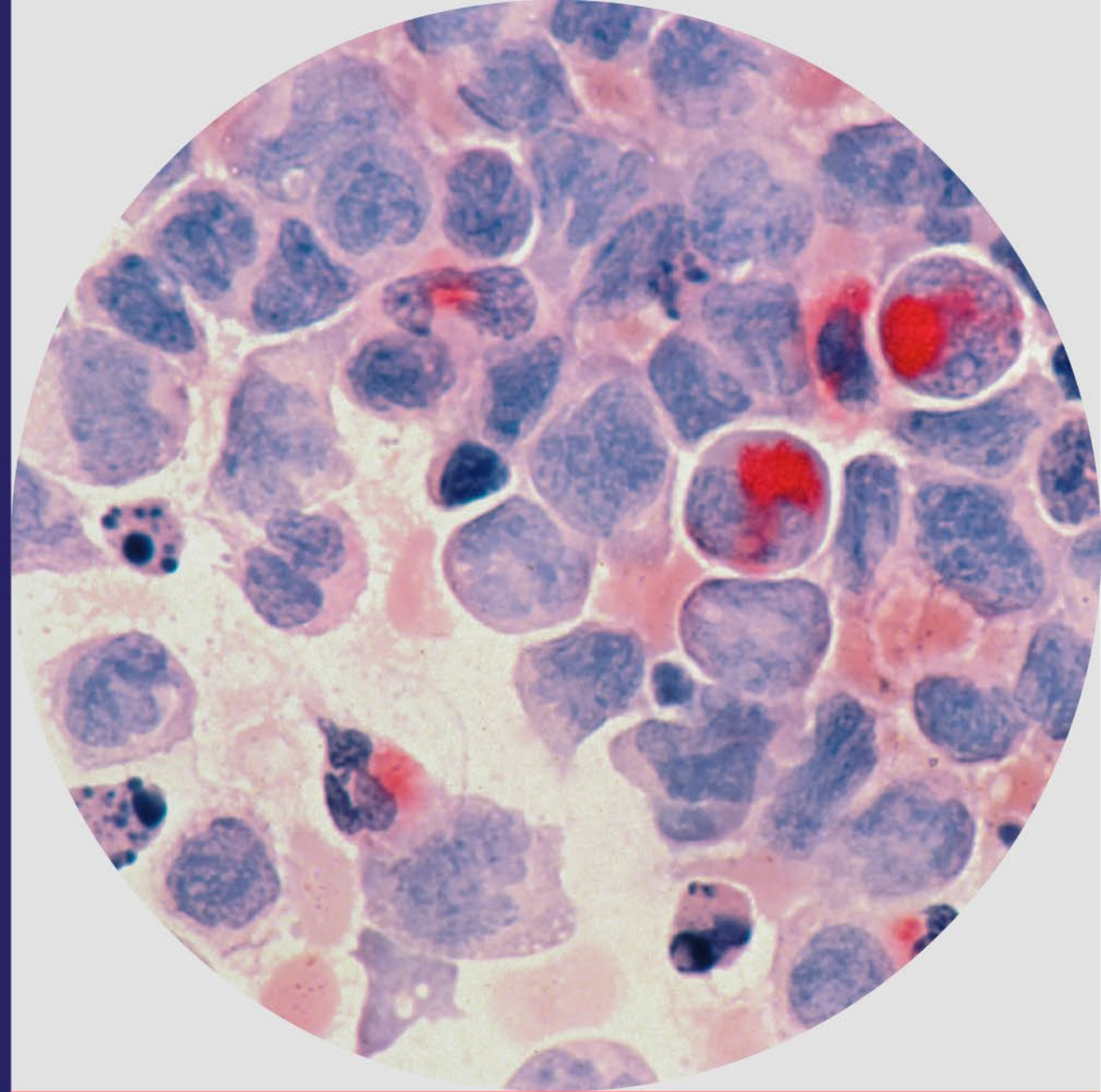


Mosliciguat in PH-ILD: PHocus Study Topline Results

roivant



September 8, 2026

Forward-Looking Statements

This presentation includes forward-looking statements that are subject to substantial risks and uncertainties that could cause actual results to differ materially from those expressed or implied by such statements. All statements other than statements of historical facts contained in this presentation, including statements regarding our future results of operations and financial position, business strategy, potential uses of cash and capital allocation, research and development plans, the anticipated timing, costs, design, conduct and results of our ongoing and planned preclinical studies and clinical trials for our product and product candidates, any commercial potential of our product and product candidates following applicable regulatory approvals, where applicable, and the outcome of any pending litigation are forward-looking statements.

These forward-looking statements are based upon the current expectations and beliefs of our management as of the date of this presentation and are subject to certain risks and uncertainties that could cause actual results to differ materially from those described in the forward-looking statements. Although we believe that our plans, intentions, expectations and strategies as reflected in or suggested by those forward-looking statements are reasonable, we can give no assurance that the plans, intentions, expectations or strategies will be attained or achieved. Furthermore, actual results may differ materially from those described in the forward-looking statements.

These forward-looking statements may be affected by a number of risks and uncertainties, including, but not limited to, those risks set forth in the sections captioned “Risk Factors” and “Cautionary Note Regarding Forward-Looking Statements” of our filings with the U.S. Securities and Exchange Commission, available at www.sec.gov and investor.roivant.com. We operate in a very competitive and rapidly changing environment in which new risks emerge from time to time. These forward-looking statements are based upon the current expectations and beliefs of our management as of the date of this presentation, and are subject to certain risks and uncertainties that could cause actual results to differ materially from those described in the forward-looking statements. Except as required by applicable law, we assume no obligation to update publicly any forward-looking statements, whether as a result of new information, future events or otherwise.

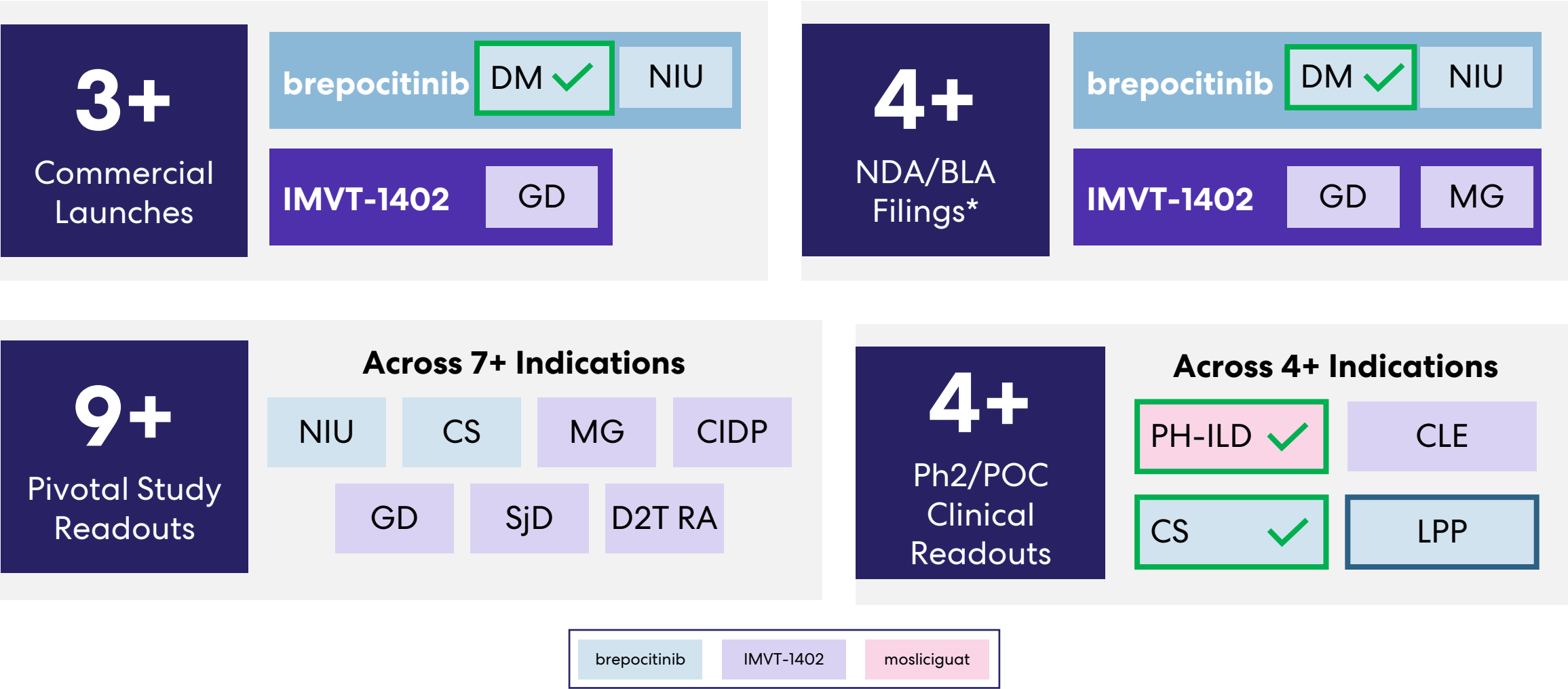
This presentation includes data for mosliciguat as compared to certain other products and

product candidates generated from separate, independent studies and that do not come from head-to-head analysis. Differences exist between study or trial designs and subject characteristics and caution should be exercised when comparing data across studies. Data regarding other products and product candidates is based on publicly available information.

Disclaimer

This presentation is intended for the investor community only; it is not intended to promote the product candidates referenced herein or otherwise influence healthcare prescribing decisions.

By the End of CY 2028, Roivant Will Execute on...



Note: LISRAYA (brepocitinib) is FDA-approved only for treatment of dermatomyositis in adult patients. All other drugs and indications remain investigational and subject to regulatory approval. All catalyst timings are approximate, based on current expectations and, where applicable, contingent on FDA feedback, and may be subject to change. All references are to calendar years.
Green outline and check indicate successful execution. **Blue outline** denotes addition since 2025 Investor Day.
NDA: new drug application; BLA: biologics license application; DM: dermatomyositis; NIU: non-infectious uveitis; GD: Graves' disease; MG: myasthenia gravis; CIDP: chronic inflammatory demyelinating polyneuropathy; SjD: Sjögren's disease; D2T RA: difficult-to-treat rheumatoid arthritis; PH-ILD: pulmonary hypertension with interstitial lung disease; CLE: cutaneous lupus erythematosus; CS: cutaneous sarcoidosis; LPP: Lichen Planopilaris
*May be supplementary filings, depending on drug/indication

Key Highlights: Mosliciguat PHocus Trial in PH-ILD

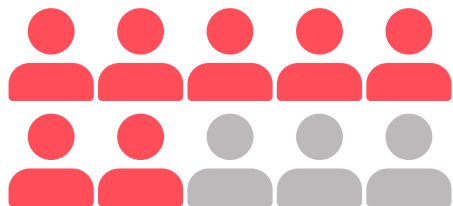
All results achieved with convenient, one breath-per-day dosing

✓ Key Clinical Endpoints	✓ Week 24 Exploratory Analyses	✓ Cardiac Measures	✓ Safety & Tolerability
Primary Endpoint -56.3% Placebo-adjusted PVR reduction at Week 16 (p<0.0001)	-75.9% Placebo-adjusted reduction in NT-proBNP at Week 24 (p<0.0001)	-22.8% Reduction in mean pulmonary arterial pressure (p<0.0001)	98%¹ Of patients reached highest (4 mg) dose and remained on 4 mg through Week 24
Key Secondary Endpoint +35.2m Placebo-adjusted increase in 6MWD at Week 16 (p=0.0027)	+52.7m Placebo-adjusted increase in 6MWD at Week 24 (p<0.0001)	+26.2% Increase in cardiac output (p<0.0001)	Well-tolerated with cough rates lower than placebo (12.1% mosliciguat vs. 18.2% placebo)

Phase 3 PHrontier program in PH-ILD initiated

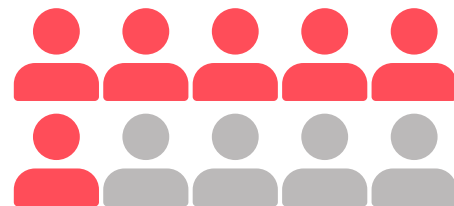
PH-ILD Patients Experience Serious Comorbidities, Despite Standard of Care

