



Highlights from:

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Prospective comparison between conventional transseptal puncture and transseptal needle puncture with radio frequency energy

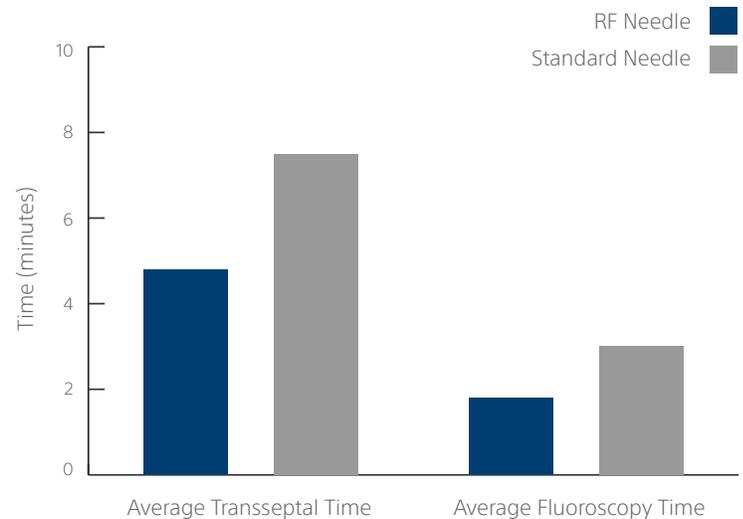
INTRODUCTION

- ▶ This study compared the safety and efficacy of radiofrequency (RF) transseptal puncture to the conventional technique.

RESULTS

- ▶ The average time for the RF transseptal puncture was 4.8 minutes compared to 7.5 minutes for the conventional technique ($p=0.045$).
- ▶ The average fluoroscopy time for the RF transseptal puncture was 1.8 minutes compared to 2.9 minutes for the conventional technique ($p=0.043$).
- ▶ RF transseptal puncture was successful in all patients. Four patients undergoing the conventional technique required crossover to the RF transseptal puncture ($p=0.003$).

Comparison between RF Needle and Standard Needle



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