For some people, a diagnosis of MS is a relief, giving a name and a reason for a parade of strange symptoms. For others, a diagnosis of MS brings images of the worst possible future. Both reactions will likely change somewhat over time, but for many with MS, diagnosis is a day when life changes.

Even before the news can be fully absorbed, people with MS face a decision about taking a disease-modifying medication. The National MS Society’s Medical Advisory Committee agrees that disease-modifying medications are most effective when started early, before the disease has the opportunity to progress further.

Disease-modifying medications

- Reduce the frequency and severity of clinical attacks (also called relapses or exacerbations). An attack is defined as the worsening of an MS symptom or symptoms, and/or the appearance of new symptoms, which lasts at least 24 hours and is separated from a previous exacerbation by at least one month.

- Reduce the accumulation of lesions (damaged or active disease areas) within the brain and spinal cord as seen on MRI (magnetic resonance imaging).

- Appear to slow down the accumulation of disability.

These medications, which are generally taken on a long-term basis, are the best defense currently available to slow the natural course of MS. Even though the disease-modifying medications don’t generally make a person feel better, they can be looked upon as an investment in the future.

Options

There are currently ten disease-modifying medications approved by the U.S. Food and Drug Administration (FDA) for use in relapsing forms of MS (including secondary-progressive MS for those people who are still experiencing relapses).

Of these, one is also approved specifically for secondary-progressive MS. None of these medications is a cure, and none will prevent recurring symptoms, such as fatigue or numbness. However, each of them has a proven record of effectiveness. Unfortunately, no disease-modifying medication has yet been approved to treat primary progressive MS — the type of MS that shows steady progression at onset.
Decisions about taking a disease-modifying medication are best made by carefully considering and weighing factors including individual lifestyle, disease course, known side effects, and the potential risks and benefits of the different therapies. A full discussion with a knowledgeable healthcare professional is the best guide for your decision. Each person's body or disease can respond to these medications in different ways.

The following charts present important information about each of the medications, which are listed in alphabetical order.

### Brand (Generic Name) & Frequency/Route of Delivery/Usual Dose

<table>
<thead>
<tr>
<th>Brand (Generic Name)</th>
<th>Frequency/Route of Delivery/Usual Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aubagio® (teriflunomide)</td>
<td>Every day; pill taken orally; 7 mg or 14 mg.</td>
</tr>
<tr>
<td>Avonex® (interferon beta-1a)</td>
<td>Once a week; intramuscular (into the muscle) injection; 30 mcg.</td>
</tr>
<tr>
<td>Betaseron® (interferon beta-1b)</td>
<td>Every other day; subcutaneous (under the skin) injection; 250 mcg.</td>
</tr>
<tr>
<td>Copaxone® (glatiramer acetate)</td>
<td>Every day; subcutaneous (under the skin) injection; 20 mg (20,000 mcg).</td>
</tr>
<tr>
<td>Extavia® (interferon beta-1b)</td>
<td>Every other day; subcutaneous (under the skin) injection; 250 mcg.</td>
</tr>
<tr>
<td>Gilenya™ (fingolimod)</td>
<td>Every day; capsule taken orally; 0.5 mg.</td>
</tr>
</tbody>
</table>

### Novantrone®
(mitoxantrone; as of 2006, available as a generic drug)
Four times a year by IV infusion in a medical facility. Lifetime cumulative dose limit of approximately 8–12 doses over 2–3 years (140 mg/m²).

### Rebif® (interferon beta-1a)
Three times a week; subcutaneous (under the skin) injection; 44 mcg.

### Tecfidera™ (dimethyl fumarate — formerly called BG-12)
Twice a day; capsule taken orally; 120 mg for one week and 240 mg thereafter.