~70%



Of Patients Have At Least 1 Comorbidity¹

~60%



3-Year Mortality Rate¹

Compared to ILD Without PH, Patients With PH-ILD are at Greater Risk of Comorbidities²:

3x

Pulmonary
Circulation
Disease

2.1x

Valvular Heart
Disease

2.1x

Congestive
Heart Failure

1.3x

RA/Collagen
Vascular Disease

PH-ILD Represents a Significant Unmet Medical Need With Few Current Treatment Options



1.5-2 Years Median Survival Despite Best-Available SoC¹

- Patients with PH-ILD have a median survival of only 1.5-2 years from diagnosis¹
- **PH-ILD is a particularly severe subgroup of pulmonary hypertension with poorer prognosis and higher mortality** than other forms of PH²⁻⁵
- Elevations in PVR are associated with worse mortality in PH-ILD patients^{6,7}



Up to ~200k Patients in US and Europe

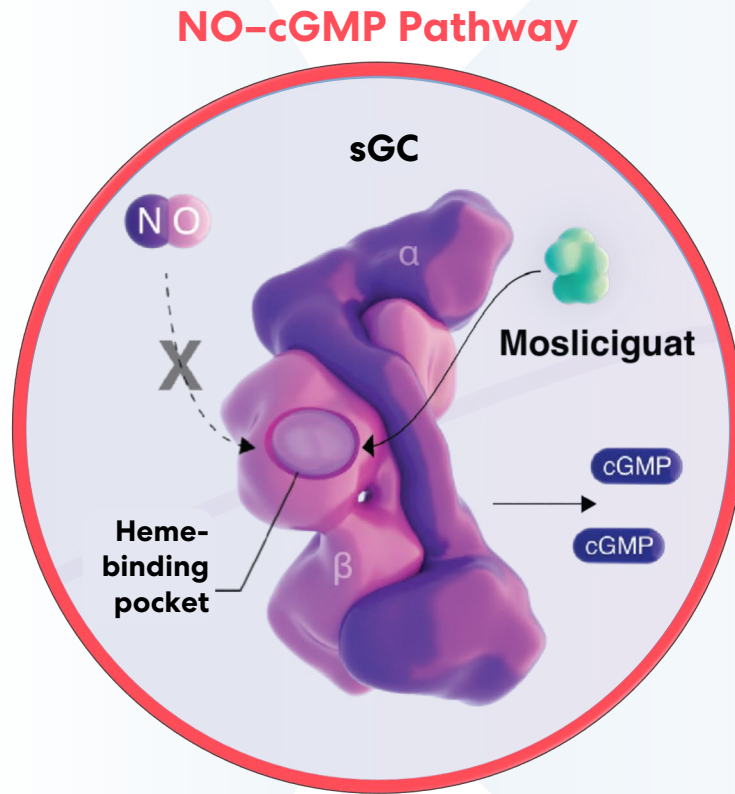
- **Prevalence likely underreported** due to limited treatment options, diagnostic barriers and evolving disease awareness⁸⁻¹⁶
- Despite potentially being a larger population, **PH-ILD remains comparatively underserved** relative to PAH



No Non-Treprostinil Approved Therapies

- Approved treprostinil therapies require **as many as 5x daily doses (up to 48 breaths/day)**, with unwanted cough and other side effects
- Unmet needs with approved PH-ILD therapies necessitate novel therapies with **improved efficacy, tolerability, and convenience**

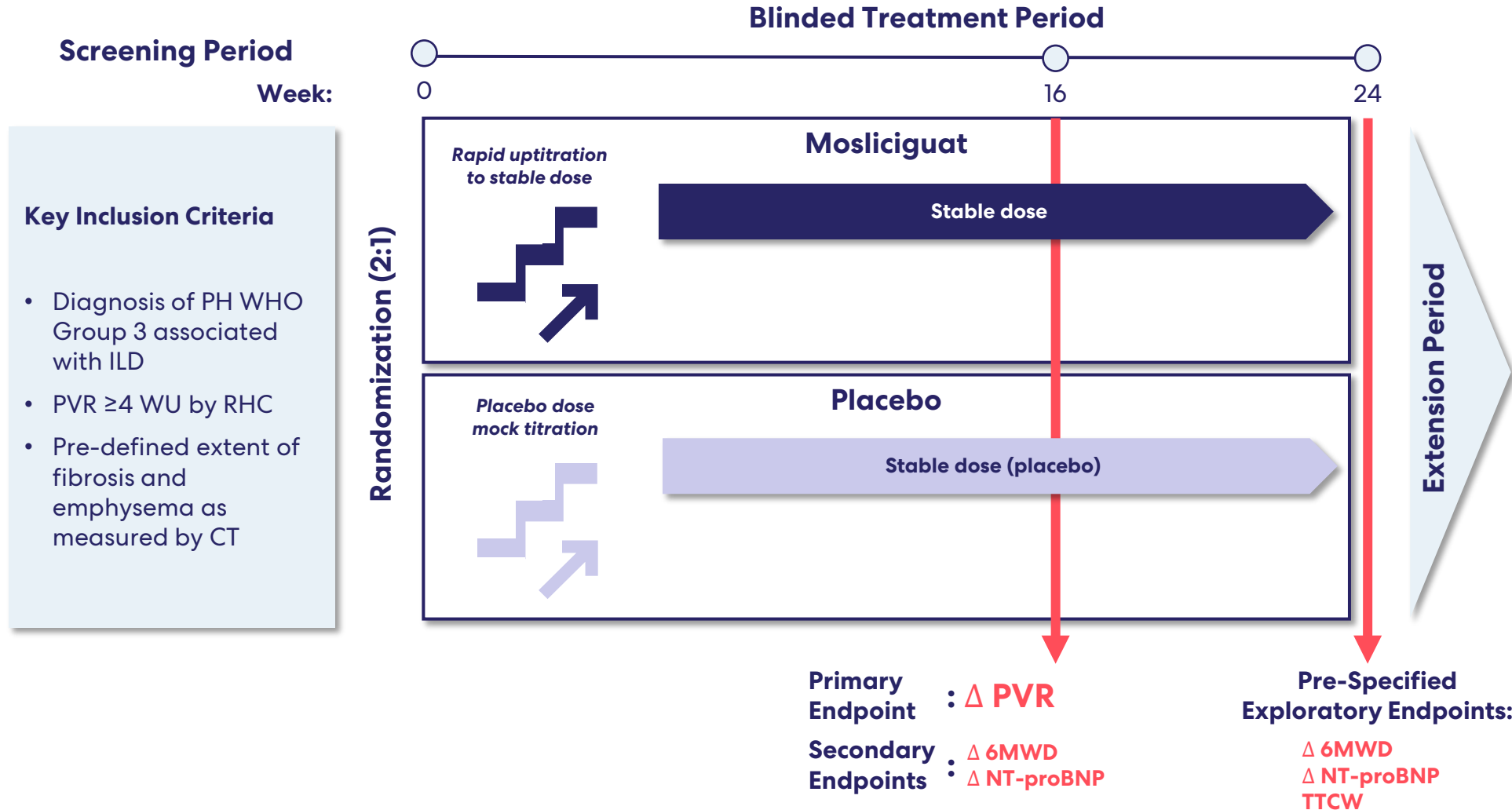
Mosliciguat is Delivered Directly to the Lungs to Activate Impaired sGC – Potentially the First Non-Treprostinil Treatment Option



- › **sGC is a key enzyme in the NO-cGMP pathway** and its activity is essential for vascular homeostasis¹
- › **Oxidative stress** in pulmonary disease reduces NO production and impairs the sGC binding site, **resulting in sGC dysfunction**²
- › **Mosliciguat activates** impaired sGC, as well as native sGC, **restoring cGMP production**, resulting in vasodilation and potential reduction of fibrosis and inflammation^{1,3}
- › Optimized particle size ensures **distal lung deposition** for targeted delivery⁴

PHocus Study of Mosliciguat in Adult Patients With PH-ILD

Double-blinded, multi-center, global trial in N=135 PH-ILD patients across 87 sites in 20 countries

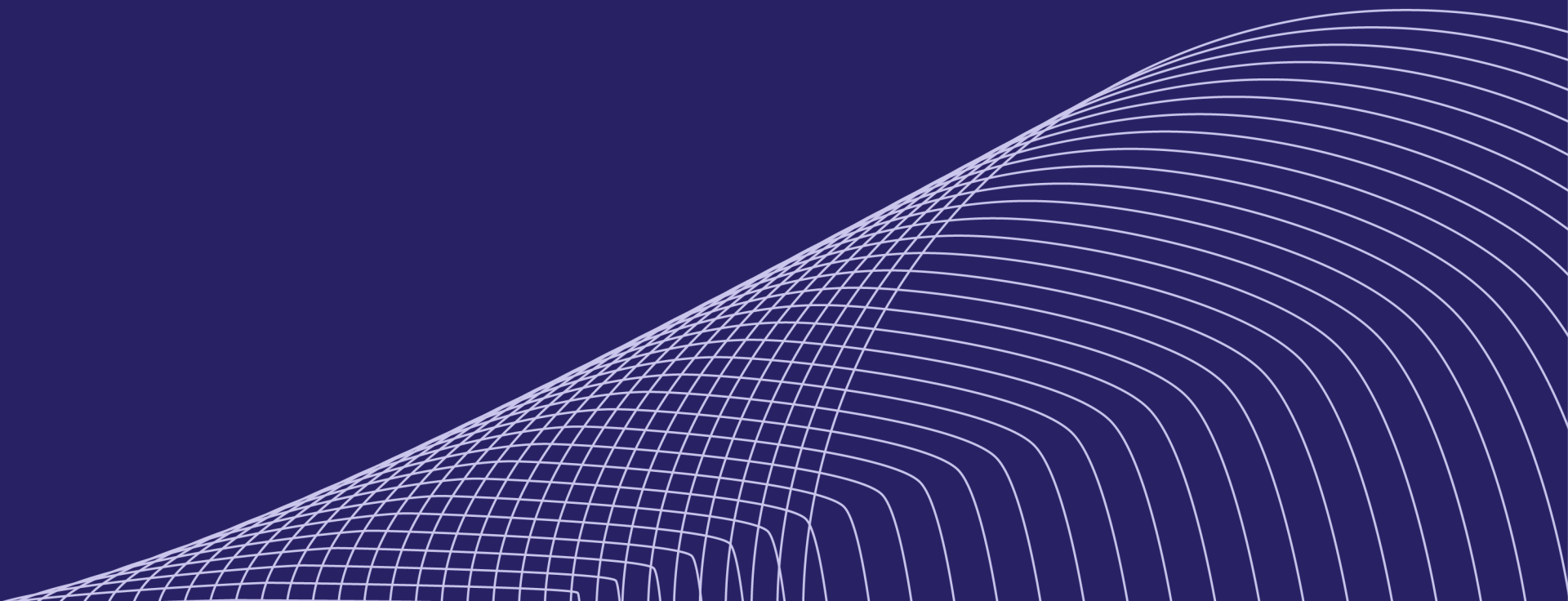


Baseline Disease Characteristics Were Well-Balanced Across Arms And Reflective of Patients With Moderate-to-Severe PH-ILD

	Placebo (N=44)	Mosliciguat (N=91)
Age (years)	68.3	67.7
Sex, % female	41%	52%
Median time since Diagnosis of PH (months)	7.2	5.8
Median time since Diagnosis of ILD (months)	65.2	62.2
PVR (dyn*sec*cm ⁵)	580.0	562.0
PVR (WU)	7.3	7.0
mPAP (mmHg)	40.0	38.9
6MWD (m)	261.6	285.0
NT-proBNP (pg/mL) ¹	1575.0	982.5
Background PDE5i, %	25%	26%
Background antifibrotic, %	59%	54%
WHO Class		
Class II, %	18%	23%
Class III, %	73%	74%
Class IV, %	9%	3%

