

End-Stage Heart Failure The Epidemic

- Nearly 5 million people in USA currently diagnosed with CHF (15 million worldwide)
 - 1 million NYHA III
 - 0.5 million NYHA IV
- 550,000 new cases/year
- Over 287,000 deaths/yr
- CHF is the #1 DRG (\$52 B or > 5% of the healthcare budget)
- WHO predicts CHF will be the leading cause of mortality in the world by 2010





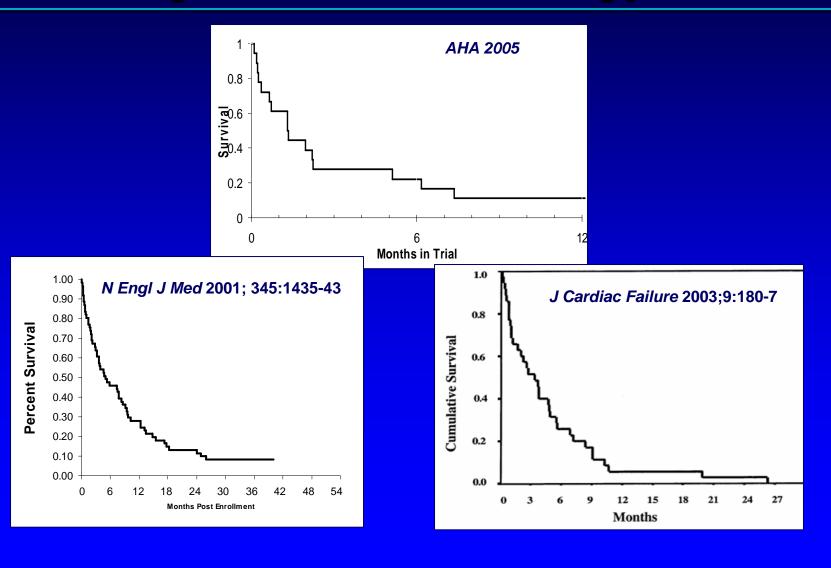
4.9 Million*

End-Stage Heart Failure *Morbidity and Mortality*

- Stage D HF has 30-78% mortality/yr, with only 30% being sudden death (Davis, et al. Am J Hospice and Palliative Medicine. 22 (3); May/June 2005: 211-22).
- COSI* Study of 36 inotrope-dependent stage D HF pts: 46 rehosp, median survival 3.4 mos, with 6% one year survival (Hershberger RE, et al. J Card Fail. 2003 Jun; 9(3): 188-91).



Survival of Stage D Patients Optimal Medical Therapy





End-Stage Heart Failure One Year Hospital Admissions

