Addressing Gaps in MS Patient Care Via Personalized Continuing Education

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1 Defining the Need for Education

At the time of the needs assessment (Jan ‘17)
- There was a 5-year period of rapid approvals for RRMS; providers struggled to differentiate options¹⁻²
- No therapies were available for PPMS¹
- Shared decision making (SDM) was underutilized²⁻³

2 Program Content and Design

Program Goals and Content
Optimize use of new guidelines and patient outcomes via sequential, personalized education on

- Immunopathology of disease & imaging
- New guidelines
- New and emerging options
- Gender-specific issues
- Shared decision making

Personalized Learning Approach
Half-day CME Summit
Best Of Web Posting

Follow-up Participants
Overall Distribution of Participants

3 Overall Demographics

4 Overall Impact of the Education

Educational Efficacy
Overall there was an 48% relative increase in knowledge and competence
60% relative increase in knowledge regarding frequency of MRI use in patients on DMTs
78% posttest score on questions related to MS in pregnancy
56% relative increase in knowledge regarding current and emerging DMTs

Potential Patient Impact
>3.8K Number of patients with MS seen per month who are 32% more likely to receive evidence-based care

5 Personalized Learning – Impact of the Education

Impact on Knowledge

Personalized Learning
Overall
Progressive MS
MS in Pregnancy
Q: What are options for a 30-y/o newly diagnosed patient?
A: IFNβ, GA, DMF, fingolimod, teriflunomide, or ocrelizumab
89% 88%
81% 84%
66% 69%
70% 74%
59% 61% 62%

Posttest scores of those who scored 0% on initial CME posttest

Pretest
71% 91% 66%
MS in Pregnancy
Progressive MS
Treatment selection
Q: Which is the best management plan for a 61-y/o with SPMS?
A: Ocrelizumab plus exercise therapy
89%

100% Of personalized learning participants have implemented practice changes

6 Conclusions & Opportunities

Personalized Education

Addresses persisting knowledge gaps
Encourages follow-up participation
Garners participation beyond that which was directly targeted

Opportunities
Direct targeting of personalized education can be adopted across specialties
Personalized learning can be adopted for sequential delivery of education or customization of educational curricula

This activity was supported by educational grants from Novartis Pharmaceuticals Corporation; Sanofi Genzyme; and Teva Pharmaceuticals.