























WHO Category	Estimated US prevalence (n)	Pubmed citations* (n)	Google hits** (n)	Clinical trials [†] (n)*	
				Completed (N=330)	Ongoing (n=194)
Group I (PAH)	4,665	36,629 (6,134)	1.18 million (586,000)	140 (42%)	58 (30%)
Group II (PVH)	millions	4,724	64,900	8 (2%)	28 (14%)
Group III (PH due to ↓O₂)	>200,000	5,186	355,000	74 (22%)	34 (17%)
Group IV (chronic PE)	90,000	3,129	38,100	33 (10%)	5 (3%)















































Lung Disease with Severe PH

- · Represents a minority of chronic lung disease patients suspected to have severe vascular abnormalities
- Circulatory impairment is primary driver of reduced exercise capacity rather than the ventilatory impairment related to the lung disease

Ventilatory and Cardiocirculatory Exercise Profiles in COPD The Role of Pulmonary Hypertension

Impact of pulmonary hemodynamics on 6-min walk test in idiopathic pulmonary fibrosis Omar A. Ninai ^{(A), a}, Jose F. Santacruz ^a, Joan M. Alster ^c, Marie M. Budev ^{A,b}, K. McCarthy ^a

rt G. Boerrigter, MD; Harna J. Bognard, MD, PhD; Pia Trip, MD; rmam Groepenhoff, MSc. Helcen Rietenus, MD; Schautian Holcerda, PhD; co Boontra, MD, PhD; Pieter E. Partsmas, MD, PhD, FCCF; sv Westerhof, PhD; and Anton Vonk-Noordegraaf, MD, PhD, FCCP Bart G. B Herman C Anco Boo Nico West



Seeger W, et al. *J Am Coll Cardiol.* 2013;62(25 Suppl):D109-16. Boerrigter BG, et al. *CHEST*. 2012;142:1166-74. Minai OA, et al. *Respir Med.* 2012;106:1613-21.

Conclusions

Pulmonary hypertension is a complex comorbid condition with many faces and therefore many potential treatment pathways.

- Hemodynamic distinctions (need for right heart catheterization) ٠
- Pathologic distinctions (driving the question "where is the lesion") Treatment distinctions (not all PH benefits from PH drugs) •
- •

Data to guide decision-making outside of WHO Group 1 PAH and CTEPH are limited. We need to better understand....

- how it develops? •
 - how the different faces effect patients?
- does intervention actually effect outcomes?

