Contact: Anna Larkin
CME Outfitters, LLC
Phone: (614) 328-4529
Fax: (614) 448-4429

10319 Westlake Drive #106
Bethesda, MD 20817
www.cmeoutfitters.com

FOR IMMEDIATE RELEASE

Posters Accepted at CNS Summit 2017 and NANS 2018 Meetings

CME Outfitters is excited to be presenting findings from their PredictCME analysis of educational outcomes data on intrathecal pain management.

BETHESDA, Maryland (October 31, 2017) – CME Outfitters (CMEO), a leading accredited provider in continuing medical education, is excited to have posters accepted for presentation at the 2017 CNS Summit in November as well as the 2018 North American Neuromodulation Society (NANS) meeting in January. The posters will highlight results from a predictive modeling analysis of outcomes data from an activity on intrathecal pain management and are entitled, "Factors Influencing Best Practices in Intrathecal Pain Management: Results from a Predictive Modeling Analysis."

Supported by an educational grant from Jazz Pharmaceuticals, CMEO conducted an educational activity focusing on educating healthcare providers (HCPs) treating patients with chronic pain on the updated Polyanalgesic Consensus Conference (PACC) guidelines regarding intrathecal drug delivery (IDD). "The educational outcomes study demonstrated the success of the activity. However, we like to take it a step further by using predictive modeling to determine what factors influence practice behaviors, which will help guide needs assessments for future activities and ensure the appropriate topics, formats, questions, and audiences are targeted," stated Jamie Reiter, PhD, Director of Educational Outcomes at CMEO.

At the 2017 CNS Summit and 2018 NANS meetings, CMEO will present findings from its PredictCME analysis, CMEO's latest offering for adding value and dimension to its outcomes studies. PredictCME is based on a form of predictive modeling, known as CHAID (chi-square automatic interaction detection). It is often used in data mining, but CMEO is the first provider to use it in medical education. PredictCME has advantages over linear and logistic regression, including the ability to incorporate both continuous and categorical data, as well as tree-based output, which enables visual and more user-friendly interpretation of results.

In this particular study, outcomes data from 127 HCPs were analyzed using PredictCME. Surveys assessing knowledge, confidence, and behavior were administered before and immediately following the activity. Data from two behavior questions were converted to a single behavior score and used as the response variable; demographics, knowledge, confidence, barriers to practice, and evaluation data were entered as predictors. Findings revealing that barriers to practice was the strongest predictor of behavior, with those indicating unfamiliarity with PACC guidelines as a barrier least likely to perform behaviors related to PACC guidelines. Detailed results will be shared at the meeting.

"The results from the PredictCME analysis make intuitive sense and provide support for driving behavior change in HCPs treating patients with chronic pain simply through education," stated Reiter. "These findings demonstrate that predictive modeling is not just 'pretty' but shows real value and can be used to design educational activities that

actually improve clinician behavior and eventually patient outcomes."

About CME Outfitters, LLC

CME Outfitters develops and distributes live, recorded and web-based, outcomes- and evidence-based educational activities to thousands of clinicians each year and offers expert accreditation and outcome services for non-accredited organizations. CME Outfitters focuses on delivering education to specialty audiences, with strong expertise in neuroscience, inflammatory, infectious, and autoimmune diseases, and cardiovascular disease. For a complete list of certified activities and more information, visit www.cmeoutfitters.com or call 877.CME.PROS (877.263.7767).

"CME Outfitters …
Improving Clinical Behavior … One Change at a Time"

###