

Day 1

Day 2

Day 3

Day 1

Please click on the sections in the navigation bar to go to the content.

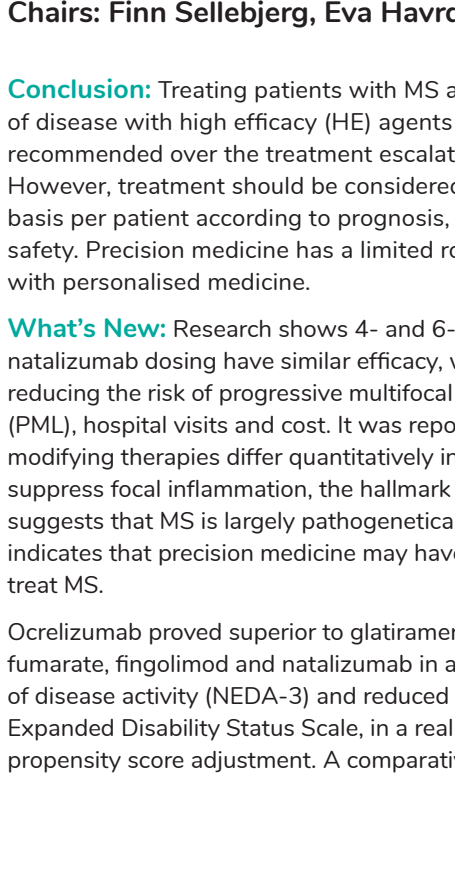
Therapy Session 1 Hot Topic 1: High efficacy therapies

Wednesday, 26 October 10:00 – 11:00 CEST
Speakers: Xavier Montalban, Dalia Rotstein, Gavin Giovannoni
Chairs: Patricia Coyle, Eva Strijbis

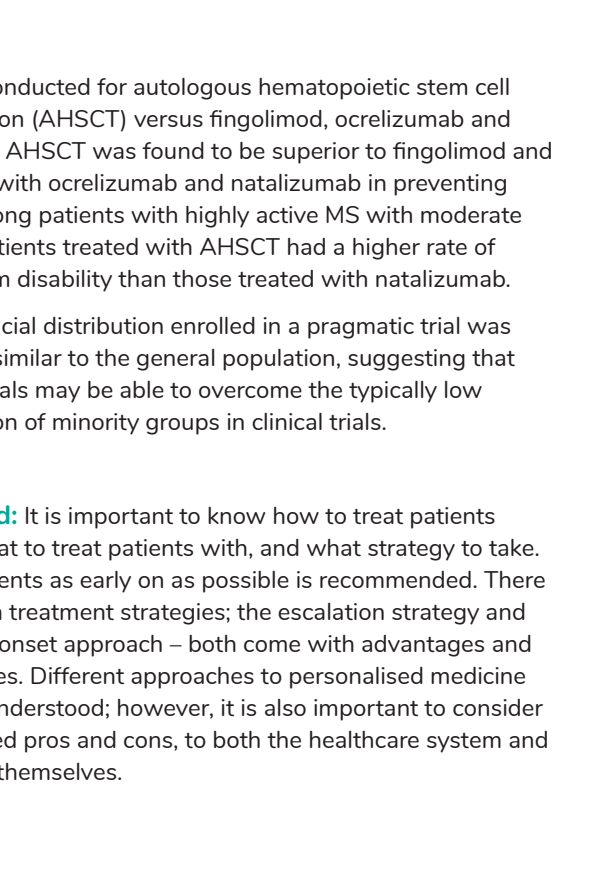
Conclusion: High efficacy therapies (HET) may overcome some of the poor prognostic hurdles in people with relapsing remitting multiple sclerosis (RRMS). In HET, therapy should be used in patients with poor prognostic factors as early as possible. As the majority of disability accumulation occurs independently of relapse and Magnetic Resonance Imaging (MRI) activity, from early on in the disease course, treatment should focus on pathological processes contributing to the slow loss of neurological function. To plan for timely treatment sequencing and escalation, vaccination status and immunologic effects of disease modifying treatments (DMTs) should be taken into account. Prolonged washout periods should be avoided to reduce the risk of new disease activity.

What's New: Poor prognostic factors prior to the treatment of MS include Expanded Disability Status Scale Score (EDSS) and inflammatory activity, older age and male gender.

