The Growing Experience with Gilenya[®] (fingolimod) in relapsing Multiple Sclerosis

Gilenya is a once-daily oral disease-modifying therapy (DMT) indicated for the treatment of patients with relapsing forms of multiple sclerosis (RMS)*

Approximately have been treated in clinical trials and in a post-marketing setting Cumulative exposure of approximately atient vears with Gilenva¹ APPROVED **OVER 80 COUNTRIES** Gilenya is now approved in In June 2014 the European Commission endorsed the CHMP positive opinion recommending to expand the EU label for Gilenya in relapsing-remitting MS (RRMS) to include



*Approved indication may differ between countries based on local prescribing information REFERENCES

patients not responding to DMTs beyond interferon.

Growing Clinical Trial Evidence With Gilenya

Gilenya was approved based on the largest phase III clinical trial program in RMS at the time of submission²⁻⁶. Accumulation of efficacy and safety data post marketing continues to reinforce the positive benefit-risk profile of Gilenya.

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	Patients	Clinical Trial Centers	Countries
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TRANSF PRMS	1292	172	18
FREED THIS II	1083	126	8

Growing Real World Evidence With Gilenya

Analyses from large, real-world databases have confirmed the benefits of Gilenya in the real world setting⁷. Data from 264 patients with RMS from the IMS PharMetrics Plus[™] Database, showed that treatment with Gilenva resulted in

62% fewer relapses per year

compared to interferons or glatiramer acetate⁷.

Long-term experience has shown Gilenya treatment to be convenient for individuals to incorporate into everyday life, leading to high treatment satisfaction, long-term persistence, and ultimately improving the long-term outcomes for people with RMS⁸⁻¹⁵:

In clinical trials the most common side effects were headache, hepatic enzymes increased, influenza, sinusitis, diarrhea, back pain, cough 2,3.

1. Data on file, Novartis Pharmaceuticals, 2, Kappos L et al. Placebo-Controlled Study of Oral Fingolimod in Relapsing Multiple Sclerosis, N Eng J Med. Vol.362 No.5, Feb 4, 2010; 362:387-401, 3, Cohen J et al, Oral Fingolimod vs, Intramuscula Interferon in Relapsing Multiple Sclerosis. N Eng J Med. Vol.362 No.5, Feb 4, 2010;362:402-415. 4. Kappos L et al. Oral fingolimod (FTY720) for relapsing multiple sclerosis. N Eng J Med 2006;355(11):1124-1140. 5. O'Connor P et al. Oral fingolimod (FTY720) in multiple sclerosis: Neuroparted with multiple sclerosis: Two-year results. Mult Scler;16(2):197-207. 7. Bergvall N et al. Chain migglimide (FTY720) in multiple sclerosis: S-year results. Mult Scler;16(2):197-207. 7. Bergvall N et al. Chain migglimide (FTY720) in multiple sclerosis: S-year results. Mult Scler;16(2):197-207. 7. Bergvall N et al. Relapse rates in patients with multiple sclerosis: S-year results. Mult Scler;16(2):197-207. 7. Bergvall N et al. Chain migglimide in multiple sclerosis: S-year results. Mult Scler;16(2):197-207. 7. Bergvall N et al. Chain migglimide in multiple sclerosis: S-year results. Mult Scler;16(2):197-207. 7. Bergvall N et al. Chain migglimide in multiple sclerosis: S-year results. Mult Scler;16(2):197-207. 7. Bergvall N et al. Chain migglimide in multiple sclerosis: S-year results. Mult Scler;16(2):197-207. 7. Bergvall N et al. Chain migglimide in multiple sclerosis: S-year results. Mult Scler;16(2):197-207. 7. Bergvall N et al. Chain migglimide in multiple sclerosis: S-year results. Mult Scler;16(2):197-207. 7. Bergvall N et al. Chain migglimide in multiple sclerosis: results from the extension of the randomised TRANSFORS study. J Neurol Neurosurg Psychiatry. 2015;0:1-8 9. Montalban X et al. Long term results from a phase 2 extension study of fingolimod at high and approved dose in relapsing multiple sclerosis. J Neurol. 2015;0:262;2627-34 10. Kappos L, Radue E-W, O'Connor P, et al. for FREEDOMS Study Group. A placebo-controlled trial of oral fingolimod in relapsing multiple sclerosis. N Engl J Med. 2010;362(5):387-401 11. Lapierre Y et al. Canadian Experience with Fingolimod: Adherence to Treatment and Monitoring. Can J Neuro Sci, 2016:43;278-83 12. Braune S et al. Efficacy of fingolimod is superior to injectable disease modifying therapies in second-line therapy of relapsing remitting multiple sclerosis. J Neurol 2015;263(2):327-33 13. Fox E, et al, on behalf of EPOC study investigators. Outcomes of switching directly to oral fingolimod from injectable therapies: Results of the randomized, open-label, multicenter, Evaluate Patient Out Comes (EPOC) study in relapsing multiple sclerosis, Mult Scler Relat Disord. 607-619 14. Ziemssen T et al. 36 months PANGAEA: A 5-year non-interventional study of safety, efficacy and pharmoeconomic data for fingolimod patients in daily clinical practice. Oral O1112 presented at EAN 2015 15. Ziemssen T et al. A 5-year non-interventional study of safety, efficacy and pharmoeconomic data for fingolimod patients in daily clinical practice. clinical practice. Poster P593 presented at ECTRIMS 2015 GLNS/GILE/0023

