**DETO2X-AMI**

**Trial design:** Patients with chest pain symptoms were randomized to supplemental oxygen therapy (n = 3,311) vs. ambient air (n = 3,318).

**Results**
- All-cause mortality at 12 months: 5.0% of the oxygen group vs. 5.1% of the ambient air group (p = 0.81)
- Rehospitalization for MI: 3.8% of the oxygen group vs. 3.3% of the ambient air group (p = 0.33)

**Conclusions**
- Among patients with suspected MI, supplemental oxygen therapy was not beneficial
- Oxygen therapy compared with ambient air did not improve survival