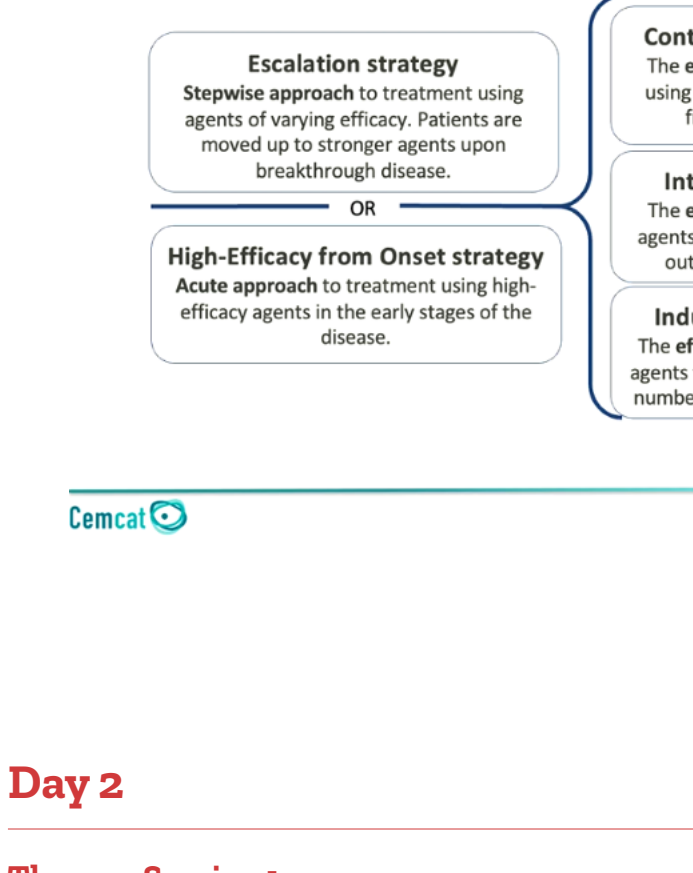
(Montalban presentation)



(Rotstein presentation)



(Giovannoni presentation) Evolving treatment targets- beyond NEIDA



MS release was developed by a panel of experts at the request of the Government. CNS, central nervous system; NEIDA, a measure of inflammatory disease activity; EDSS, a widely accepted measure.

Therapy Session 2 Scientific Session 1: Personalised treatment

Wednesday, 26 October 14:30 – 16:00 CEST
Speakers: Jaume Sastre-Garriga, Zoë van Kempen, Marcello Moccia, Tomas Kalinck, Jan Hillert, Sarah Planchon
Chairs: Finn Sellebjerg, Eva Havrdova

Conclusion: Treating patients with MS at the first onset of disease with high efficacy (HE) agents is generally recommended over the treatment escalation approach. However, treatment should be considered on a case-by-case basis per patient according to prognosis, efficacy and long-term safety. Precision medicine fits as a limited role in MS compared with personalised medicine.

What's New: Research shows 4- and 6-week intervals for natalizumab dosing have similar efficacy, with a 6-week interval reducing the risk of progressive multifocal leukoencephalopathy (PML), hospital visits and cost. It was reported that disease-modifying therapies differ quantitatively in their ability to suppress focal inflammation, the hallmark of early MS. This suggests that MS is largely pathogenetically homogeneous and indicates that precision medicine may have limited potential to treat MS.

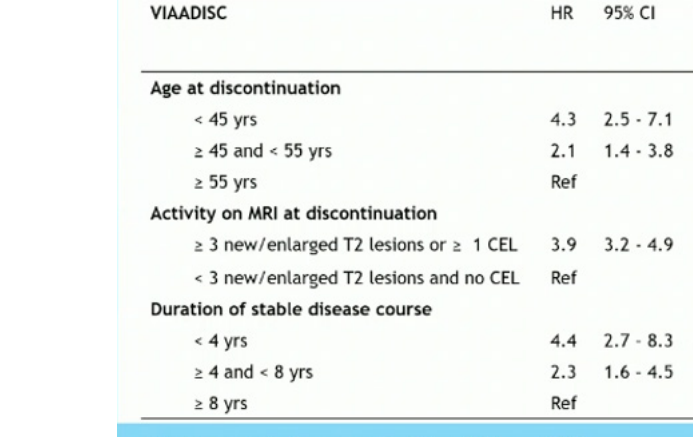
Ocrelizumab proved superior to glatiramer acetate, dimethyl fumarate, fingolimod and natalizumab in achieving no evidence of disease activity (NEDA-3) and reduced the worsening of the Expanded Disability Status Scale, in a real-world study using propensity score adjustment. A comparative effectiveness