### Tysabri® (natalizumab)
Every four weeks by IV infusion in a registered infusion facility; 300 mg.

### Manufacturer/Distributor & Year of FDA Approval

<table>
<thead>
<tr>
<th>Brand (Generic Name)</th>
<th>Manufacturer/Distributor</th>
<th>Year of FDA Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aubagio®</td>
<td>Genzyme, a Sanofi company</td>
<td>2012</td>
</tr>
<tr>
<td>Avonex®</td>
<td>Biogen Idec</td>
<td>1996</td>
</tr>
<tr>
<td>Betaseron®</td>
<td>Bayer HealthCare Pharmaceuticals, Inc.</td>
<td>1993</td>
</tr>
<tr>
<td>Copaxone®</td>
<td>Teva Neuroscience</td>
<td>1996</td>
</tr>
<tr>
<td>Extavia®</td>
<td>Novartis Pharmaceuticals Corp.</td>
<td>2009</td>
</tr>
<tr>
<td>Gilenya™</td>
<td>Novartis Pharmaceuticals Corp.</td>
<td>2010</td>
</tr>
<tr>
<td>Novantrone®</td>
<td>EMD Serono, Inc./ImmuneX Corporation</td>
<td>2000</td>
</tr>
<tr>
<td>Rebif®</td>
<td>EMD Serono, Inc./Pfizer, Inc.</td>
<td>2002</td>
</tr>
<tr>
<td>Tecfidera™</td>
<td>Biogen Idec</td>
<td>2013</td>
</tr>
<tr>
<td>Tysabri®</td>
<td>Biogen Idec</td>
<td>2006</td>
</tr>
</tbody>
</table>
### Indication (FDA-approved Use)

**Aubagio®**
For the treatment of relapsing forms of MS.

**Avonex®**
For the treatment of relapsing forms of MS to slow the accumulation of physical disability and reduce the frequency of clinical exacerbations, and for patients who have experienced a first clinical episode and have MRI features consistent with MS.

**Betaseron®**
For the treatment of relapsing forms of MS to reduce the frequency of clinical exacerbations; and for patients who have experienced a first clinical episode and have MRI features consistent with MS.

**Copaxone®**
For the treatment of relapsing-remitting MS to reduce the number of clinical exacerbations; and for patients who have experienced a first clinical episode and have MRI features consistent with MS.

**Extavia®**
For the treatment of relapsing forms of MS to reduce the frequency of clinical exacerbations; and for patients who have experienced a first clinical episode and have MRI features consistent with MS.

**Gilenya™**
For the treatment of relapsing forms of MS to reduce the frequency of clinical exacerbations and to delay the accumulation of physical disability.

---

**Novantrone®**
For the treatment of worsening relapsing-remitting MS, progressive-relapsing MS or secondary-progressive MS to reduce neurologic disability and/or the frequency of clinical exacerbations.

**Rebif®**
For the treatment of relapsing forms of MS to reduce the frequency of clinical exacerbations and delay the accumulation of physical disability.

**Tecfidera™**
For the treatment of relapsing forms of MS.

**Tysabri®**
To be used as a monotherapy (not in combination with any other disease-modifying medications) for the treatment of relapsing forms of MS to delay the accumulation of physical disability and reduce the frequency of clinical exacerbations; generally recommended for patients who have had inadequate response to, or are unable to tolerate, another disease modifying medication.

**NOTE:** Patients taking interferon beta-1a (Avonex or Rebif) or interferon beta-1b (Betaseron or Extavia) medications may develop immunity to the treatment demonstrated by the presence of “neutralizing antibodies” detected in their blood. Some neurologists believe that this is an important factor in managing patients receiving interferon.
Side Effects (always inform your healthcare professional of side effects)

Not every person will experience every one of these side effects. All occurred in at least 2 percent of participants in the clinical trials and were more frequent in the treatment groups than in the groups receiving placebo. Your healthcare provider can give you a better sense of how frequently problems occur with the specific agent he or she recommends for you.