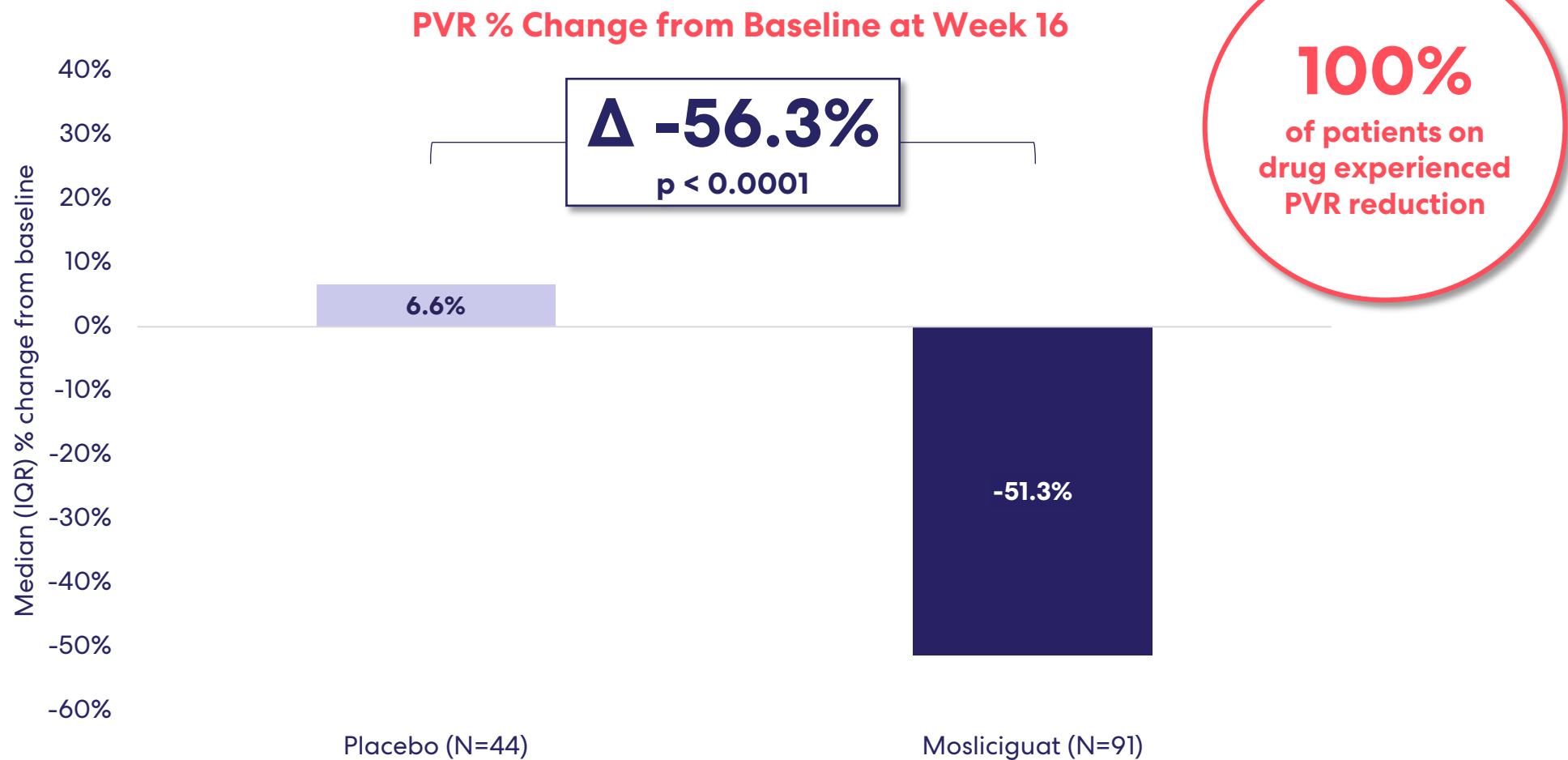
Topline Data from the PHocus Study

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Mosliciguat Met the Primary Endpoint Of Pulmonary Vascular Resistance % Change From Baseline at Week 16 With a 56.3% Placebo-Adjusted Reduction

Highest-ever reported PVR % reduction in any randomized, controlled trial in PH



Moslicigat Demonstrated Among The Highest PVR Reductions Ever Seen In Pulmonary Hypertension

PVR reduction observed with moslicigat supports potential best-in-category status

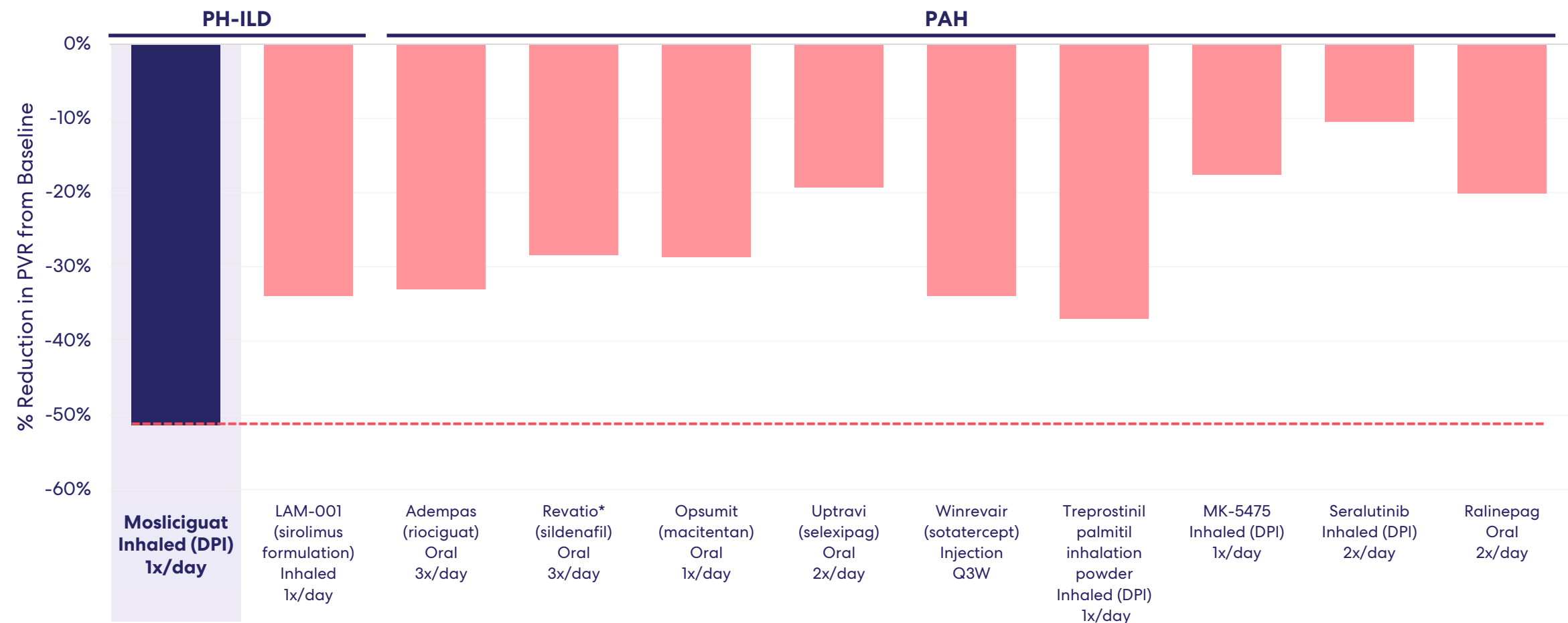
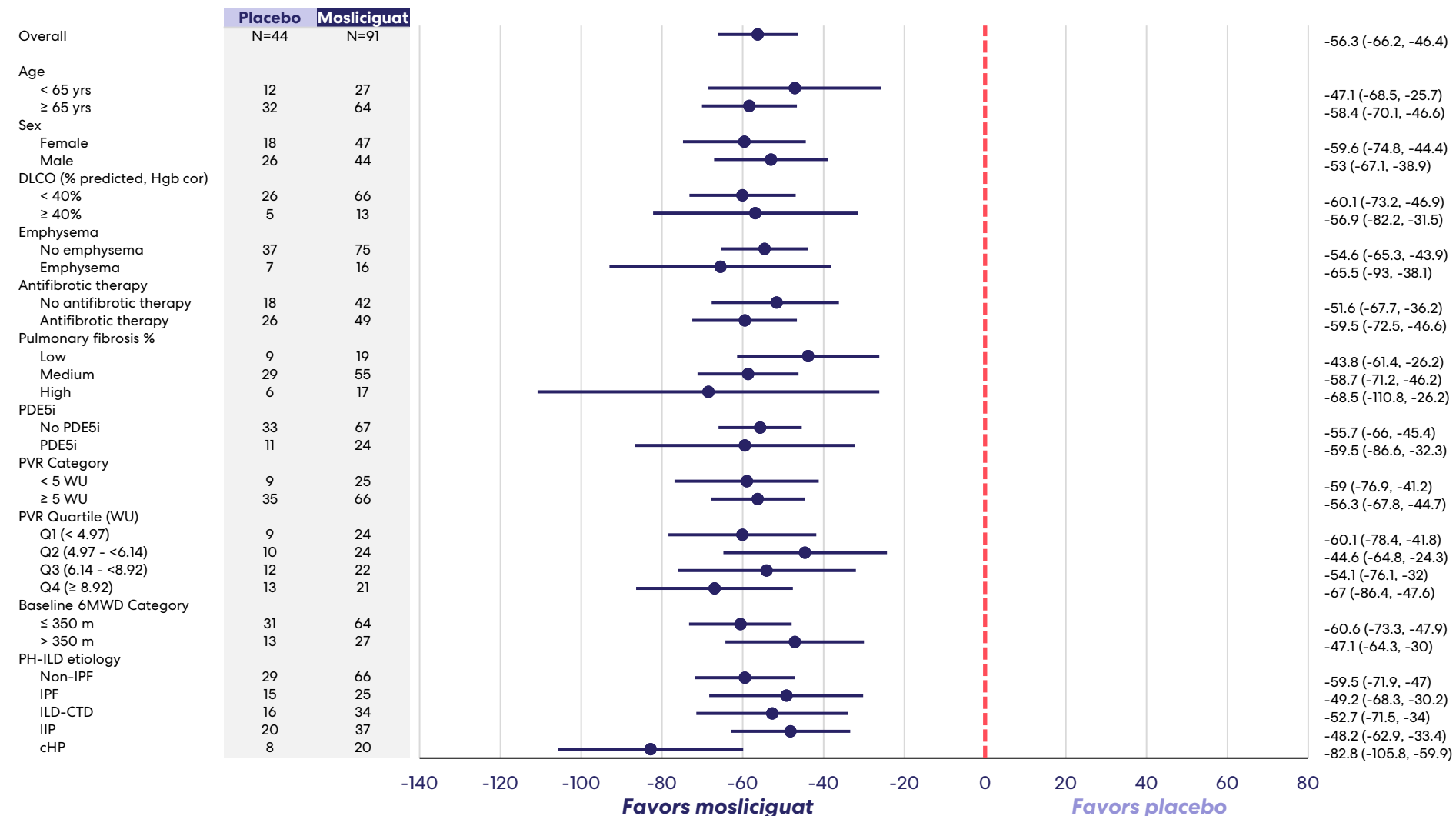


Figure represents a cross-study comparison and not a head-to-head study. Differences exist between study designs and subject characteristics, and caution should be exercised when comparing data across studies.