study was conducted for autologous hematopoietic stem cell transplantation (AH-SCT) versus fingolimod, ocrelizumab and natalizumab. AH-SCT was found to be superior to fingolimod and comparable with ocrelizumab and natalizumab in preventing relapses among patients with highly active MS with moderate disability. Patients treated with AH-SCT had a higher rate of recovery from disability than those treated with natalizumab.

The ethnical distribution enrolled in a pragmatic trial was found to be similar to the general population, suggesting that pragmatic trials may be able to overcome the typically low representation of minority groups in clinical trials.

Background: It is important to know how to treat patients with MS, what to treat patients with, and what strategy to take. Treating patients as early as possible is recommended. There are two main treatment strategies: the escalation strategy and the HE on onset approach – both come with advantages and disadvantages. Different approaches to personalised medicine need to be understood; however, it is also important to consider the associated pros and cons, to both the healthcare system and the patients themselves.

(Sastre-Garriga presentation) What strategy?



Escalation strategy: Stepwise approach to treatment using agents of varying efficacy. Patients are moved up to stronger agents upon breakthrough disease.

High-Efficacy from Onset strategy: Acute approach to treatment using high-efficacy agents in the early stages of the disease.

Continuous therapy: The effect is maintained using agents that require frequent dosing.

Interval therapy: The effect persists using agents that require spaced out treatment doses.

Induction therapy: The effect is durable using agents that require a limited number of treatment doses.

Pro-low/moderate risk: IFN, GA, TNF, DMF, S1P modulators, indetermifly.

Pro-high efficacy: Con: disease activity required; repeat administrations required (INZ, GA, TNF, DMF, S1P modulators).

Pro-moderate/high efficacy: Con: disease activity may come back; further treatment (CLD, ALTY).

Side courtesy of Prof. Xavier Montalban

Day 2

Therapy Session 1 Hot Topic 3: Escalating and de-escalating DMTs

Thursday, 27 October 10:00 – 11:00 CEST
Speakers: Gilles Edan, Emmanuelle Waubant, Eva Strijbis
Chairs: Maria Troiano, Joep Killestein

Conclusion: Induction therapies can offer patients good disease control over a long period of time with fewer adverse effects; however, rigorous monitoring with magnetic resonance imaging (MRI) and relapsing remitting multiple sclerosis (RRMS) used to treat MS (Topic 1). A 10-year follow-up of 100 consecutive patients with early, active relapsing-remitting MS (RRMS) who had received mitoxantrone (3- or 6-monthly) showed that most patients did not require additional therapy or were managed with a first-line DMT: mean annual relapse rate (ARR) was low and the new Expanded Disability Status Scale (EDSS) score remained significantly improved. In patients with aggressive RRMS, the alemtuzumab showed a persistently low ARR up to 8 years and stable mean EDSS. Relapse rates were also low after induction with oral cladribine (weight-based dosing annually for 2 years), with a low risk of severe lymphopenia or clinical regression.

A proposed definition of long-term stable MS is >5 years with no relapse, no new MRI lesions and no EDSS change (Topic 2). The need to consider de-escalating therapy was

highlighted during the COVID-19 pandemic when some MS treatments were associated with blunted response to COVID-19 vaccination and a higher risk of severe COVID-19 infection. The NOVA study in RRMS revealed that patients stable on a 4-weekly schedule of natalizumab could be changed to a 6-weekly schedule without impacting efficacy. Similarly, a large retrospective study demonstrated that delaying an anti-CD20 (ocrelizumab) by 4 weeks was as effective as standard dosing every 6 months. Delayed dosing and lower doses of rituximab based on memory B cell counts are also being studied and the results appear promising.

MS evolves with age as the immune system changes, leading to decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: The range of options now available for treating MS raises important issues around choice of therapy in specific situations, management of recurrent disease activity after immune-depleting therapies and potential drug de-escalation or even discontinuation in long-term stable MS. Ongoing studies aim to provide answers to these key treatment questions.