**Aubagio®**
Hair thinning, diarrhea, flu, nausea, abnormal liver tests and unusual numbness or tingling in the hands or feet (paresthesias). Less common: lowered levels of white blood cells, which can increase the risk of infections; increase in blood pressure; severe liver damage (See “Aubagio Warnings” on page 11.)

**Avonex®**
Flu-like symptoms following injection, which lessen over time for many. (See “Managing side effects” below.) Less common: depression, mild anemia, liver abnormalities, allergic reactions, heart problems. (See “Avonex Warnings” on page 12.)

**Betaseron®**
Flu-like symptoms following injection, which lessen over time for many. (See “Managing side effects” below.) Injection site reactions, about 5% of which need medical attention. Less common: allergic reactions, depression, liver abnormalities, low white blood cell counts. (See “Betaseron Warnings” on page 13.)

**Copaxone®**
Injection site reactions. Less common: vasodilation (dilatation of blood vessels); chest pain; a reaction immediately after injection, which includes anxiety, chest pain, palpitations, shortness of breath, and flushing. This lasts 15-30 minutes, typically passes without treatment, and has no known long-term effects. (See “Copaxone Warnings” on page 13.)

**Extavia®**
Flu-like symptoms following injection, which lessen over time for many. (See “Managing side effects” below.) Injection site reactions, about 5% of which need medical attention. Less common: allergic reactions, depression, liver abnormalities, low white blood cell counts. (See “Extavia Warnings” on page 14.)

**Gilenya™**
Headache, flu, diarrhea, back pain, liver enzyme elevations and cough. Less common: slowed heart rate following first dose, infections, swelling in the eye. (See “Gilenya Warnings” on page 15.)

**Novantrone®**
Blue-green urine 24 hours after administration; infections, bone marrow suppression (fatigue, bruising, low blood cell counts), nausea, hair thinning, bladder infections, mouth sores. Patients must be monitored for serious liver and heart damage. (See “Novantrone Warnings” on page 16.)

**Rebif®**
Flu-like symptoms following injection, which lessen over time for many. (See “Managing side effects” below.) Injection site reactions. Less common: liver abnormalities, depression, allergic reactions, and low red or white blood cell counts. (See “Rebif Warnings” on page 16.)
The MS Disease-Modifying Medications

**Tecfidera™**
Flushing (sensation of heat or itching and a blush on the skin), gastrointestinal issues (nausea, diarrhea, abdominal pain), rash, protein in the urine, elevated liver enzymes; reduction in blood lymphocyte (white blood cell) counts. (See “Tecfidera Warnings” on page 17.)

**Tysabri®**
Headache, fatigue, urinary tract infections, depression, lower respiratory tract infections, joint pain, and chest discomfort. Less common: allergic or hypersensitivity reactions within two hours of infusion (dizziness, fever, rash, itching, nausea, flushing, low blood pressure, difficulty breathing, chest pain), liver abnormalities. Patients must be monitored for PML. (See “Tysabri Warnings” on page 17.)

Managing side effects of disease-modifying medications

Not everyone will experience every one of these side effects. Some adverse effects are common, and others are very infrequent but may be serious. Your healthcare provider can give you a better sense of how frequently problems occur with the specific agent he or she recommends for you. The industry-sponsored websites (page 20) may also give you an idea of how frequently these effects occur.

The flu-like side effects of the interferon products — Avonex®, Betaseron®, Extavia®, and Rebif® — can usually be managed successfully. Discuss this with your physician or other healthcare provider, and the patient support program of the pharmaceutical company (available through a toll-free number — see chart entitled “Industry-Sponsored Sites” on page 20). Should unacceptable side effects continue, discuss possible change to another medication with your healthcare professional.

