

**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)
- 7) valproic acid, carbamazepine, phenytoin
- 8) Lithium

Age-Specific Considerations

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

Side Effects Which May Require Medical Attention

- |                               |                                     |
|-------------------------------|-------------------------------------|
| 1) Psychomotor slowing        | 6) Nervousness                      |
| 2) Headache                   | 7) Drowsiness, lethargy, somnolence |
| 3) Diplopia                   | 8) Depression                       |
| 4) Dizziness                  | 9) Weight loss                      |
| 5) Nausea, vomiting, anorexia |                                     |

- 10) Eye pain, visual disturbances
- 11) Oligohidrosis
- 12) Hypothermia or hyperthermia
- 13) Cognitive dysfunction
- 14) Hyperammonemia
- 15) Paresthesia
- 16) Metabolic acidosis
- 17) Kidney stones (severe flank or back pain)

## **PATIENT MONITORING**

### Patient Monitoring Parameters

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

### Dosing

See DSHS/DADS Drug Formulary for dosage guidelines.

Exceptions to maximum dosage must be justified as per medication rule.