(Edan presentation)



Validation cohort: Cox regression (R² = 0.749; p < 0.001).

(Waubant presentation)

Conclusions

	High relapse load at onset including (and not including) active high efficacy DMT	Moderate relapse load at onset/low/moderate disease activity high efficacy DMT
Stay the course	+	-
Switch to other high efficacy DMT	-	+/-
Discontinue DMT	-	-

Other factors contributing to decisions: If you wish status, patient's preference.

What's New: Strategies for early intensive therapy in MS include continuous intensive therapies (natalizumab, fingolimod, ocrelizumab) and higher risk of severe COVID-19 infection. The NOVA study in RRMS revealed that patients stable on a 4-weekly schedule of natalizumab could be changed to a 6-weekly schedule without impacting efficacy. Similarly, a large retrospective study demonstrated that delaying an anti-CD20 (ocrelizumab) by 4 weeks was as effective as standard dosing every 6 months. Delayed dosing and lower doses of rituximab based on memory B cell counts are also being studied and the results appear promising.

MS evolves with age as the immune system changes, leading to decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: The range of options now available for treating MS raises important issues around choice of therapy in specific situations, management of recurrent disease activity after immune-depleting therapies and potential drug de-escalation or even discontinuation in long-term stable MS. Ongoing studies aim to provide answers to these key treatment questions.

Side courtesy of Prof. Xavier Montalban

Day 2

Therapy Session 1 Hot Topic 5: Escalating and de-escalating DMTs

Thursday, 27 October 15:00 – 16:00 CEST
Speakers: Pietro Maggi, Agustin Pappolla, Robert J Fox, Irene Schiavetti, Fredrik Piehl
Chairs: Gabriel Bsteh, Fred Lublin

Conclusion: The Rio score does predict the likelihood of relapse, progression, evidence of disease activity (EDA), and treatment failure in patients initiating daily oral disease-modifying therapies (DMTs). Vidoflufulum 30 mg daily orally appears to be the lowest effective dose for relapsing-remitting multiple sclerosis (RRMS). After completing cladribine treatment, the rate of new treatment initiation was 3% at 12 months and 11% at 24 months. Further studies of telimelab are needed to determine its role.

What's New: A multi-centre longitudinal annual magnetic resonance imaging (MRI) study in 69 patients (42 on anti-CD 20, 26 untreated) showed that of 346 white matter lesions, 185 were paramagnetic rim lesions (PRL) (133 treated group, 52 untreated group) (Topic 1). None of the patients in the treatment group showed resolution of PRL. Re-analysing single-cell lymphocyte sequencing from MS brain tissue revealed that few CD 20 cells were present at the chronic active lesion edge (7% of all immune cells).

In an analysis of prospectively collected data from patients with RRMS initiating a daily oral DMT (teriflunomide, fingolimod, dimethyl fumarate), the Rio score was assessed based on clinical activity alone (n=187) and combined with radiographic assessment, EDA and treatment failure in a smaller subset (n=167) (Topic 2). The Rio score performed well. Clinical-radiological measures integrated into the RS during the first year of treatment have an acceptable prognostic value for identifying clinical activity. Notably, if the patient experienced more than one relapse, EDSS progression or >2 new T2 lesions occurred within the first year, treatment failure rose to almost 62%.

In the multi-centre, phase III, double-blind, placebo-controlled EMRMS study, 268 RRMS patients received 10, 30 or 45 mg of vidoflufulum calcium or placebo (Topic 3). A pooled