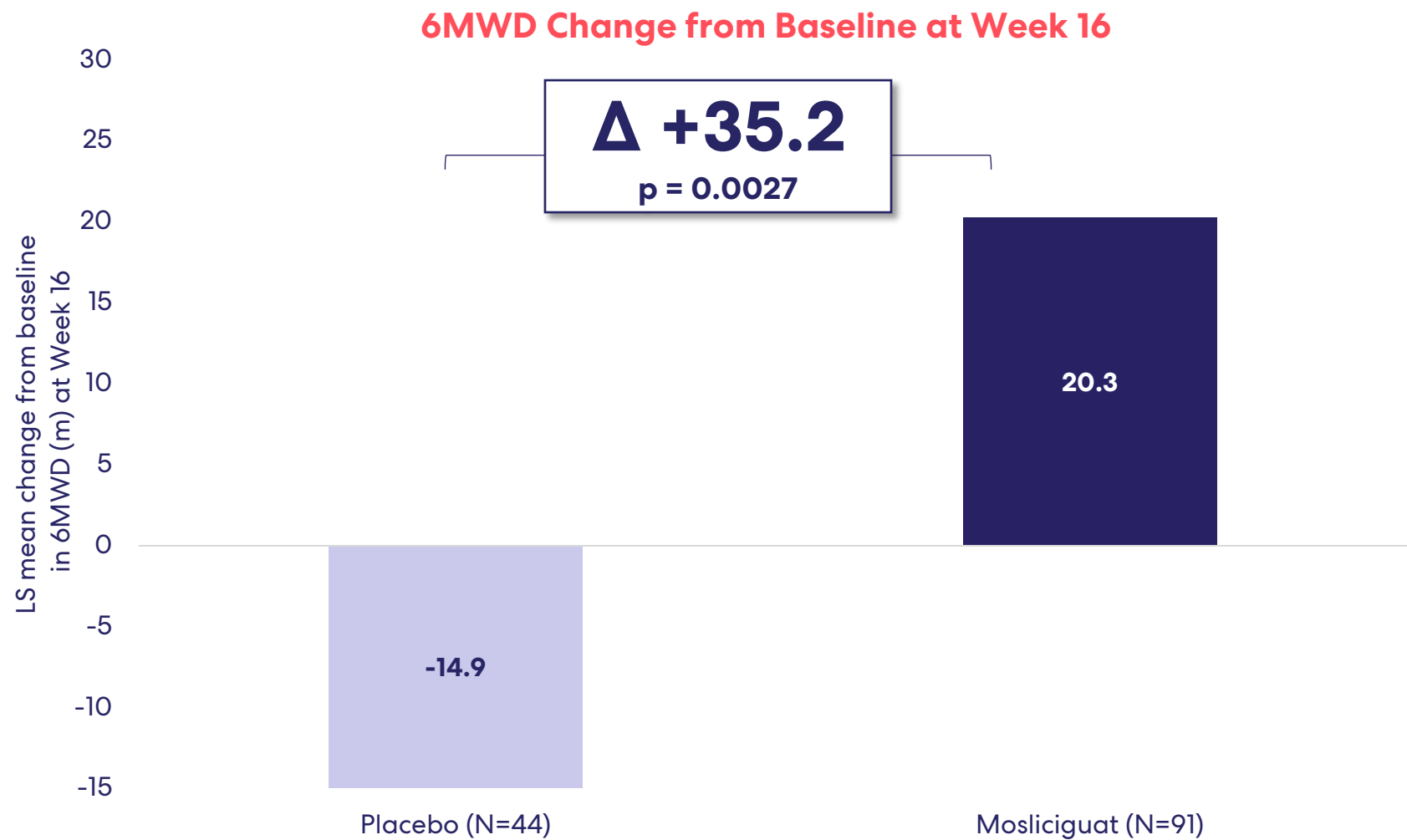
Moslicigat is an investigational drug and subject to regulatory approval
Notes: Not Exhaustive. Represents absolute % PVR changes (not placebo adjusted). Where multiple doses reported, highest PVR % reduction depicted. *% PVR reduction not reported – % change estimated based on absolute reduction and baseline values. Frequency of administration refers to that of approved dose, rather than how compound was used in given study. Data reflects minor variations in how PVR reductions were defined across studies. Absolute (non-placebo-adjusted) values reported throughout. Sources: Adempas – Ghofrani 2010; Revatio – Galie 2005; Opsumit – Pulido 2013; Upravi – Simonneau 2012; Winrevair – Humbert 2021; TPIP – Insmed Investor Presentation, 6/10/25; MK-5475 – Humbert 2024; Seralutinib – Frantz 2024; Ralinepag – Torres 2019; LAM-001 – Quince PR, 5/18/26.

PVR Treatment Effect Consistently Favored Inhaled Mosliciguat Across All Prespecified Subgroups at Week 16

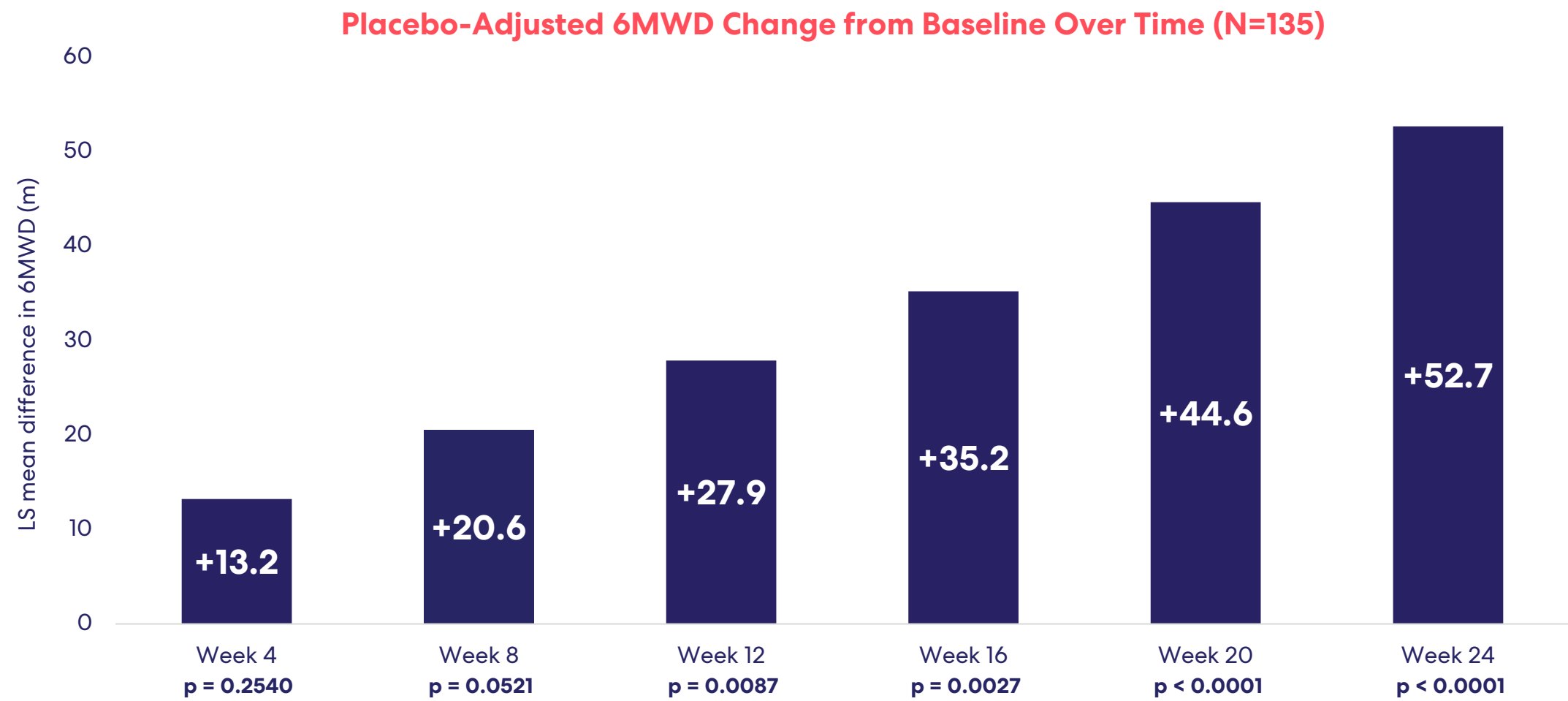


Mosliciguat is an investigational drug and subject to regulatory approval
Notes: DLCO data were not collected for all geographies due to limitations on availability of central equipment.
Abbreviations: DLCO: Diffusing Capacity of the Lungs for Carbon Monoxide; PDE5i: Phosphodiesterase 5 inhibitor; PVR: Pulmonary Vascular Resistance; WU: Wood units; 6MWD: Six-minute walk distance; IPF: Idiopathic pulmonary fibrosis; ILD-CTD: Connective tissue disease-associated interstitial lung disease; IIP: Idiopathic interstitial pneumonia; cHP: Chronic hypersensitivity pneumonitis. Source data on file.

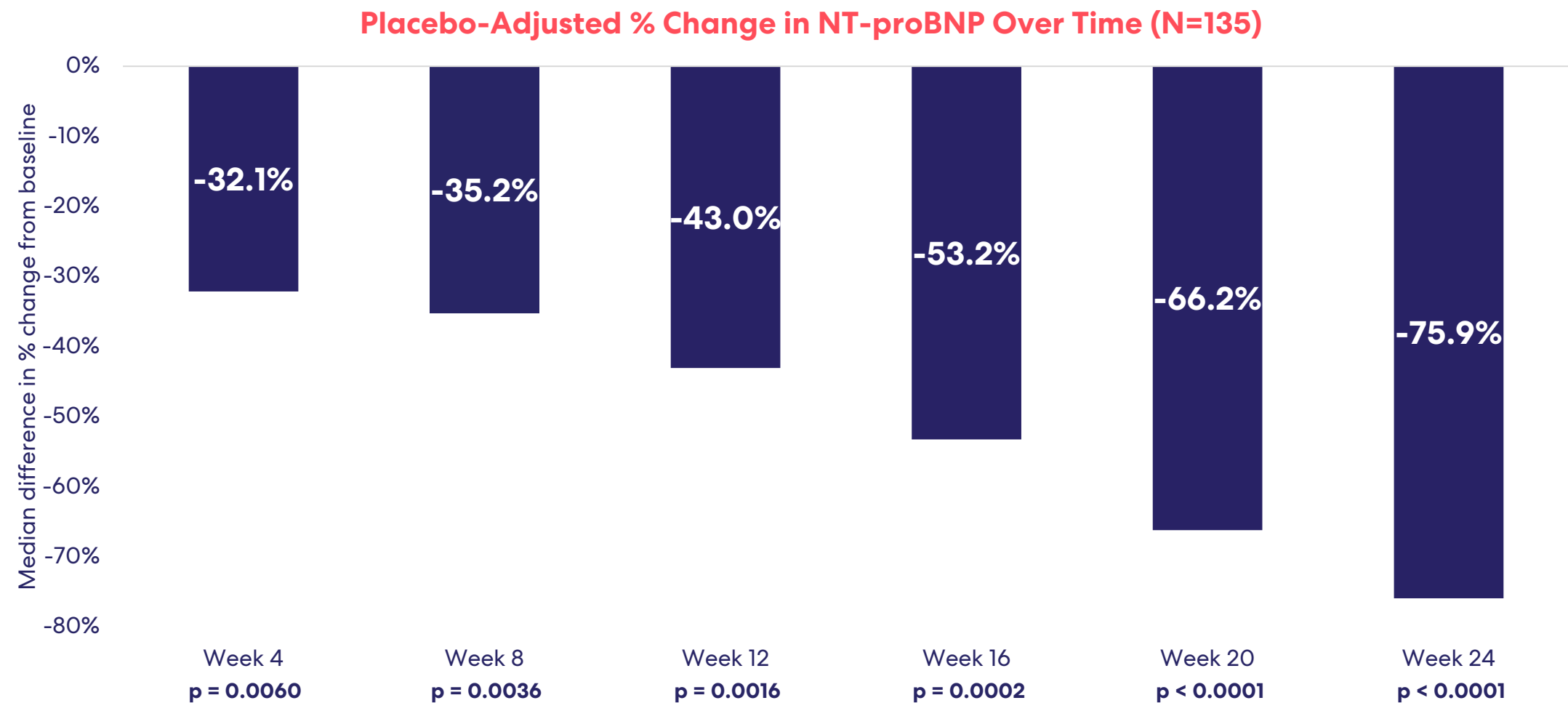
Moslicigat Achieved Statistically Significant Improvement In 6MWD, Exceeding 35 Meters at Week 16



