## **Primary Craniofacial Hyperhidrosis** Topical antiperspirant therapy (aluminum and zirconium salts). Educate re application Good Continue time/technique to maximize efficacy and response? minimize side effects. NO OnabotulinumtoxinA injections Good NO Make adjustments to technique, Repeat p.r.n. response? dose and/or area covered. Good Repeat p.r.n. response? NO Good Continue response?

Consider systemic medications:

- 1. Anticholinergics (e.g. glycopyrrolate, oxybutynin, propantheline)
- 2. Clonidine
- 3. Propranolol
- 4. Diltiazem

Patients must be carefully selected and educated to fully understand the possibility of limited efficacy and the risks of complications including, but not limited to, compensatory sweating.

Endoscopic thoracic sympathectomy



Updated: January 15, 2012 © 2012 International Hyperhidrosis Society To maximize efficacy and minimize side effects, consider combination therapy adjusted to patient needs and disease presentation.