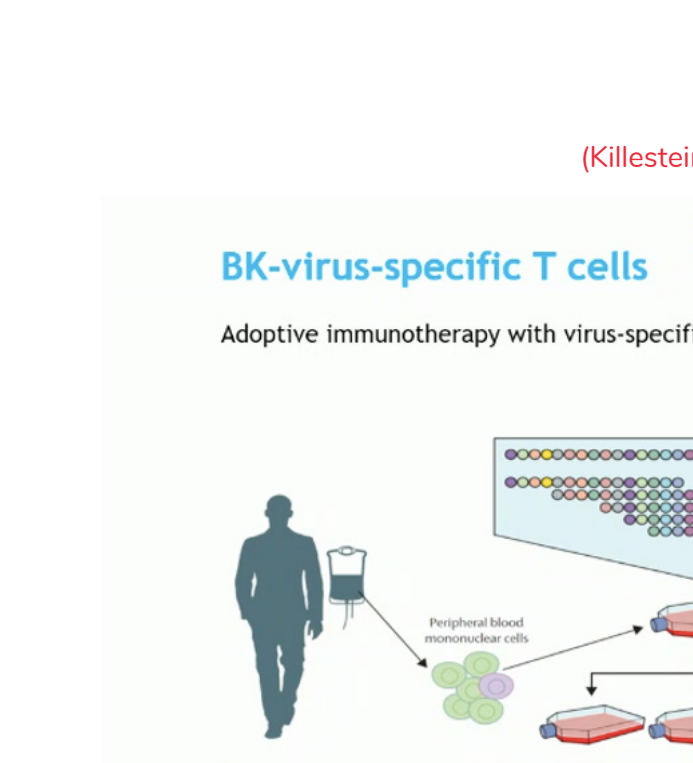
analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: The range of options now available for treating MS raises important issues around choice of therapy in specific situations, management of recurrent disease activity after immune-depleting therapies and potential drug de-escalation or even discontinuation in long-term stable MS. Ongoing studies aim to provide answers to these key treatment questions.

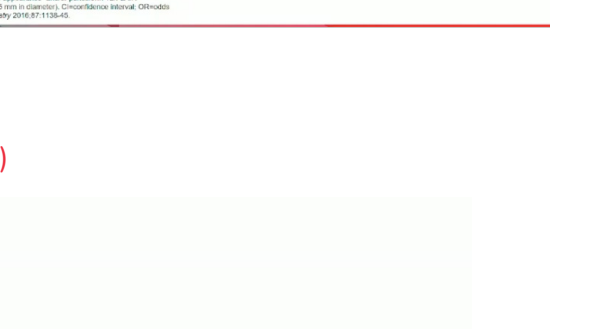
analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: The range of options now available for treating MS raises important issues around choice of therapy in specific situations, management of recurrent disease activity after immune-depleting therapies and potential drug de-escalation or even discontinuation in long-term stable MS. Ongoing studies aim to provide answers to these key treatment questions.

(Maggi presentation)



(Schiavetti presentation)



Side courtesy of Prof. Xavier Montalban

Day 2

Therapy Session 2 Meet the Expert 2: Choosing therapy – similar compounds, same effect?

Thursday, 27 October 11:30 – 12:30 CEST
Chairs: Ludwig Kappos, Stephen Hauser

Discussion: Therapeutic decision making for relapsing MS involves weighing up safety versus efficacy, with the most desirable agent being one that is highly efficacious and very safe. The real game changer in MS was the development of B-cell therapies, with better safety profiles and an extremely favourable efficacy profile for relapsing MS. These agents changed the therapeutic paradigm and should now be considered first-line therapy for newly diagnosed patients. One agent that may need to be moved in terms of efficacy and safety is natalizumab, which does seem to be associated with an increased risk of cancer in individuals >45 years old. In older patients, managing comorbidities may be more valuable than using DMTs that carry increased AE risks.

Early diagnosis of CNS complications involves imaging with MRI, noting clinical symptoms and measuring CSF biomarkers (Topic 2). Vascular comorbidity is common in patients with MS and these lesions must be differentiated from MS lesions. PML can be detected before the patient is symptomatic and those who are diagnosed early have better outcomes. Frontal lobes are more commonly affected. The suggested MRI protocol for detecting/monitoring (PML) is: Fluid-Attenuated Diffusion Recovery

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: The range of options now available for treating MS raises important issues around choice of therapy in specific situations, management of recurrent disease activity after immune-depleting therapies and potential drug de-escalation or even discontinuation in long-term stable MS. Ongoing studies aim to provide answers to these key treatment questions.

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: The range of options now available for treating MS raises important issues around choice of therapy in specific situations, management of recurrent disease activity after immune-depleting therapies and potential drug de-escalation or even discontinuation in long-term stable MS. Ongoing studies aim to provide answers to these key treatment questions.

