

## TOPIRAMATE (TOPAMAX®)

### INDICATIONS

- 1) Treatment resistant bipolar disorder (adjunct only)
- 2) Weight loss or prevention of weight gain from antipsychotic or divalproex therapy
- 3) Alcohol dependence

### PRECAUTIONS TO CONSIDER

#### Contraindications

##### *Absolute:*

- 1) History of anaphylactic reaction and similarly severe significant hypersensitivity to medication prescribed

##### *Relative:*

- 1) Pregnancy/nursing mothers
- 2) Glaucoma
- 3) Metabolic acidosis

#### Precautions

- 1) Kidney stones
- 2) Moderate or severe renal impairment
- 3) Hepatic impairment
- 4) Concomitant valproate therapy
- 5) Hyperammonemia
- 6) Hypothermia or hyperthermia

#### Pregnancy and Breast-Feeding

See relative contraindications. FDA Pregnancy Category D. Lactation Risk L3.

#### Drug Interactions of Major Significance

- 1) Estrogen containing oral contraceptives (only significant if topiramate dose  $\geq$  200 mg/day)
- 2) Carbonic anhydrase inhibitors (e.g., zonisamide, acetazolamide)
- 3) Valproic acid, carbamazepine, phenytoin
- 4) Lithium

#### Age-Specific Considerations

- 1) Safety and efficacy in children have not been established
- 2) Oligohydrosis, hypothermia, kidney stones, metabolic acidosis are more common in children

**TOPIRAMATE (TOPAMAX®) - continued**

**Side Effects Which Require Medical Attention**

- |  |                                      |
|--|--------------------------------------|
| 1) Psychomotor slowing                       | 10) Nervousness                      |
| 2) Headache                                  | 11) Drowsiness, lethargy, somnolence |
| 3) Diplopia                                  | 12) Depression                       |
| 4) Dizziness                                 | 13) Weight loss                      |
| 5) Nausea, vomiting, anorexia                | 14) Eye pain, visual disturbances    |
| 6) Oligohidrosis                             | 15) Hypothermia or hyperthermia      |
| 7) Cognitive dysfunction                     | 16) Hyperammonemia                   |
| 8) Paresthesia                               | 17) Metabolic acidosis               |
| 9) Kidney stones (severe flank or back pain) |                                      |

**PATIENT MONITORING**

**Patient Monitoring Parameters**

- 1) Comprehensive Metabolic Panel (renal and hepatic function, serum bicarbonate)- baseline, 3 months, annually and as clinically indicated
- 2) Pregnancy Test - as clinically indicated
- 3) Eye Exam – baseline and annually
- 4) Monitor for the emergence of suicidal ideation or behavior
- 5) If used for weight loss, monitor weight baseline, quarterly and as clinically indicated

**Dosing**

- 1) See DSHS/DADS Drug Formulary for dosage guidelines.
- 2) Exceptions to maximum dosage must be justified as per medication rule.