medicine suddenly can cause seizures that will not stop (status epilepticus) in people who are being treated for seizures. You should follow your healthcare provider's instructions on how to stop taking VIGADRON®.
- Tell your healthcare provider right away about any increase in seizures when VIGADRON® treatment is being stopped.** Before your child starts taking VIGADRON®, speak to your child's healthcare provider about what to do if your baby misses a dose, vomits, spits up, or only takes part of the dose of VIGADRON®.
- Do not stop taking VIGADRON® without talking to your healthcare provider.** If VIGADRON® improves your (or your child's) seizures, you and your healthcare provider should talk about whether the benefit of taking VIGADRON® is more important than the risk of vision loss and decide if you (or your child) will continue to take VIGADRON®.

- If you are giving VIGADRON® powder for oral solution to your child, it can be given at the same time as their meal. **VIGADRON® for oral solution powder should be mixed with water only.**
- See "Instructions for Use" for detailed information about how to mix and give VIGADRON® powder for oral solution to your child the right way.**

What should I avoid while taking VIGADRON®?
VIGADRON® causes sleepiness and tiredness. Adults taking VIGADRON® should not drive, operate machinery, or perform any hazardous task, unless you and your healthcare provider have decided that you can do these things safely.

What are the possible side effects of VIGADRON®?

VIGADRON® can cause serious side effects, including:

- See "What is the most important information I should know about VIGADRON®?"**
- sleepiness and tiredness.** See "What should I avoid while taking VIGADRON®?"
- VIGADRON® may cause your baby to be sleepy.** Sleepy babies may have a harder time suckling and feeding or may be irritable.
- weight gain that happens without swelling**
- nerve problems.** Symptoms of a nerve problem can include numbness and tingling in your toes or feet. It is not known if nerve problems will go away after you stop taking VIGADRON®.
- low red blood cell counts (anemia)**
- nerve problems.** Symptoms of a nerve problem can include numbness and tingling in your toes or feet. It is not known if nerve problems will go away after you stop taking VIGADRON®.

• swelling

If you or your child has CPS, VIGADRON® may make certain types of seizures worse. Tell your healthcare provider right away if your (or your child's) seizures get worse.

The most common side effects of VIGADRON® in **adults** include blurred vision, sleepiness, dizziness, problems walking or feeling uncoordinated, shaking (tremor) and tiredness.

The most common side effect of VIGADRON® in **children 3 to 16 years of age** is weight gain. Also expect side effects like those seen in adults.

If you are giving VIGADRON® to your baby for IS:
VIGADRON® may make certain types of seizures worse. You should tell your baby's healthcare provider right away if your baby's seizures get worse. Tell your baby's healthcare provider if you see any changes in your baby's behavior.

The most common side effects of VIGADRON® in **babies** include:

- sleepiness – VIGADRON® may cause your baby to be sleepy. Sleepy babies may have a harder time suckling and feeding or may be irritable.
- swelling in the bronchial tubes (bronchitis)
- ear infection
- irritability

Tell your healthcare provider if you or your child have any side effect that bothers you or that does not go away. These are not all the possible side effects of VIGADRON®.

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

How should I store VIGADRON®?

- Store VIGADRON® packets at room temperature – between 20° to 25°C (68° to 77°F).

Keep VIGADRON® and all medicines out of the reach of children.

General information about the safe and effective use of VIGADRON®.

Medicines are sometimes prescribed for purposes other than those listed in a Medication Guide. You can ask your pharmacist or healthcare provider for information about VIGADRON® that is written for health professionals. Do not use VIGADRON® for a condition for which it was not prescribed. Do not give VIGADRON® to other people, even if they have the same symptoms that you have. It may harm them.

What are the ingredients in VIGADRON®?

Active Ingredient: vigabatrin

For Medication Guides, please visit www.upspher-smith.com or call 1-888-650-3789.

Manufactured for
UPSHER-SMITH LABORATORIES, LLC
Maple Grove, MN 55369
VIGADRON® is a registered trademark of Upspher-Smith Laboratories, LLC.
Made in Germany

This Medication Guide has been approved by the U.S. Food and Drug Administration.

IN0556AU

Revised 0220

INSTRUCTIONS FOR USE
VIGADRON® (vi-ga-drone) (vigabatrin)
Powder for oral solution
<p>Read this Instructions for Use before your child starts taking VIGADRON® and each time you get a refill. There may be new information. This information does not take the place of talking with your healthcare provider about your child's medical condition or treatment. Talk to your healthcare provider if you have any questions about the right dose of medicine to give your child or how to mix it.</p> <p>Important Note:</p> <ul style="list-style-type: none"> VIGADRON® comes in a packet Each packet contains 500 mg of VIGADRON® powder VIGADRON® powder must be mixed with water only. The water may be cold or at room temperature. Your healthcare provider will tell you: <ul style="list-style-type: none"> how many packets of VIGADRON® you will need for each dose how many milliliters (mL) of water to use to mix one dose of VIGADRON® how many milliliters (mL) of the powder and water mixture you will need for each dose of medicine VIGADRON® should be given right away after it is mixed Use the oral syringes, provided by the pharmacy, to measure and give the correct dose. Do not use a household teaspoon or tablespoon.

