

Economic burden of major depressive disorder or anxiety



Situation

This study aimed to determine consultation-based prevalence and incidence of MDD/anxiety, demographics characteristics, compliance rate to medication possession, specialty based MDD/anxiety at the time of diagnosis and economic burden including direct (all-cause and disease specific cost) and indirect cost (literature review).



Approach and methodology

- IQVIA followed the retrospective analysis approach to achieve the client objectives
- Study time period: Seven years including one year look back and one year look forward time period
- MDD (ICD-10 CM: F32, F33), Anxiety (ICD-10 CM: F40, F41)



Objective

IQVIA assisted the client in reaching the following key objectives:

- Assess prevalence and incidence rate
- To describe patient demographics, baseline healthcare resource utilization and cost including comorbidities
- To assess Compliance Rate / Medication possession ratio to specific antidepressants(ADs)
- Conduct Specialty analysis
- To report all-cause and disease-specific healthcare resource utilization and cost for 1 year follow up period
- To report indirect costs using literature review



Results and impact

- **Client was able to identify the following:**
 - » The prevalence of MDD/anxiety increased
 - » Highest number of patients reported in middle age group with almost equal distribution in males and females
 - » Study showed indirect cost has substantial implication on economic burden compared to direct cost