The medications that are injected subcutaneously including Betaseron, Copaxone®, Extavia, and Rebif, may cause injection site reactions, including bumps, bruises, pain, and infections. Good injection techniques can minimize problems. Auto-injecting devices may be helpful. The pharmaceutical company patient support programs offer injection training and helpful tips for avoiding or limiting site reactions (see chart entitled “Industry-Sponsored Sites” on page 20).
Aubagio® Warnings

The prescribing information for Aubagio® (teriflunomide) includes the following boxed warnings:

- Aubagio can cause liver damage. A blood test to detect levels of liver enzymes should be given before starting the medication and then repeated monthly for six months, followed by monitoring for damage to the liver. In the event of significant liver problems, people should stop taking Aubagio immediately. Because Aubagio is known to remain in the blood for as long as two years after a person stops taking it, treatment regimens are available to remove the medication rapidly from the body.

- Aubagio can cause major birth defects. A woman should be given a pregnancy test prior to starting the medication and should use effective birth control while taking the medication. If she becomes pregnant accidentally, she should stop taking Aubagio immediately and undergo treatment to remove the medication rapidly from the body. Men who plan to father a child should stop taking the medication and undergo treatment to remove the medication rapidly from the body before they and their partners try to conceive.

- Aubagio can increase a person’s risk of infections. People should have a complete blood count prior to starting treatment and be monitored for infection while on treatment. People should also be tested for latent tuberculosis before starting treatment. A person who tests positive for tuberculosis should not begin taking Aubagio until the treatment for tuberculosis has been successfully completed.

- Aubagio can cause damage to nerves in the peripheral nervous system (peripheral neuropathy); monitoring for symptoms of peripheral neuropathy should continue throughout treatment.

- Aubagio can cause acute kidney failure and elevated potassium in the blood. Renal function should be monitored in anyone who experiences symptoms of renal failure or elevated potassium levels.

Avonex® Warnings

In response to events reported by patients and clinicians following approval of this medication, the FDA has added the following warnings about Avonex® (interferon beta-1a):

- Individuals with a history of depression, a seizure disorder, or cardiac problems should be closely monitored while on this medication; all patients on this medication should have baseline liver function testing and periodic testing thereafter; Periodic blood testing is recommended to check for a possible reduction in infection-fighting blood cells, red blood cells, and cells that help blood to clots; Rare but significant allergic reactions have been reported to this medication.
Betaseron® Warnings

In response to events reported by patients and clinicians following approval of this medication, the FDA has added the following warning Betaseron® (interferon beta-1b): Individuals with a history of depression or a seizure disorder should be closely monitored while on this medication; This medication should be used with caution in people with depression; Rare but significant allergic reactions have been reported with this medication; Because skin infections or areas of severe skin damage can occur, injection sites should be rotated on a regular basis.

Copaxone® Warnings

The FDA labeling for Copaxone® (glatiramer acetate) contains the following warnings: Approximately 16% of people will experience an immediate post-injection reaction that includes at least two of the following: flushing, chest pain, palpitations, anxiety, shortness of breath, constriction of the throat, and transient skin eruptions. These symptoms generally disappear spontaneously after about 15 minutes and have no long-term effects. This post-injection reaction generally occurs after the first few months of treatment and may occur more than once in a given individual. Transient chest pain — without any long-term effects — may also occur one or more times, either as part of the post-injection reaction or separately. Permanent depressions under the skin at injection sites can occur because of destruction of the fatty tissue. In addition, areas of severe skin damage can occur. For these reasons, careful rotation of injection sites is recommended so that no single area is injected more than one time per week.

