

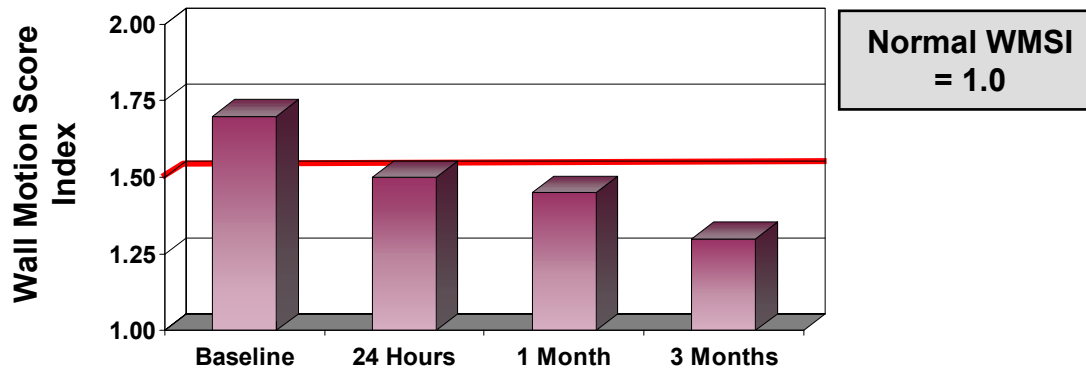
Phase I Feasibility Trial

Purpose: To demonstrate feasibility and compare LV function to baseline values after AO Therapy

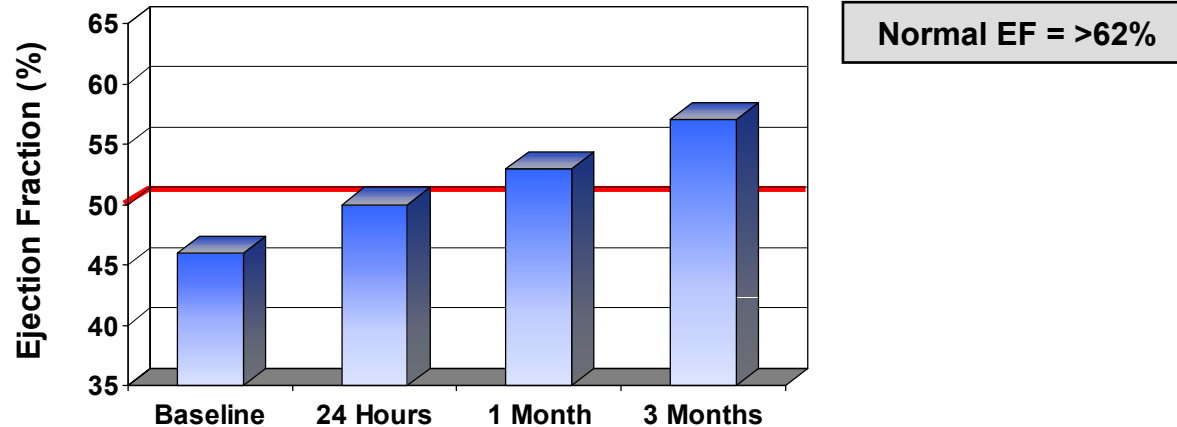
- Completed December 1999
- 29 Patients
 - 19 Anterior AMI
 - 10 Non-anterior AMI (primarily RCA culprit)
- 3 Centers
 - ✓ William Beaumont Hospital – *Detroit, Michigan*
 - ✓ Providence Hospital – *Detroit, Michigan*
 - ✓ Centro Cardiologico Monzino – *Milan, Italy*
- Non-Randomized

Phase I Feasibility Trial

Regional Wall Motion Score Index Improvement



Ejection Fraction Improvement



Phase I Study Summary

- AO Therapy well tolerated in AMI setting
- Documented improvements in LV function over a 3 month period
- Justifies the need to evaluate AO Therapy in a randomized clinical trial

Reference:

Dixon SR *et al.* Initial Experience with Hyperoxemic Reperfusion after Primary Angioplasty for Acute Myocardial Infarction. *J Am Coll Cardiol* 2002;**39**:387-92.