

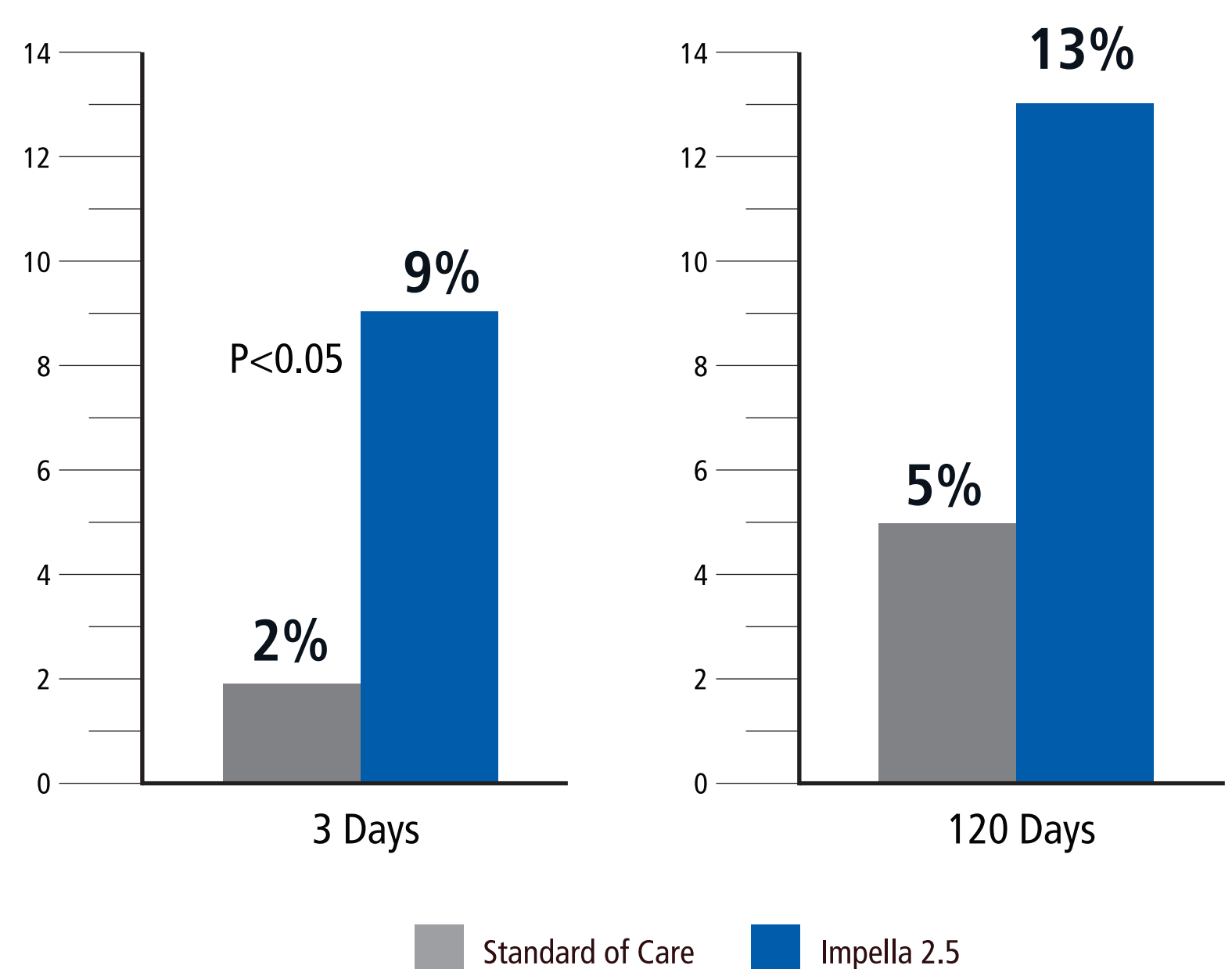
Impella 2.5 Promotes Heart Recovery in STEMI Patients

MACH II Trial – ACC 2007 (José Henriques, MD, PhD)

Impella 2.5 vs. Standard of Care

- Single Center, Non-Randomized Study
 - 10 Impella 2.5 Patients
 - 10 Standard of Care Patients
- Mean Assist Time on Impella 2.5 = 71 hours 43 minute
- % Improvement in EF Measured at 3 days and 120 days

Improvement in Ejection Fraction (EF)



Results

- **Significantly Higher Improvement in EF of the Impella Group vs. Standard of Care at 3 days and 120 days ($p < 0.05$)**
- No Femoral Vessel Complications
- No Aortic Valve Injury

“..Impella 2.5 improves cardiac function at three days and four months (120 Days) after AMI vs. Standard of Care.”

– José Henriques, MD, PhD, Amsterdam Medical Center