Abstracts

CASE STUDY: Management of T2DM in Five European Countries
Merritt C, Szonek S, Taylor AJ, Goff D, Orwoll E, Herms N, Boudreau D
1Strong Square, LLC, Kirkland, WA, USA; 2Northwest Pharmacy Services, Portland, OR, USA

OBJECTIVES: This study describes the outcomes and resources used to manage T2DM in five European countries: France, England, Italy, Spain, and Germany. METHODS: The study included three components: 1) survey design and validation; 2) web-translation of the survey; and 3) identification and recruitment of physicians to complete the survey. Survey Design: Country-specific and international treatment guidelines were collated into a comprehensive list of management strategies. The survey was grouped into categories: Initial evaluation; initial therapy; second and third-line treatment; monitoring; supportive care. Web Translation: The web site is designed to elicit specific answers rather than open responses. Drop down lists and check boxes facilitate completion. “Yes” answers to specific questions (“Chemotherapy is indicated: Yes/No”) direct the respondent to more detailed questions on the topic. Respondents log in with a secure ID/password, and can enter and exit as many times as is needed. Physician Recruitment: Physician key opinion leaders (KOLs) with expertise in breast cancer are recruited from each country (stratified by service area) in three separate phases. RESULTS: In Phase I, KOLs review the “beta” web site, offering suggestions for improving its accuracy and comprehensiveness. In Phase II, a new group of KOLs complete the survey from their home or office. In Phase III, KOLs from Phase I review the summary results and comment on the findings. CONCLUSIONS: Although subject to certain limitations, the web-based survey offers an efficient strategy to determine practice patterns for advanced breast cancer.

DATA ACQUISITION AND INTEGRATION FOR ANTIBIOTIC TREATMENT REPORTING
Haase M1, Sasaki P1, Fazio J2
1Strong Square, LLC, Kirkland, WA, USA; 2Northwest Pharmacy Services, Portland, OR, USA

OBJECTIVES: Develop a database tool to allow the administration, acquisition and integration of disparate medical, pharmacy, enrollment, and provider-specific data to measure adherence to a regional antibiotic treatment guideline program. Critical, innovative data management and patient confidentiality measures were developed and implemented to build a unified data set of antibiotic prescribing episodes. METHODS: Strong Square, LLC incorporated the medical, pharmacy and professional claims from seven participating health plans in Washington state to create an integrated database of patient-specific longitudinal data. This database was used to measure the impact of previously distributed antibiotic prescribing guidelines. Results include...