Extavia® Warnings

Because Extavia® (interferon beta-1b) is identical to Betaseron® (interferon beta-1b), the FDA labeling includes the same warnings.
**Gilenya™ Warnings**

- Because Gilenya can cause a person’s heart rate to drop after the first dose, all patients should be given an electrocardiogram (ECG) prior to the first dose, monitored for six hours after the first dose with hourly pulse and blood pressure measurement, and then given a repeat ECG. If cardiac symptoms persist after the six-hour observation period, observation and continuous ECG monitoring should be maintained until the problems are resolved. In addition, any person with a history of cardiac problems should be carefully evaluated before starting treatment with Gilenya. Anyone who has experienced a heart attack, unstable angina, a stroke or stroke warning, or certain types of heart failure within the past six months should not begin treatment with Gilenya. People who take a medication that affects their heart rhythm should not take Gilenya.
- Blood pressure should be monitored during treatment with Gilenya.
- Because this medication reduces the number of white blood cells, a blood test to measure white blood cell count is recommended prior to starting treatment.
- If a person has not had chicken pox (varicella), his or her doctor may recommend the varicella vaccine prior to starting this medication.
- Gilenya can affect respiratory function. Anyone who experiences changes in their breathing should be evaluated.
- A vision test is recommended prior to starting treatment and about 3 months later to look for evidence of macular swelling in the eye.
- Because Gilenya can cause liver problems, a liver function test is recommended prior to starting treatment.

**Novantrone® Warnings**

Novantrone® (mitoxantrone) is a chemotherapeutic treatment originally developed to treat certain forms of cancer. The total lifetime dose is limited in order to avoid possible heart damage. People taking Novantrone should have tests of their heart function before each dose and periodically after treatment has ended. It cannot be used in people with pre-existing heart problems, liver disease, and certain blood disorders. In addition to cardiac toxicity, acute myelogenous leukemia (AML), a type of cancer, has been reported in MS patients and cancer patients treated with Novantrone. AML can be fatal.

**Rebif® Warnings**

In response to events reported by patients and clinicians following approval of this medication, the FDA has added the following warnings about Rebif® (interferon beta-1a): Individuals with a history of depression or a seizure disorder should be closely monitored while on this medication; All patients on this medication should have baseline liver function testing and periodic testing thereafter; Periodic blood testing is recommended to check for a possible reduction in infection-fighting blood cells, red blood cells, and cells that help blood to clots; Rare but significant allergic reactions have been reported to this medication.
**Tecfidera™ Warnings**

*Tecfidera™* (dimethyl fumarate) can cause a reduction in blood lymphocyte (white blood cell) counts. Prior to starting this medication, your healthcare provider should check a recent (within 6 months) blood cell count to ensure that your lymphocyte (white blood cell) count is within the normal range. Thereafter, blood cell counts should be done on a yearly basis or more frequently if the doctor determines that it is necessary. It is also recommended that healthcare providers consider withholding treatment for any person with a serious infection until the infection has resolved.

**Tysabri® Warnings**

*Tysabri®* (natalizumab) is a laboratory-produced monoclonal antibody that is given by intravenous (IV) infusion every four weeks. Tysabri cannot be infused at home, so your doctor will help you find an infusion center that is convenient to your home.

When talking with your healthcare professional about starting treatment with Tysabri, it is important to consider the following information: Individuals taking Tysabri are at increased risk for a rare, generally fatal brain disease called PML (progressive multifocal leukoencephalopathy), which is caused by the common JC virus.

There are no interventions that are known to cure PML once it occurs, but a course of plasma exchange to remove Tysabri® from the bloodstream as quickly as possible may provide benefit.

In January, 2012, the FDA approved a change to the prescription label for Tysabri to show that a laboratory test that detects antibodies to the JC virus can help determine a person's risk of developing PML. Testing positive for the presence of antibodies indicates that a person has at some point been infected by or exposed to the virus, which puts that person at higher risk of developing PML. Previous findings have also shown that prior use of immune-suppressing drugs and taking Tysabri for more than two years each increase a person's risk for developing PML.

The revised label suggests that the risks and benefits of starting or continuing Tysabri should be carefully considered in patients who test positive for antibodies to the JC virus and have one or more additional risk factors. Those found to be antibody positive, have used Tysabri for less than two years, and have no prior use of immune suppressing drugs are estimated to have a risk of PML of less than 1/1000; those with all three known risk factors have an estimated risk of PML of 11/1000.

