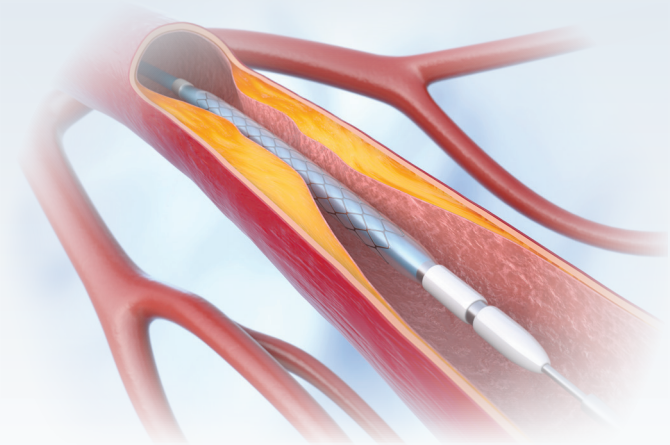
Does Dual Pulmonary Hypertension (PH) Therapy Lead to Fewer Balloon Pulmonary Angioplasty Complications and Improved Outcomes Compared With Monotherapy?

STUDY DESIGN

- **Retrospective cohort study** of **169 consecutive patients** with chronic thromboembolic pulmonary hypertension who underwent balloon pulmonary angioplasty (BPA) after pretreatment with either monotherapy or dual therapy in The Netherlands
- Compared 93 patients (55%) who received pretreatment with monotherapy and 76 patients (45%) who received pretreatment with dual PH-targeted medical therapy

RESULTS



- Compared with those pretreated with monotherapy, **patients pretreated with dual therapy experienced**:
  - Fewer BPA-related thoracic complications (8.4% vs 19.6%; $P < .001$)
  - Greater improvement in 6-minute walking distance, cardiac index, and pulmonary vascular resistance

In this study, pretreating with dual PH therapy was associated with lower periprocedural BPA complication rates, and clinical outcomes were better compared with monotherapy.

Staal DP, et al. *CHEST* November 2026 | @journal_CHEST | https://doi.org/10.1016/j.chest.2026.04.048

Copyright © 2026 American College of Chest Physicians