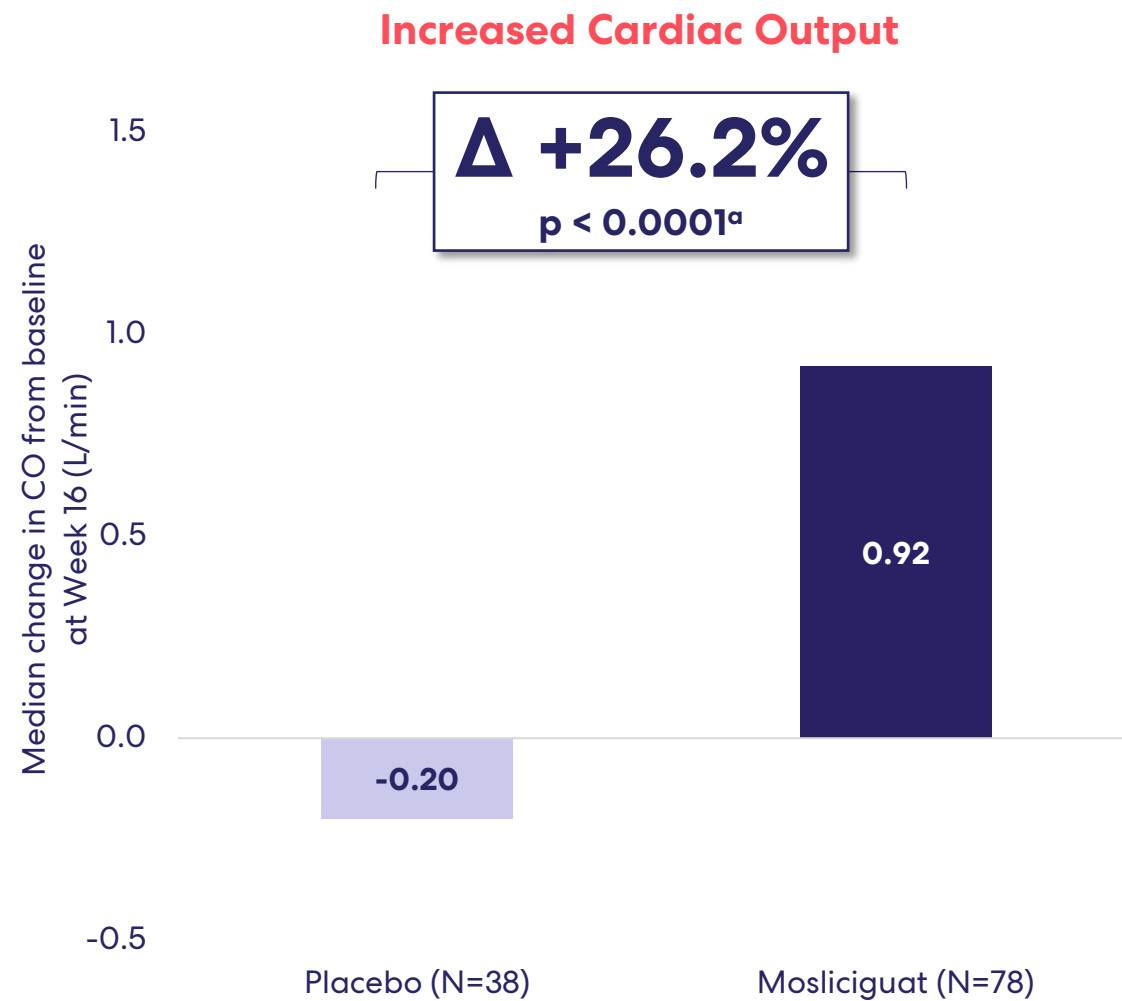
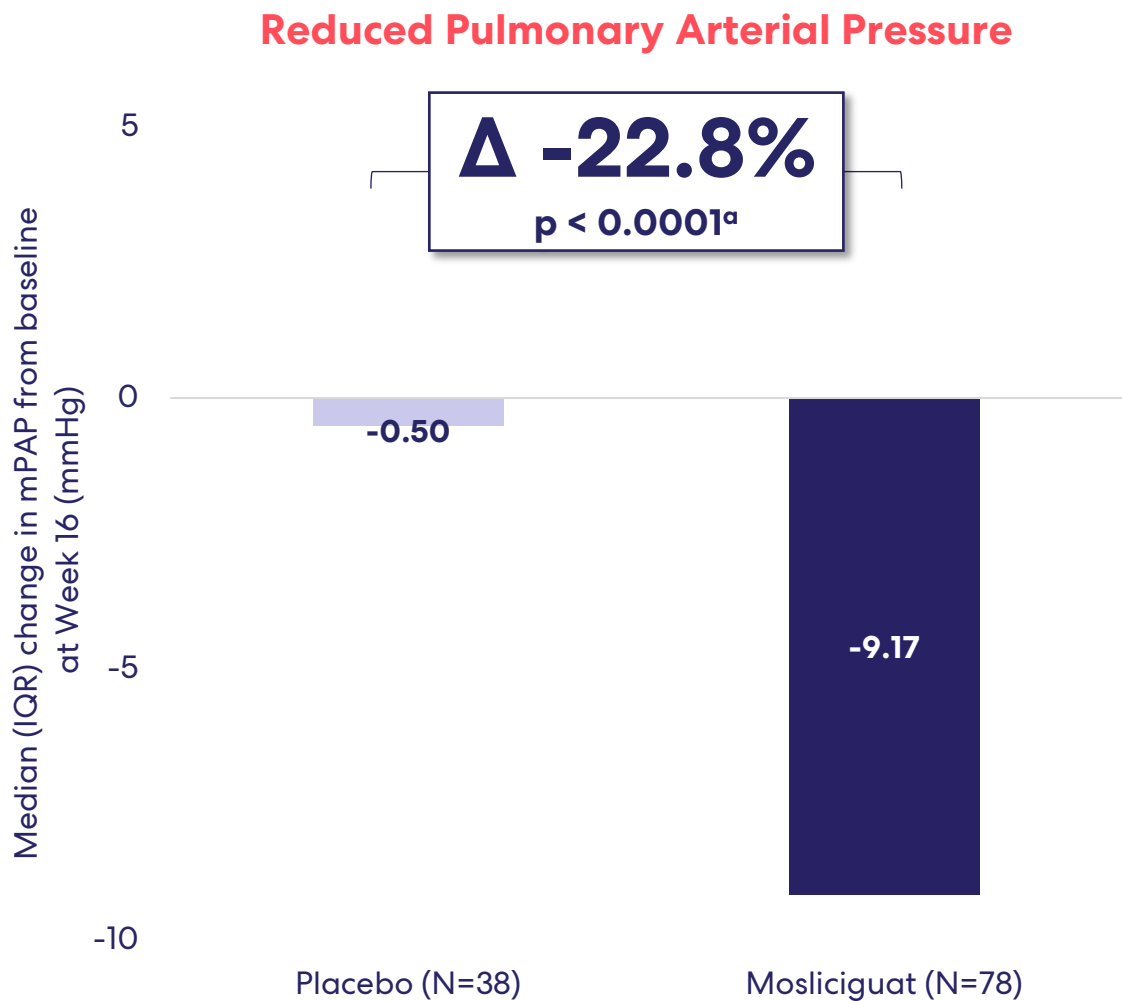
Improvement In 6MWD Observed Early and Continued To Improve Through Week 24, Reaching More Than 52 Meters



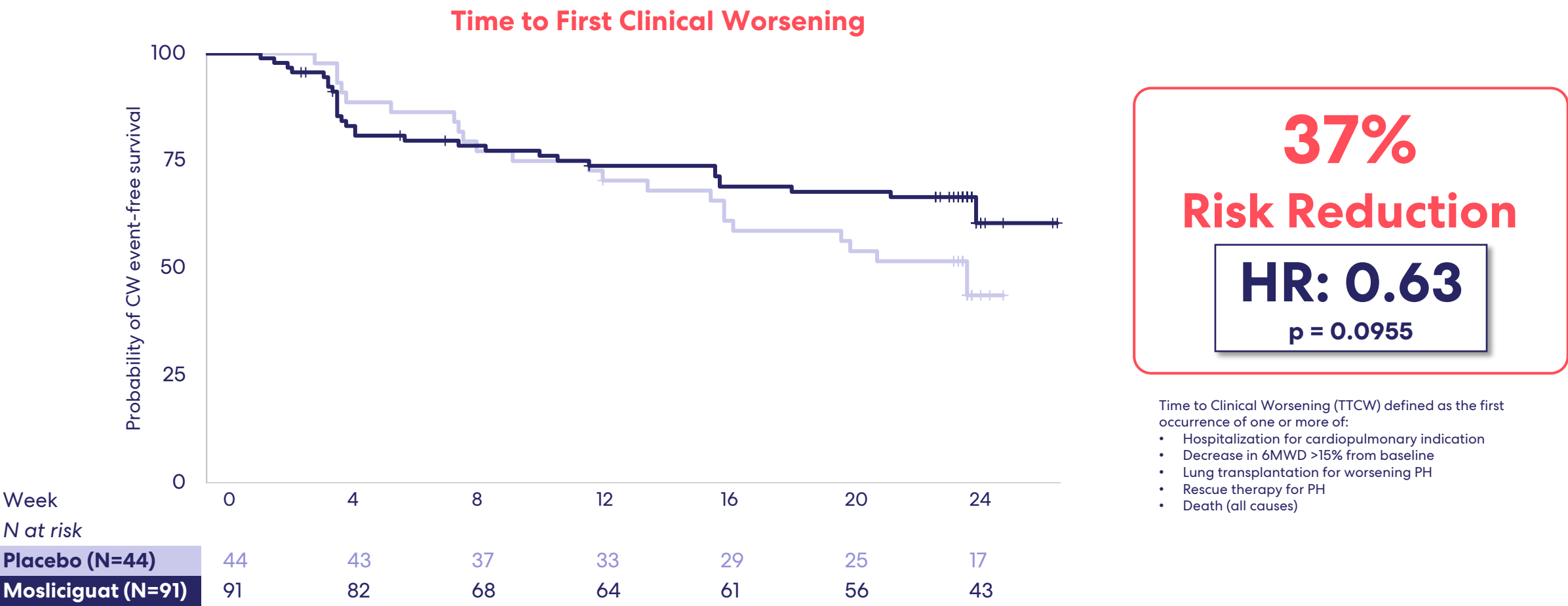
Reduction In NT-proBNP Observed Early and Continued To Improve Through Week 24, Reaching More Than -75%



Moslicigat PVR Reduction Was Associated With a Meaningful Improvement In Both mPAP and Cardiac Output



Exploratory Analysis of Time To Clinical Worsening Suggests Mosliciguat Reduced Risk of Worsening By 37%



Moslicigat Demonstrated a Cough Rate Lower Than Placebo and ~4-Fold Lower Than Prostanoid Competitors in PH-ILD