A person who tests negative for anti-JCV antibodies is still at risk for the development of PML for two very important reasons. First, she or he can be infected by the JC virus at any time without knowing it. Second, the laboratory test to detect antibodies to the JC virus will produce a false negative result about three percent of the time. Therefore, testing should be considered prior to starting treatment with Tysabri, as well as periodic re-testing while a person is on treatment.
The availability of the laboratory test will help people with MS and their physicians to weigh risks and benefits of this therapy.

Because of the risk of PML, Tysabri® is only available under a restricted distribution program, referred to as the TOUCH™ program, which was created to monitor patients for PML and other adverse effects. Prescribing physicians and patients must enroll in this mandatory registry program. Infusion centers must also be enrolled in the TOUCH™ program. Patients using Tysabri should promptly report any continuously worsening symptoms to their prescriber.

Based on post-marketing experience with Tysabri, the FDA added an additional warning to the product’s labeling information in February, 2008. Tysabri has been found to increase the risk of liver damage, even after a single dose. Any person experiencing symptoms of liver injury, including yellowing of the skin and eyes (jaundice) unusual darkening of the urine, nausea, feeling tired or weak, and vomiting, should contact his or her physician immediately. Blood tests can be done to check for liver damage.

Tysabri is not recommended for use by any person whose immune system is weakened by disease or by the use of medications that alter the immune system, including other disease-modifying therapies.

Currently, nothing is known about the safety of long-term use of Tysabri or whether additional side effects will emerge in time.

---

**Warnings about IV infusions**

All medications delivered by IV infusion pose risks of bruising, vein damage, blood clots and more. Infusions must be managed by a well-trained medical professional who is qualified to administer them.

**Industry-Sponsored Sites for Patient Information and/or Financial Assistance**

<table>
<thead>
<tr>
<th><strong>Aubagio®</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MS One to One</td>
<td></td>
</tr>
<tr>
<td>MSOnetoOne.com</td>
<td></td>
</tr>
<tr>
<td>855-676-6326</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Avonex®</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MS ActiveSource®</td>
<td></td>
</tr>
<tr>
<td>avonex.com</td>
<td>msactivesource.com</td>
</tr>
<tr>
<td>800-456-2255</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Betaseron®</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BETAPLUS®</td>
<td></td>
</tr>
<tr>
<td>betaseron.com</td>
<td></td>
</tr>
<tr>
<td>800-788-1467</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Copaxone®</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Shared Solutions®</td>
<td></td>
</tr>
<tr>
<td>sharedsolutions.com</td>
<td></td>
</tr>
<tr>
<td>800-887-8100</td>
<td></td>
</tr>
</tbody>
</table>
Benefits of the Disease-Modifying Medications

Reducing the frequency of attacks and new lesions as seen on MRI

All of these medications have been shown to reduce the frequency of MS relapses and the development of new lesions. In individual clinical trials comparing a drug versus an inactive placebo treatment, MS attacks were reduced by 28–68 percent by different agents. In the clinical trials, most people were also found to have fewer, smaller, or no new lesions developing within their central nervous system as visible in MRI scans. Some of these medications have also been shown to delay the progression of disability.

Preventing permanent damage

Permanent damage to nerve fibers (called axons) occurs early in MS in association with the destruction of myelin. Overall brain shrinkage (or atrophy), can occur early in the disease, and damage can be ongoing even when the person has no symptoms of an attack and feels well. Therefore, MS specialists advise the early use of a medication that effectively limits lesion formation and brain atrophy, or shrinkage. In the opinion of the National MS Society’s Medical Advisory Committee, limiting lesions may be a key to reducing future permanent disability for many people with MS.
None of these medications is recommended for women who are pregnant or plan to become pregnant. Physicians should be consulted. Most women will be advised to avoid using these medications during pregnancy.

