The impact of memantine and cholinesterase inhibitors initiation on caregiver burden in patients with Alzheimer’s disease (AD) was assessed. The study aimed to evaluate the effectiveness of memantine and cholinesterase inhibitors (ChEIs) on reducing caregiver burden.

**OBJECTIVES:**
- To assess the impact of memantine and ChEIs on caregiver burden.
- To compare the effects of memantine and ChEIs with those of ChEIs alone.

**METHODS:**
- The study was a retrospective cohort analysis using the Truven Health MarketScan Medicare Supplemental Database from 2/1/2006 through 12/31/2011.
- Patients with AD were included if they initiated treatment with memantine or ChEIs between 2/1/2006 and 3/30/2011.
- Patients were followed for one year after the initiation of treatment.

**RESULTS:**
- Patients who initiated treatment with memantine or ChEIs showed a significant reduction in caregiver burden compared to those who initiated ChEIs alone.
- The reduction in caregiver burden was more pronounced in patients who initiated memantine compared to those who initiated ChEIs.

**CONCLUSIONS:**
- Memantine and ChEIs are effective in reducing caregiver burden in patients with AD.
- Memantine may be particularly useful in patients who are not responsive to ChEIs alone.