Cough Incidence Observed In PH-ILD Trials

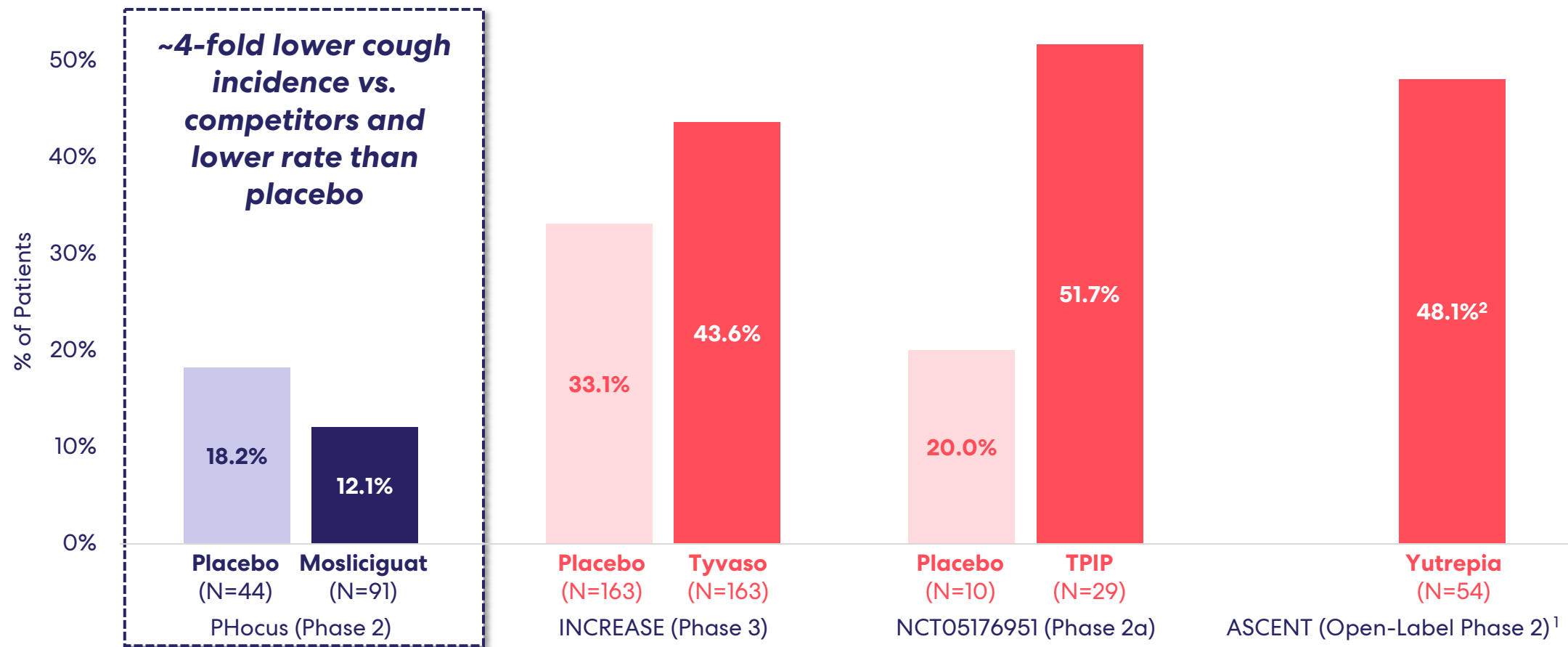


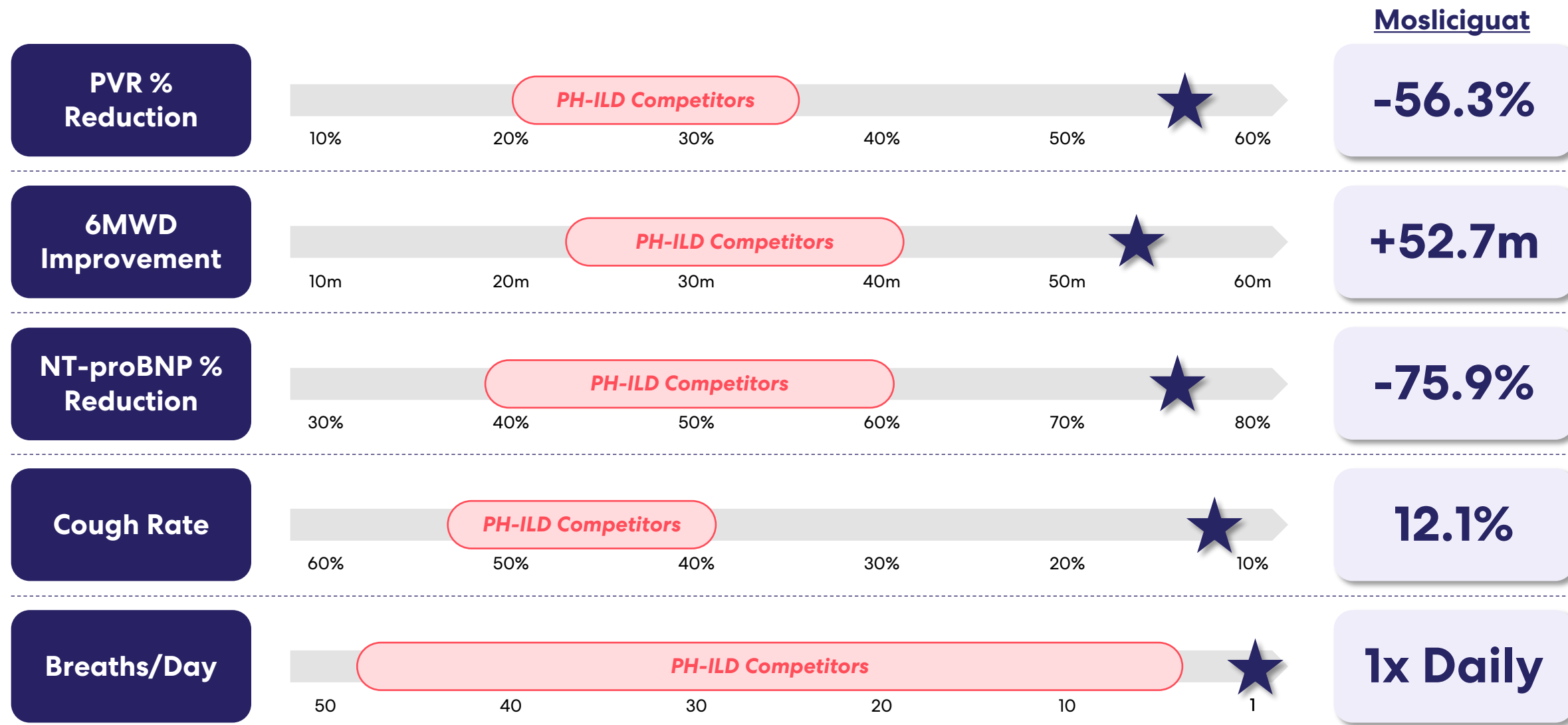
Figure represents a cross-study comparison and not a head-to-head study. Differences exist between study designs and subject characteristics, and caution should be exercised when comparing data across studies.

Moslicigat is an investigational drug and subject to regulatory approval
Notes: 1. ASCENT study is open-label and data reflects patients with follow-up available through Week 24. 2. Treatment-related cough only – underestimates overall incidence. Moslicigat treatment-related cough = 8.8% vs. 13.6% placebo. Figure represents cross-trial comparisons and caution should be taken when making comparisons. Source data on file.
Sources: Tyvaso – Waxman et al., 2021; Yutrepia – Liquidia R&D Day Presentation, October 2025; TIPI – PVRI Poster, Molina-Molina et al., 2025.

Moslicigat Was Observed To Be Well-Tolerated, With a Favorable Safety Profile

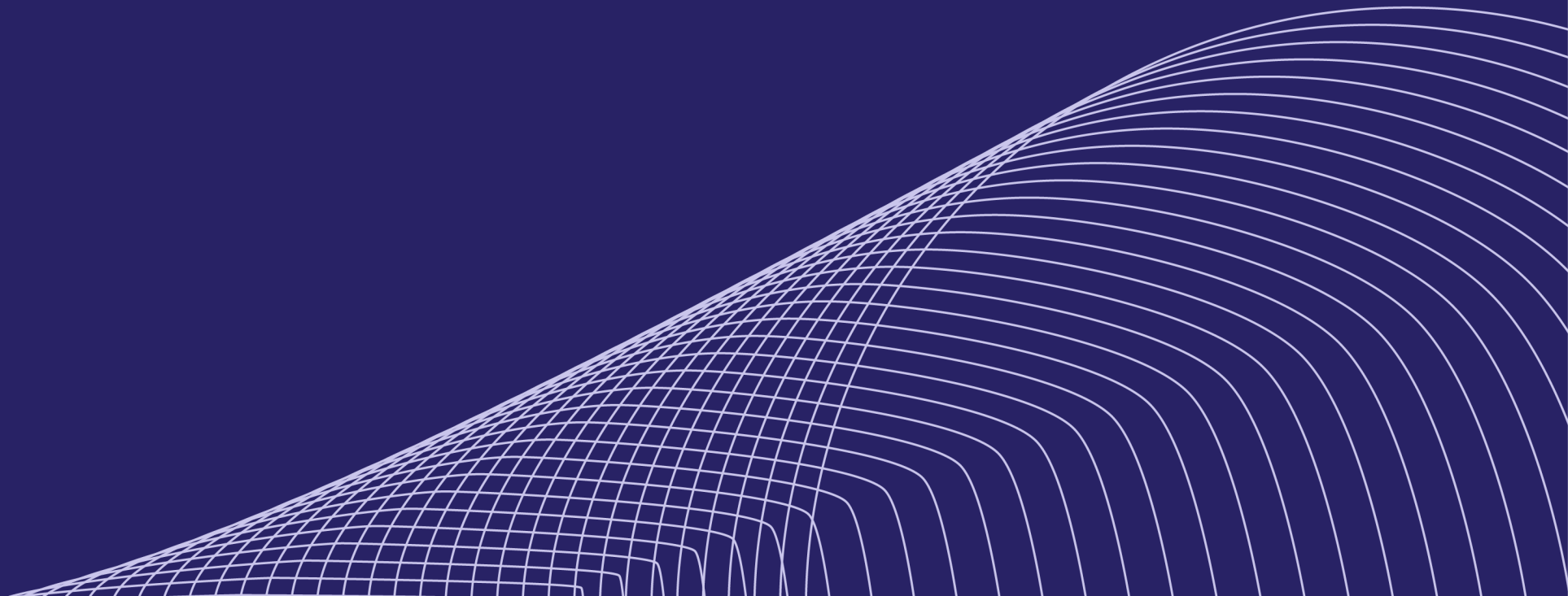
<i>n</i> (%)	Placebo (N=44)	Moslicigat (N=91)
Any TEAE	38 (86.4)	73 (80.2)
TEAEs leading to treatment discontinuation	2 (4.5)	11 (12.1)
Any SAE	12 (27.3)	30 (33.0)
Deaths	1 (2.3)	3 (3.3)
Most common TEAEs (≥10% frequency)		
Headache	3 (6.8)	16 (17.6)
Edema peripheral	5 (11.4)	13 (14.3)
Upper respiratory tract infection¹	1 (2.3)	13 (14.3)
Nausea	3 (6.8)	12 (13.2)
Cough	8 (18.2)	11 (12.1)
Treatment-Related Cough	6 (13.6)	8 (8.8)
Diarrhea	5 (11.4)	11 (12.1)
Dyspnea	6 (13.6)	10 (11.0)
Vomiting	1 (2.3)	10 (11.0)