**The bottom line**

Many factors will influence the decision that you and your physician make about your choice of medication. One of them will be lifestyle issues that could affect your ability to stay with a treatment over time. Another factor is your response to the therapy, which should be carefully tracked. If your MS is not responding, you and your physician should discuss your options.

**Paying for a Disease-Modifying Medication: Some Help is Available**

Disease-modifying medications are costly. The actual cost to an individual or an insurance company will vary depending on the source. Because cost information is subject to frequent change, we recommend that you contact your healthcare plan and/or your pharmacy for cost information.

Some private insurance plans do not cover prescription medications, although they may cover procedures such as IV infusions in a medical facility. Plans that do cover prescription medications often have a list of the specific drugs covered by the plan (known as a formulary). It is possible that some disease-modifying medications are covered by a plan and some are not. In addition, many formularies now distinguish between “preferred” and “non-preferred” drugs, or put drugs on different tiers. The co-insurance amounts you may have to pay as a result can vary significantly.

Because Novantrone* and Tysabri* must be infused in a medical facility, they are covered under Medicare Part B. If Avonex* is administered in a physician’s office or clinic, it will be covered by Medicare Part B under most circumstances. For more detailed information, contact MS Active Source® (800-456-2255).

Medicare Part D covers prescription drugs through private plans approved by Medicare. For more information on Medicare prescription drug coverage, go to: nationalMSsociety.org/medicare, or call 1-800-344-4867.

Medicaid includes prescription drug coverage. However, the list of specific medications covered may vary from state to state. Call your state Medicaid office for more information.
Each of the pharmaceutical companies offers a program designed to help people apply for and use all the state and federal programs for which they are eligible.

They also help some people who are uninsured or underinsured through patient assistance programs. The companies invite physicians and people with MS who might be deterred by the cost from considering a disease-modifier to call the toll-free numbers listed in the chart entitled “Industry-Sponsored Sites” (page 20). Ask for information on available assistance.

For additional information on specific industry assistance, visit: nationalMSsociety.org/AssistancePrograms.

Help with the Cost of Medications for Symptom Management

In addition to the disease-modifying medications discussed above, there are many other medications, treatments, and strategies to help manage specific MS symptoms such as bowel and bladder function, spasticity and pain. Symptom management medications make important contributions to keeping people with MS well and active.

“Finding Lower-Priced Prescription Drugs” is a useful resource focused on making medications more affordable. Visit our website at nationalMSsociety.org/insurance for more information.

For detailed information on patient assistance programs from drug manufacturers, visit needymeds.org.

A Recommended Resource

The Multiple Sclerosis Emerging Therapies Collaborative — which includes the MS Coalition, the American Academy of Neurology, the VA Multiple Sclerosis Centers of Excellence East and West, and ACTRIMS — provides timely, evidence-based information about emerging therapies for people affected by multiple sclerosis and healthcare professionals. The Collaborative’s goal is to promote optimal, personalized treatment by facilitating effective doctor-patient communication and collaborative decision-making. Visit their Website at ms-coalition.org/EmergingTherapies.
The National Multiple Sclerosis Society is proud to be a source of information about multiple sclerosis. Our comments are based on professional advice, published experience and expert opinion, but do not represent individual therapeutic recommendations or prescriptions. For specific information and advice, consult your physician.

Early and ongoing treatment with an FDA-approved therapy can make a difference for people with multiple sclerosis. Learn about your options by talking to your healthcare professional and contacting the National MS Society at nationalMSsociety.org or 1-800-344-4867 (1-800-FIGHT-MS).

The Society publishes many other pamphlets and articles about various aspects of MS. Visit nationalMSsociety.org/brochures to download them, or call your chapter at 1-800-344-4867 to have copies mailed to you.
MS STOPS PEOPLE FROM MOVING.
WE EXIST TO MAKE SURE IT DOESN’T.
JOIN THE MOVEMENT®

© 2013 National MS Society. All rights reserved.