

<b>Table III. Treatment of Thyroid Storm</b>
<b>Supportive</b>
Treatment of underlying illnesses
Intravenous fluids
Cooling blanket and/or antipyretics
<b>Beta-adrenergic blocking drugs</b>
Propranolol - 1 mg IV/min to a total dose of 10 mg then 40-80 mg PO q6h, or
Esmolol - 500 mg/kg/min IV then 50-100 mg/kg/min, or
Metoprolol - 100-400 mg PO q12h, or
Atenolol - 50-100 mg PO daily
<b>Antithyroid drugs</b>
Inhibition of thyroid hormone synthesis
Propylthiouracil - 800 mg PO first dose then 200-300 mg PO q8h, or
Methimazole - 80 mg PO first dose then 40-80 mg PO q12h
Block release of thyroid hormones from the gland
SSKI - 5 drops PO q8h, or
Lugol's solution - 10 drops PO q8h or
Lithium - 800-1200 mg PO qd – achieve serum lithium levels 0.5-1.5 meq/L
<b>Block T4 to T3 conversion</b>
Corticosteroids – Dexamethasone 1-2 mg PO q6h
Most beta-blockers – Propranolol 40-80 mg PO q6h
Propylthiouracil
Telapaque (Iopanoic Acid) – no longer available in the US
<b>Remove thyroid hormones from the circulation</b>
Plasmapheresis, or
Peritoneal dialysis, or
Cholestyramine – 4g PO q6h, or
Colestipol – 20-30 mg PO daily
<b>Treatment of the underlying/precipitating illness</b>