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

(Piehl presentation)

ProTect-MS: Conclusions

- Telimelab as add-on to antiCD20 appears safe
- Clinical endpoints stable (EDSS stable, improvement in 9-HPT, worsening in T25FWT)
- Small changes MRI lesion volumes
- No evidence of effect of Telimelab / NAWM MRI metrics
- Tendency for improved MTR signal / reduced white matter lesions (compare¹), as well as lowered GFAP levels (marker of progressive disease biology²)
- Further analysis work ongoing, including potential identification of responders
- ProTect-MS establishes a trial design to investigate candidate compounds for brain inherent diseases processes; soluble biomarkers more sensitive to detect change

We thank study participants, additional study staff and GenSero for sponsoring the trial

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: B-cell depleting therapies are effective in relapsing-remitting MS and in young MS patients with active lesions on MRI; however, their effect on FRL is unknown. With the increasing number of oral DMTs, predictors of early treatment response are needed. Vidoflufulum calcium is a second-generation, oral-DHODH inhibitor that lacks off-target effects on kinases. Real-world data on the addition of therapies after completion of cladribine are limited. Telimelab is a humanized IgG4 monoclonal antibody targeting the human endogenous retrovirus-W envelope protein.

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: B-cell depleting therapies are effective in relapsing-remitting MS and in young MS patients with active lesions on MRI; however, their effect on FRL is unknown. With the increasing number of oral DMTs, predictors of early treatment response are needed. Vidoflufulum calcium is a second-generation, oral-DHODH inhibitor that lacks off-target effects on kinases. Real-world data on the addition of therapies after completion of cladribine are limited. Telimelab is a humanized IgG4 monoclonal antibody targeting the human endogenous retrovirus-W envelope protein.

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: B-cell depleting therapies are effective in relapsing-remitting MS and in young MS patients with active lesions on MRI; however, their effect on FRL is unknown. With the increasing number of oral DMTs, predictors of early treatment response are needed. Vidoflufulum calcium is a second-generation, oral-DHODH inhibitor that lacks off-target effects on kinases. Real-world data on the addition of therapies after completion of cladribine are limited. Telimelab is a humanized IgG4 monoclonal antibody targeting the human endogenous retrovirus-W envelope protein.

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: B-cell depleting therapies are effective in relapsing-remitting MS and in young MS patients with active lesions on MRI; however, their effect on FRL is unknown. With the increasing number of oral DMTs, predictors of early treatment response are needed. Vidoflufulum calcium is a second-generation, oral-DHODH inhibitor that lacks off-target effects on kinases. Real-world data on the addition of therapies after completion of cladribine are limited. Telimelab is a humanized IgG4 monoclonal antibody targeting the human endogenous retrovirus-W envelope protein.

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: B-cell depleting therapies are effective in relapsing-remitting MS and in young MS patients with active lesions on MRI; however, their effect on FRL is unknown. With the increasing number of oral DMTs, predictors of early treatment response are needed. Vidoflufulum calcium is a second-generation, oral-DHODH inhibitor that lacks off-target effects on kinases. Real-world data on the addition of therapies after completion of cladribine are limited. Telimelab is a humanized IgG4 monoclonal antibody targeting the human endogenous retrovirus-W envelope protein.

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: B-cell depleting therapies are effective in relapsing-remitting MS and in young MS patients with active lesions on MRI; however, their effect on FRL is unknown. With the increasing number of oral DMTs, predictors of early treatment response are needed. Vidoflufulum calcium is a second-generation, oral-DHODH inhibitor that lacks off-target effects on kinases. Real-world data on the addition of therapies after completion of cladribine are limited. Telimelab is a humanized IgG4 monoclonal antibody targeting the human endogenous retrovirus-W envelope protein.

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: B-cell depleting therapies are effective in relapsing-remitting MS and in young MS patients with active lesions on MRI; however, their effect on FRL is unknown. With the increasing number of oral DMTs, predictors of early treatment response are needed. Vidoflufulum calcium is a second-generation, oral-DHODH inhibitor that lacks off-target effects on kinases. Real-world data on the addition of therapies after completion of cladribine are limited. Telimelab is a humanized IgG4 monoclonal antibody targeting the human endogenous retrovirus-W envelope protein.

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: B-cell depleting therapies are effective in relapsing-remitting MS and in young MS patients with active lesions on MRI; however, their effect on FRL is unknown. With the increasing number of oral DMTs, predictors of early treatment response are needed. Vidoflufulum calcium is a second-generation, oral-DHODH inhibitor that lacks off-target effects on kinases. Real-world data on the addition of therapies after completion of cladribine are limited. Telimelab is a humanized IgG4 monoclonal antibody targeting the human endogenous retrovirus-W envelope protein.