Supplies you will need to mix 1 dose of VIGADRON®:



- The number of packets of VIGADRON® needed for each dose
- 2 clean cups: 1 for mixing and 1 for water. The cup used for mixing VIGADRON® should be clear so you can see if the powder is dissolved
- Water to mix with the VIGADRON® powder
- One small 3 mL oral syringe and one large 10 mL oral syringe which are provided by the pharmacy.
- Small spoon or other clean utensil to stir the mixture
- Scissors



Step 1: Start with **1** of the empty cups and the total number of packets you will need for 1 dose.

Step 2: Before you open the packet, tap it to settle all the powder to the bottom of the packet.

Step 3: Use a pair of scissors to cut open the VIGADRON® packet along the dotted line.

Step 4: Empty the entire contents of the VIGADRON® packet into **1** of the clean empty cups (see Figure A).



Figure A

- Repeat steps 2 to 4 above to open all of the packets needed for 1 dose of VIGADRON®.

Step 5: Take the **second** cup and fill it half way with water (see Figure B).

Do not mix VIGADRON® with anything other than water.



Figure B

- You will use the **larger** oral syringe (10 mL) to draw up the water needed to mix with the powder from the packets. **You will need 10 mL of water for each packet of VIGADRON®.**
- If you are using 1 packet of VIGADRON®, you will need to use 10 mL of water (fill the 10 mL oral syringe 1 time)
- If you are using 2 packets of VIGADRON®, you will need to use 20 mL of water (fill the 10 mL oral syringe 2 times)
- If you are using 3 packets of VIGADRON®, you will need to use 30 mL of water (fill the 10 mL oral syringe 3 times)

Step 6: Use the 10 mL oral syringe to draw up 10 mL of water. To do this, put the **tip** of the oral syringe all the way into the water in your cup. Then pull the plunger up towards you until the edge of the white plunger is at the 10 mL line on the barrel of the oral syringe (see Figure C).



Figure C

- If you see bubbles of air in the oral syringe after drawing up the water, turn the oral syringe so the tip is pointing up (see Figure D). The air will move to the top of the oral syringe. Pull the plunger back towards you and then push it back gently into the oral syringe to get rid of the bubbles. Tiny bubbles are normal.



Figure D

Step 7: Check the oral syringe to make sure it is filled with water up to the 10 mL line (see Figure E).

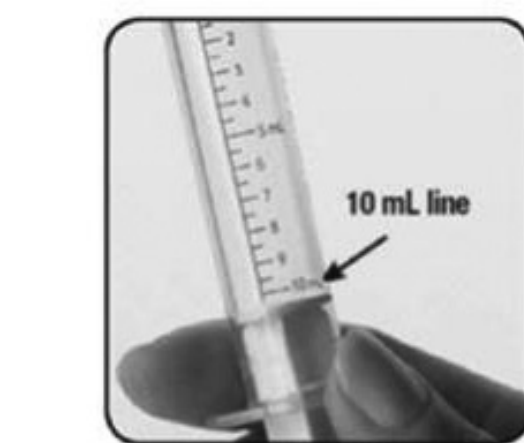


Figure E

Step 8: Get the second cup that contains the VIGADRON® needed for your dose.

Step 9: Hold the 10 mL oral syringe that is filled with water with the tip pointing down over the VIGADRON®.

Step 10: **Slowly** push the oral syringe plunger all the way down to empty the water from the oral syringe straight into the cup containing the VIGADRON® (see Figure F).



Figure F

Repeat steps 6 through 10 until all of the water that is needed to mix 1 dose of VIGADRON® has been added to the cup containing the powder.

Step 11: Stir the mixture with the small spoon or other clean utensil until the solution is clear (see Figure G). This means that all of the powder is dissolved and ready for use.



Figure G

- To give a dose of VIGADRON® to your child, you should use the oral syringe to draw up the total number of mLs of the mixture that your healthcare provider tells you to.
- If you are giving **3 mL or less** of the mixture, use the smaller 3 mL oral syringe.
- If you are giving **more than 3 mL** of the mixture, use the larger 10 mL oral syringe (this is the oral syringe that you just used to add the water).

Step 12: Put the **tip** of the oral syringe all the way into the mixture. Pull the plunger up towards you to draw up the mixture. Stop when the edge of the white plunger lines up with the markings on the barrel of the oral syringe that matches the number of mLs of mixture your healthcare provider told you to give (see Figure H).



Figure H

- If you see bubbles of air in the oral syringe after drawing up the mixture, turn the oral syringe so the tip is pointing up (see Figure I). The air will move to the top of the oral syringe. Pull the plunger back towards you and then gently push it back in the oral syringe in order to get rid of the bubbles. Tiny bubbles are normal.



Figure I

Step 13: Place the tip of the oral syringe into your child's mouth and point the oral syringe towards either cheek (see Figure J). Push on the plunger slowly, a **small amount at a time**, until all of the mixture in the oral syringe is given.



Figure J

- If the dose you are giving your child is more than 10 mLs, repeat steps 12 and 13 until you give the total dose of mixture prescribed by your healthcare provider.

Step 14: Throw away any mixture that is left over. **Do not** save or reuse any leftover mixture.

Step 15: Wash the oral syringes and mixing cups in warm water. To clean the oral syringes, remove the plunger by gently pulling it straight out of the barrel. The barrel and plunger can be hand washed with soap and water, rinsed, and allowed to dry.