Mosliciguat: In A League Of Its Own



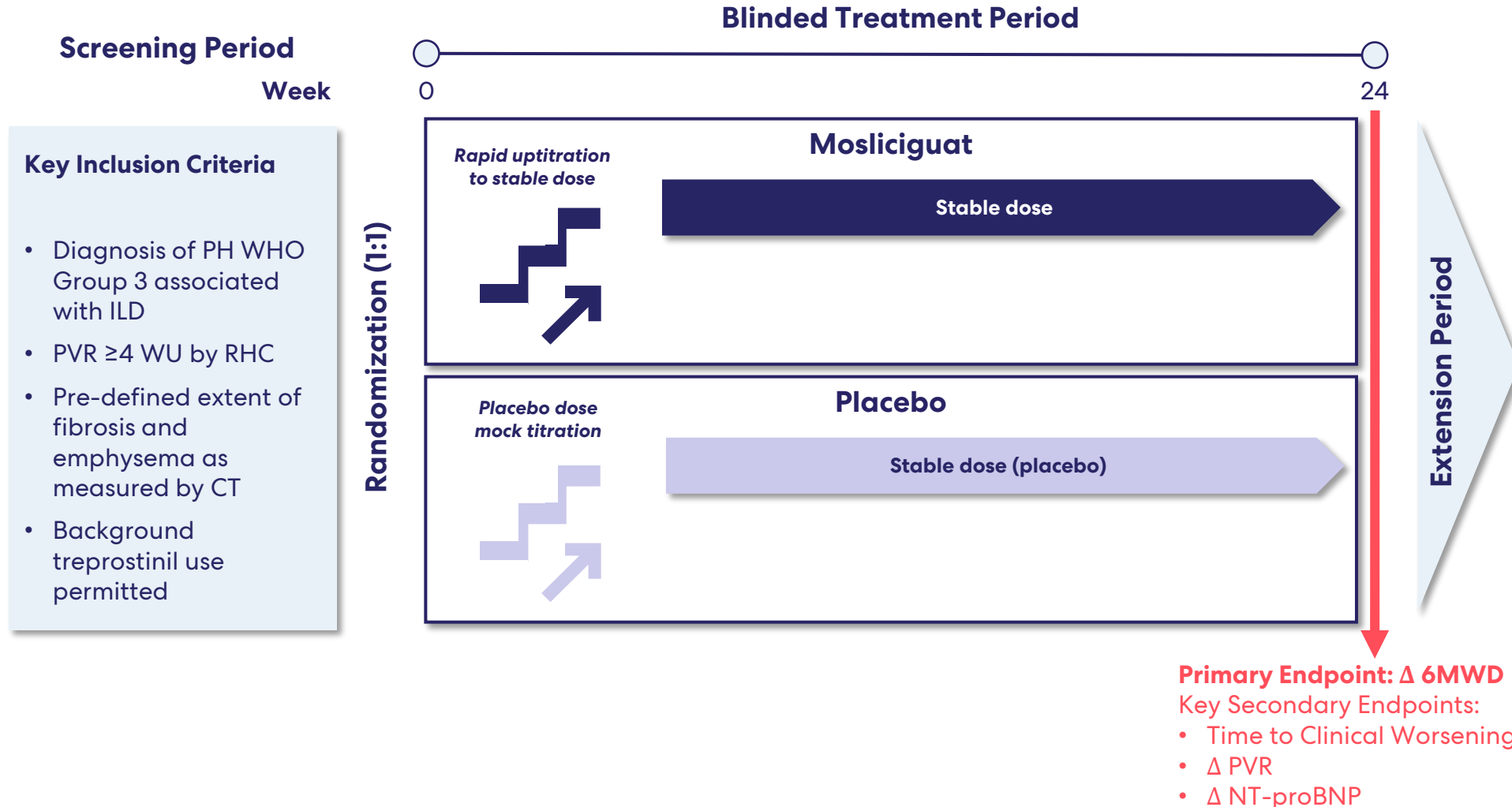
Introducing PHrontier: The Path Forward

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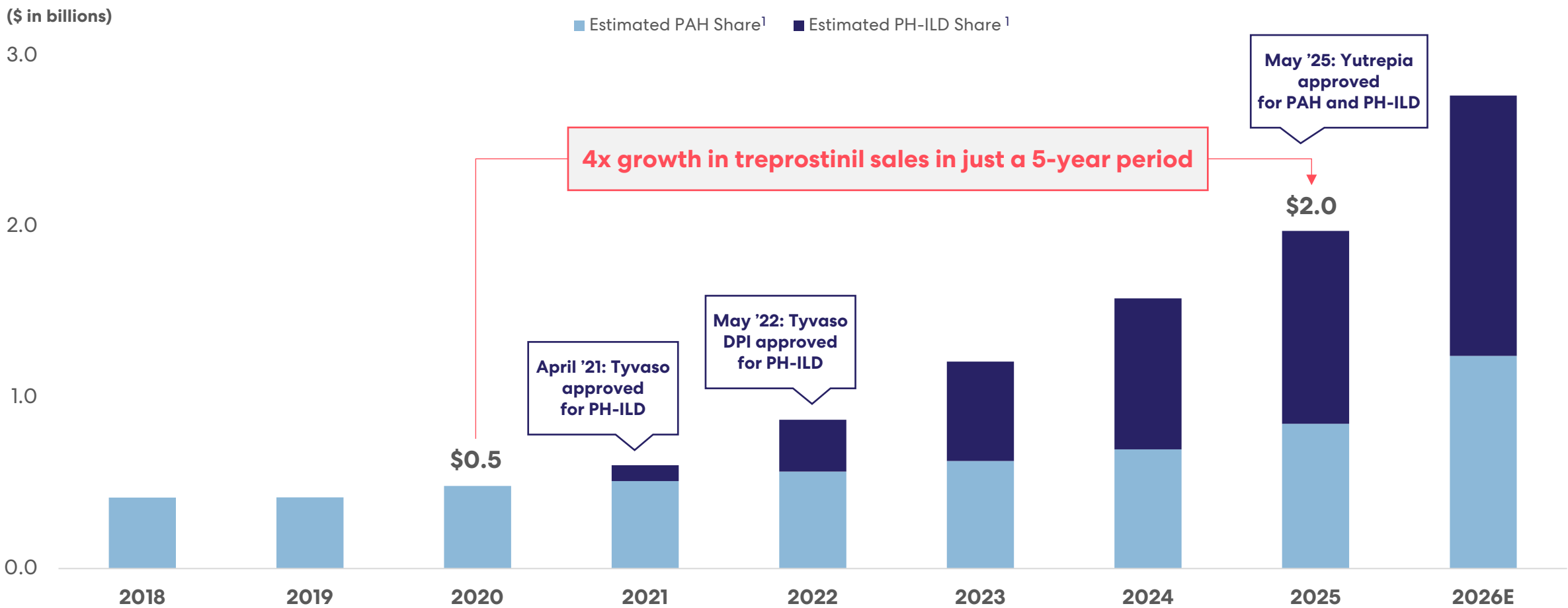
Phase 3 PHrontier Study Is Underway And Actively Screening

Double-blinded, multi-center, global trial in N = ~375 PH-ILD patients

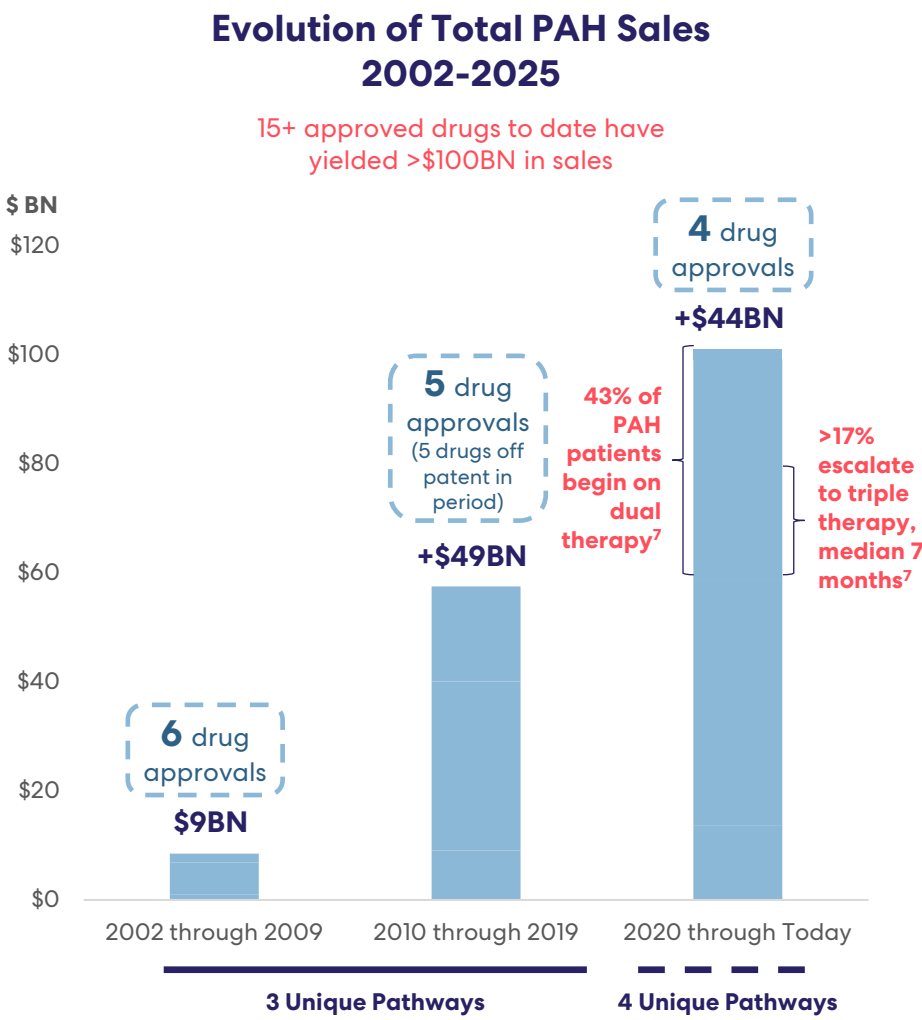
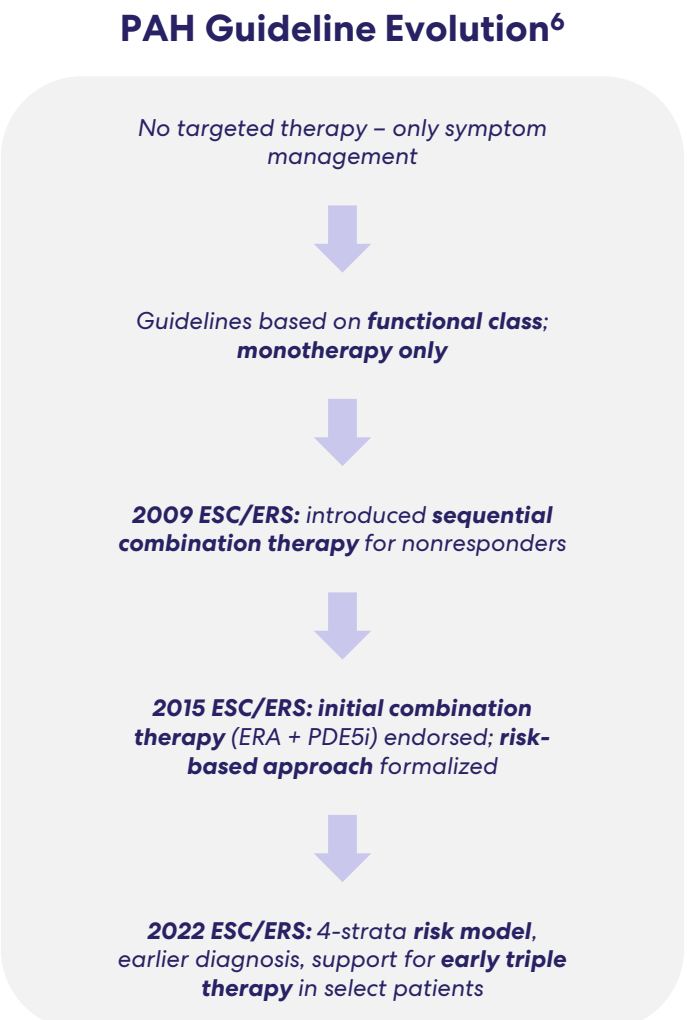
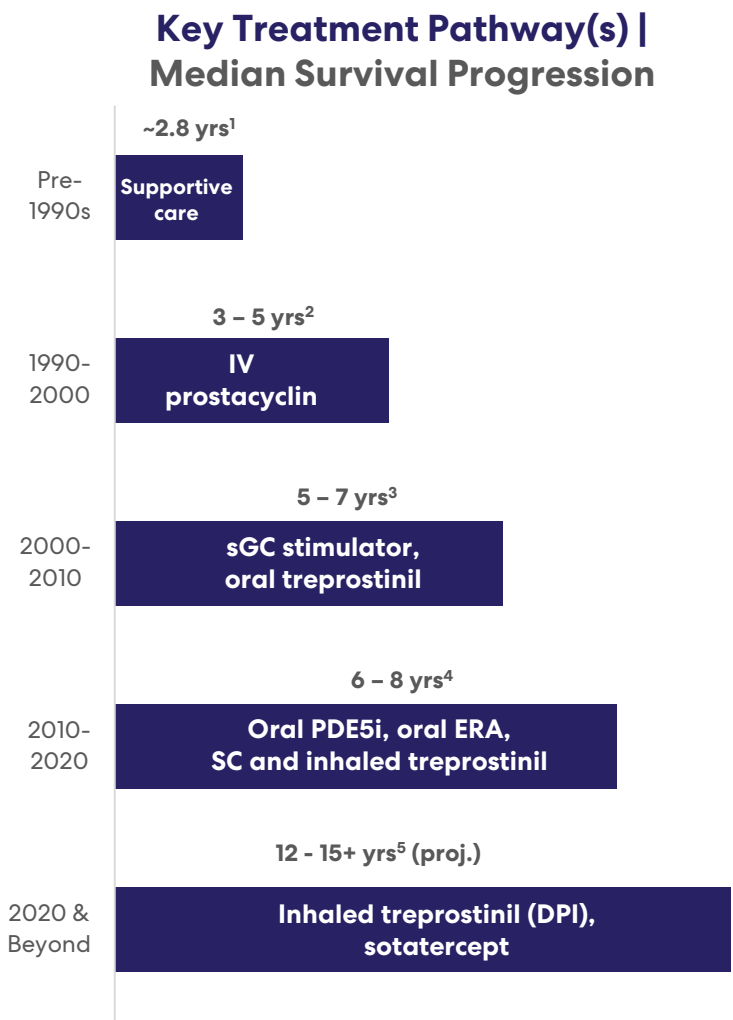