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: B-cell depleting therapies are effective in relapsing-remitting MS and in young MS patients with active lesions on MRI; however, their effect on FRL is unknown. With the increasing number of oral DMTs, predictors of early treatment response are needed. Vidoflufulum calcium is a second-generation, oral-DHODH inhibitor that lacks off-target effects on kinases. Real-world data on the addition of therapies after completion of cladribine are limited. Telimelab is a humanized IgG4 monoclonal antibody targeting the human endogenous retrovirus-W envelope protein.

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: B-cell depleting therapies are effective in relapsing-remitting MS and in young MS patients with active lesions on MRI; however, their effect on FRL is unknown. With the increasing number of oral DMTs, predictors of early treatment response are needed. Vidoflufulum calcium is a second-generation, oral-DHODH inhibitor that lacks off-target effects on kinases. Real-world data on the addition of therapies after completion of cladribine are limited. Telimelab is a humanized IgG4 monoclonal antibody targeting the human endogenous retrovirus-W envelope protein.

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: B-cell depleting therapies are effective in relapsing-remitting MS and in young MS patients with active lesions on MRI; however, their effect on FRL is unknown. With the increasing number of oral DMTs, predictors of early treatment response are needed. Vidoflufulum calcium is a second-generation, oral-DHODH inhibitor that lacks off-target effects on kinases. Real-world data on the addition of therapies after completion of cladribine are limited. Telimelab is a humanized IgG4 monoclonal antibody targeting the human endogenous retrovirus-W envelope protein.

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: B-cell depleting therapies are effective in relapsing-remitting MS and in young MS patients with active lesions on MRI; however, their effect on FRL is unknown. With the increasing number of oral DMTs, predictors of early treatment response are needed. Vidoflufulum calcium is a second-generation, oral-DHODH inhibitor that lacks off-target effects on kinases. Real-world data on the addition of therapies after completion of cladribine are limited. Telimelab is a humanized IgG4 monoclonal antibody targeting the human endogenous retrovirus-W envelope protein.

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: B-cell depleting therapies are effective in relapsing-remitting MS and in young MS patients with active lesions on MRI; however, their effect on FRL is unknown. With the increasing number of oral DMTs, predictors of early treatment response are needed. Vidoflufulum calcium is a second-generation, oral-DHODH inhibitor that lacks off-target effects on kinases. Real-world data on the addition of therapies after completion of cladribine are limited. Telimelab is a humanized IgG4 monoclonal antibody targeting the human endogenous retrovirus-W envelope protein.

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: B-cell depleting therapies are effective in relapsing-remitting MS and in young MS patients with active lesions on MRI; however, their effect on FRL is unknown. With the increasing number of oral DMTs, predictors of early treatment response are needed. Vidoflufulum calcium is a second-generation, oral-DHODH inhibitor that lacks off-target effects on kinases. Real-world data on the addition of therapies after completion of cladribine are limited. Telimelab is a humanized IgG4 monoclonal antibody targeting the human endogenous retrovirus-W envelope protein.

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: B-cell depleting therapies are effective in relapsing-remitting MS and in young MS patients with active lesions on MRI; however, their effect on FRL is unknown. With the increasing number of oral DMTs, predictors of early treatment response are needed. Vidoflufulum calcium is a second-generation, oral-DHODH inhibitor that lacks off-target effects on kinases. Real-world data on the addition of therapies after completion of cladribine are limited. Telimelab is a humanized IgG4 monoclonal antibody targeting the human endogenous retrovirus-W envelope protein.

analysis revealed that the 10 mg dosage had a minimal effect on decreased peripheral inflammation but more compartmentalised inflammation, fewer relapses and T2 lesions, decreased impact of DMTs (lower relative efficacy), and increased risk of adverse effects from therapy (Topic 3). In observational studies, those most likely to relapse after treatment discontinuation were younger patients, those with recent active disease, and those who had been receiving natalizumab or fingolimod. Three randomised controlled studies investigating discontinuation of treatment in MS are ongoing.

Background: B-cell depleting therapies are effective in relapsing-remitting