



Liver tests
(serum aminotransferase, alkaline phosphatase, and total bilirubin)



Repeat as cli

[Learn more](#)

One pill, twice daily¹

Start
7 days with 120 mg twice daily



Conti
with 240 mg



- One pill, twice a day
- Can be taken with or without food
- Should be swallowed whole and intact, not crushed or chewed, and the capsule contents should not be inhaled
- Temporary dose reductions to 120 mg twice a day may be considered for individuals who do not tolerate the recommended dose of 240 mg twice a day. Within 4 weeks, the recommended dose of 240 mg twice a day should be resumed
- Discontinuation of TECFIDERA should be considered for patients unable to tolerate return to the recommended dose

IMPORTANT SAFETY INFORMATION AND INDICATION

with the content.



Welcome Kit

Delivered to patients once you've prescribed TECFIDERA. Each kit includes a welcome brochure to help patients start and stay on TECFIDERA and get the most out of treatment.



TecTrack™ App

The TecTrack™ app helps patients remember to take their medication and is available for download on the App Store or Google Play.



The Above MS™ program from Biogen supports you and your patients with tips, tools, and more:

- Personalized support from people who are here to help
- One-on-one RMS support by phone
- Nurse Educators are available by phone 24/7
- A variety of financial and insurance support services for eligible patients

[Learn more about Above MS™](#)

Fill out a Start Form to help your patients get the support they need.

[Download Start Form](#)

QuickStart can help eligible patients with free 7-day samples of 120 mg TECFIDERA.

IMPORTANT SAFETY INFORMATION AND INDICATION

signs and symptoms of anaphylaxis and angioedema (which have included difficulty breathing, urticaria, and should discontinue TECFIDERA and seek immediate medical care.

Progressive multifocal leukoencephalopathy (PML) has occurred in patients with MS treated with TECFIDERA. PML is a rare, severe infection of the brain caused by the JC virus (JCV) that typically only occurs in patients who are immunocompromised and can result in death or severe disability. A fatal case of PML occurred in a patient who received TECFIDERA in a clinical trial. In a postmarketing setting in the presence of lymphopenia ($<0.8 \times 10^9/L$) persisting for more than 6 months. While the exact cause of PML in these cases is uncertain, the majority of cases occurred in patients with lymphocyte counts $<0.5 \times 10^9/L$. The symptoms are diverse, progress over days to weeks, and include progressive weakness on one side of the body or clumsiness, and changes in thinking, memory, and orientation leading to confusion and personality changes. At the first sign of PML, withhold TECFIDERA and perform an appropriate diagnostic evaluation. MRI findings may be apparent before PML is diagnosed.

TECFIDERA may decrease lymphocyte counts; in clinical trials there was a mean decrease of ~30% in lymphocyte counts which then remained stable. Four weeks after stopping TECFIDERA, mean lymphocyte counts increased but remained below baseline. In TECFIDERA patients and <1% of placebo patients had lymphocyte counts $<0.5 \times 10^9/L$. TECFIDERA has not been shown to affect existing low lymphocyte counts.

There was no increased incidence of serious infections observed in patients with lymphocyte counts $<0.8 \times 10^9/L$ in clinical trials, although one patient in an extension study developed PML in the setting of prolonged lymphopenia (lymphocyte counts $<0.5 \times 10^9/L$ for 3.5 years). In controlled and uncontrolled clinical trials, 2% of patients experienced lymphocyte counts $<0.5 \times 10^9/L$ for 6 months. In these patients, the majority of lymphocyte counts remained $<0.5 \times 10^9/L$ with continued therapy. A lymphocyte count should be obtained before initiating treatment, 6 months after starting, every 6 to 12 months thereafter, as indicated. Consider treatment interruption if lymphocyte counts $<0.5 \times 10^9/L$ persist for more than six months until lymphopenia is resolved. Consider withholding treatment in patients with serious infections until resolved. Restarting TECFIDERA should be based on clinical circumstances.

Clinically significant cases of liver injury have been reported in patients treated with TECFIDERA in the postmarketing setting. Liver injury ranged from a few days to several months after initiation of treatment. Signs and symptoms of liver injury, including elevations of aminotransferases to greater than 5-fold the upper limit of normal and elevation of total bilirubin to greater than 2-fold the upper limit of normal, have been observed. These abnormalities resolved upon treatment discontinuation. Some cases required hospitalization. In some cases, liver failure, liver transplant, or death. However, the combination of new serum aminotransferase elevations and levels of bilirubin caused by drug-induced hepatocellular injury is an important predictor of serious liver injury. Liver failure, liver transplant, or death in some patients.

Elevations of hepatic transaminases (most no greater than 3 times the upper limit of normal) were observed in clinical trials. Obtain serum aminotransferase, alkaline phosphatase, and total bilirubin levels before initiating TECFIDERA and as indicated. Discontinue TECFIDERA if clinically significant liver injury induced by TECFIDERA is suspected.

TECFIDERA may cause flushing (e.g. warmth, redness, itching, and/or burning sensation). 40% of patients taking TECFIDERA experienced flushing, which was mostly mild to moderate in severity. Three percent of patients discontinued TECFIDERA for flushing events that led to hospitalization. Taking TECFIDERA with food may reduce flushing. Alternatively, administration of an antihistamine prior to dosing may reduce the incidence or severity of flushing.

IMPORTANT SAFETY INFORMATION AND INDICATION

[Pivotal Trial Designs](#)

[Proven in Pivotal Trials](#)

[Extension Study](#)

[Newly Diagnosed 2- and 6-Year Analyses](#)

[Well-Known Safety](#)

[Safety](#)

[Adverse Events](#)

[Managing Common Side Effects](#)

[Access and Reimbursement](#)

[Coverage and \\$0 Copay](#)

[Sample Program and QuickStart](#)

[Real-World Experience](#)

[Global Experience](#)

[MS Expert Video Library](#)

[FAQs](#)

**[Register/
Sign In](#)**

[Terms of Use](#)

[Privacy Policy](#)

[Contact Us](#)

[Unsubscribe](#)

© 2019 Biogen. All rights reserved. 08/19

All trademarks are the property of their respective owners.

For US Healthcare Professionals Only.

IMPORTANT SAFETY INFORMATION AND INDICATION