Rapid Growth in Treprostinil Sales Since First PH-ILD Approval Illustrates Clear Unmet Need, Yet PH-ILD Treatment Domain Remains in its Infancy

Blockbuster annual sales run rate already achieved in PH-ILD with only <20% market penetration^{1,2}



Evolution of Pulmonary Arterial Hypertension (PAH) Treatment Paradigm Represents a Likely Path for PH-ILD Market Development



1. D'Alonzo et al., Ann Intern Med (1991)
2. Sitbon et al., JACC (2002)
3. Benza et al., Chest (2012)
4. Hendriks et al., Pulm Circ (2022)
5. Alsumali et al., Adv Ther (2025)
6. ESC/ERS Guidelines from 2009 – 2022

7. Muller et al., Adv Ther (2024)

Key Highlights: Mosliciguat PHocus Trial in PH-ILD



Primary endpoint: -56.3% placebo-adjusted PVR reduction at week 16 ($p < 0.0001$), the highest-ever PVR reduction shown in a randomized controlled study of any type of pulmonary hypertension



Statistically significant and clinically meaningful +35.2 meters placebo-adjusted increase in 6MWD at Week 16 ($p = 0.0027$), further improving to +52.7 meters at Week 24 ($p < 0.0001^a$)



Mosliciguat was well-tolerated with incidence of cough lower than placebo (12.1% mosliciguat vs. 18.2% placebo)

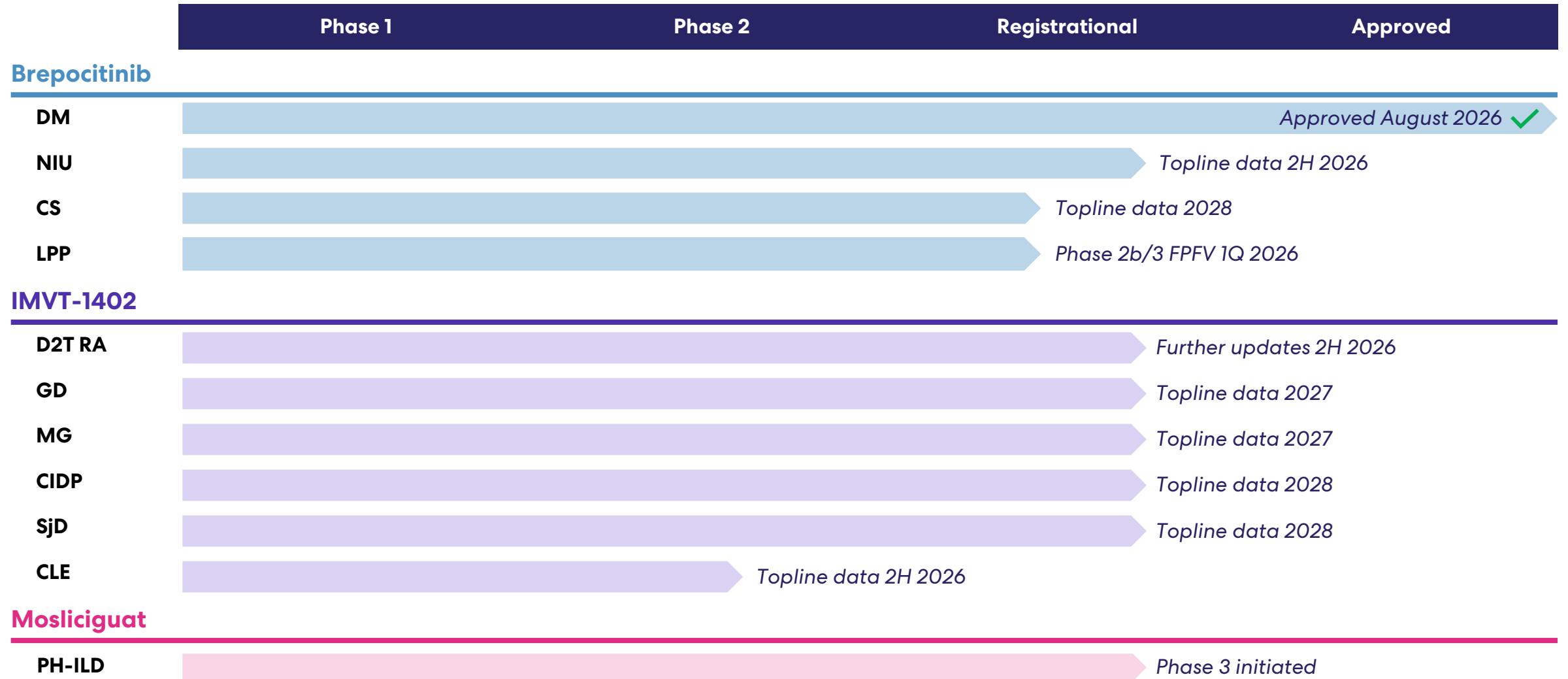


All results were achieved with convenient, one breath per day dosing



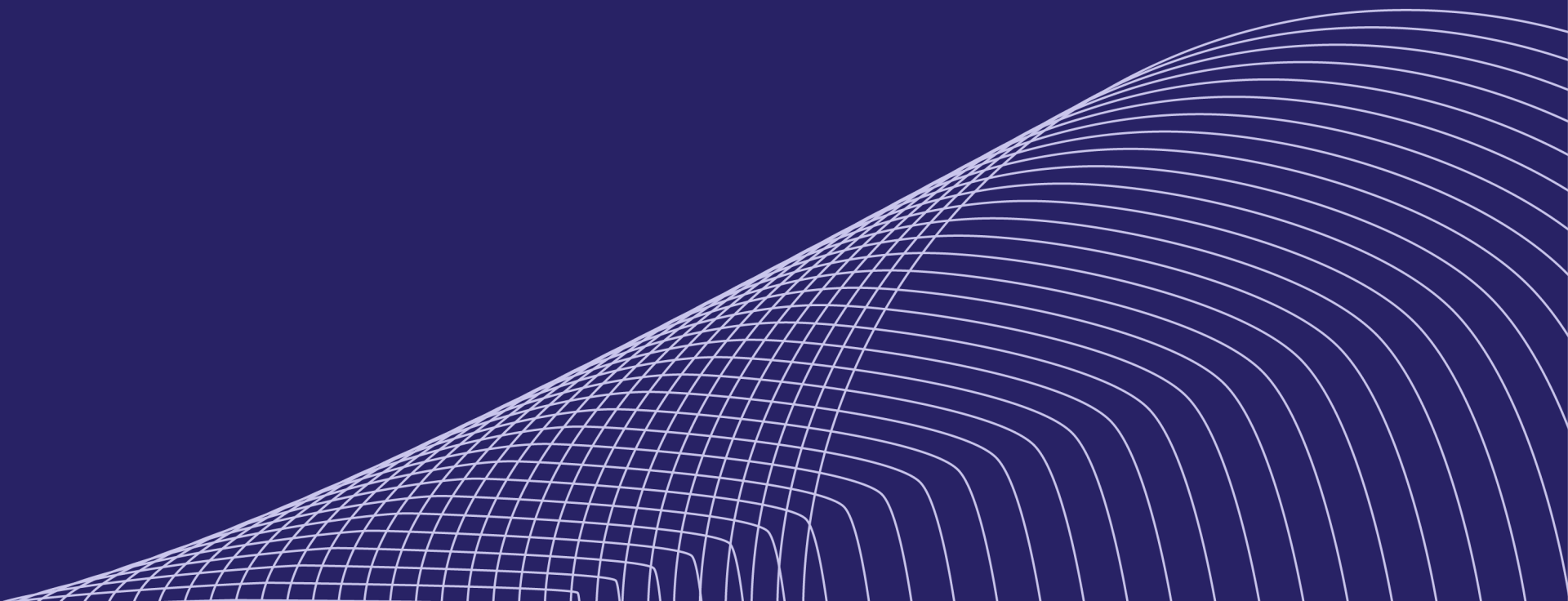
Phase 3 PHrontier program in PH-ILD already underway

High-Value Pipeline, With More to Come Before Year End



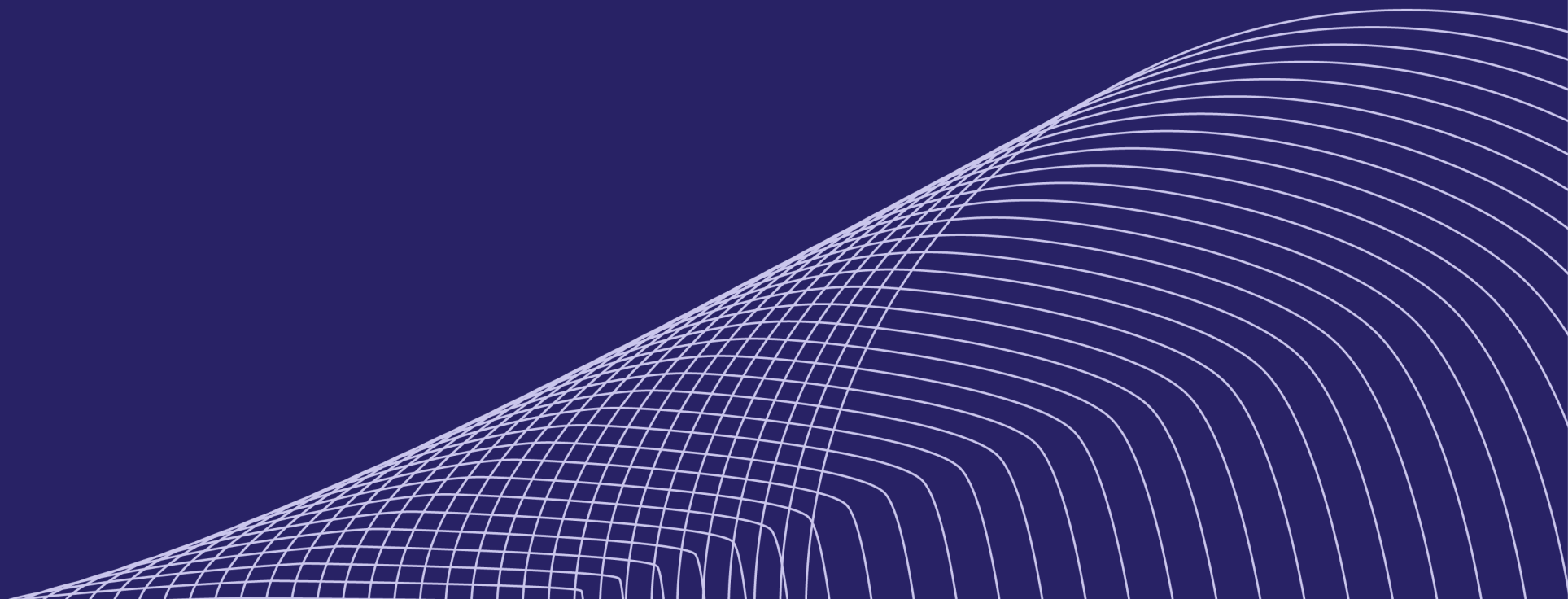
Q&A

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Appendix

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Pulmovant: Other Details

Ownership

ROIV owns 97%¹ of Pulmovant

Geographic Rights

Pulmovant holds worldwide commercial rights to mosliciguat

Intellectual Property

We expect mosliciguat to have US exclusivity until the mid-2040s²

Milestones

Pulmovant is obligated to pay Bayer development, regulatory and net sales milestones, up to an aggregate \$280M

Royalties

Pulmovant is obligated to pay Bayer tiered high-single-digit royalties on annual net sales