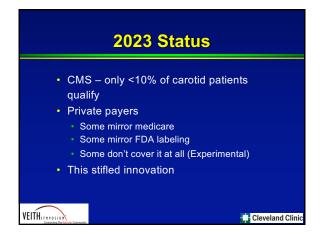


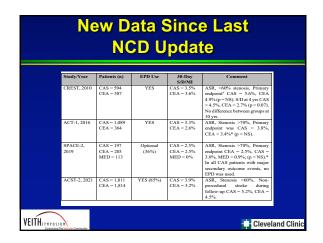
Consultant: BD, Boston Scientific, Contego Medical, Cordis, Endologix, Inspire MD, Medtronic, Rapid Medical, Shockwave, Penumbra, Vivasure, Nectero, Reflow Stock options: Inspire MD and Centerline Biomedical, Reflow VIVA Physicians, Board Member Research Studies: Abbott, Endologix, Surmodics, W.L. Gore, Terumo Aortic, NIH, Boston Scientific, Merit, Contego Medical, Inspire MD, Reva Medical, Penumbra, Medalliance, Nectero

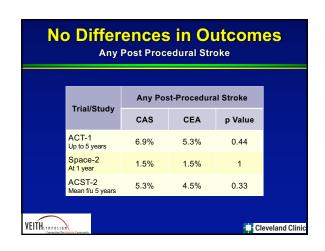


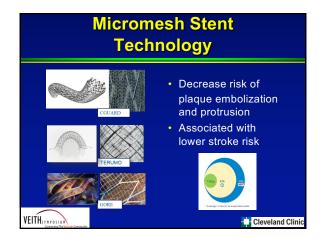


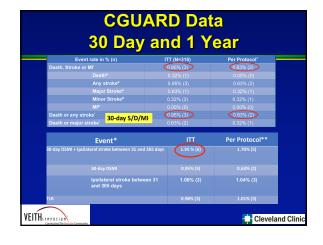
CAS undergone scientific scrutiny Four large multicenter RCTs with 6772 patients showing equivalence with CEA in procedural outcomes, long-term stroke prevention and durability We have learned who best to apply the technology on

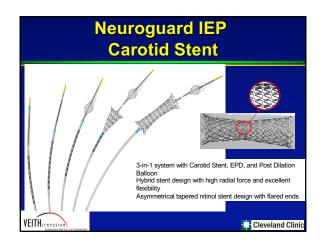


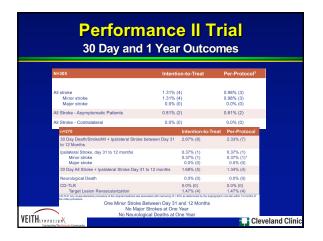




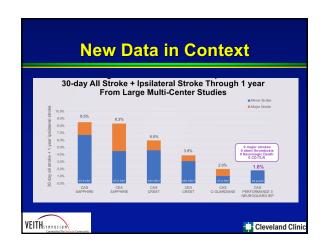




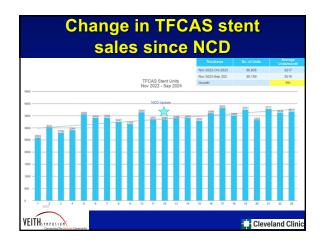
















Conclusions

- Carotid disease treatable with CEA, CAS or TCAR
 - >50% symptomatic
 - >70% asymptomatic patients
 - Better selection of patients for all therapies
 - Advances in stent and protection strategies has improved outcomes
 - 10% increase in cases both TFCAS and TCAR
 - No decremental outcomes since NCD





