

Burden of Illness in Patients with Pulmonary Hypertension due to Interstitial Lung Disease: A Real-World Analysis using US Claims Data

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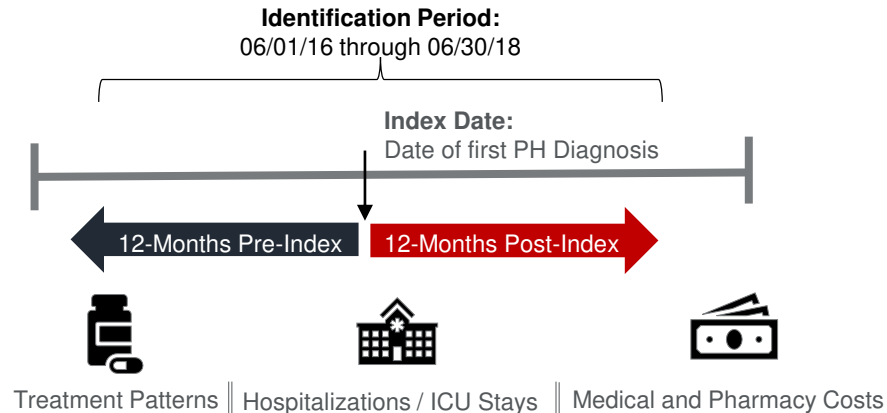
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Purpose and Methods

- Pulmonary hypertension due to interstitial lung disease (PH-ILD) progresses rapidly and is associated with poor survival, quality of life, and outcomes
- The **purpose** of this study was to characterize real-world healthcare resource utilization and costs associated with PH-ILD

Data source: IBM MarketScan Commercial and Medicare Supplemental



Inclusion Criteria

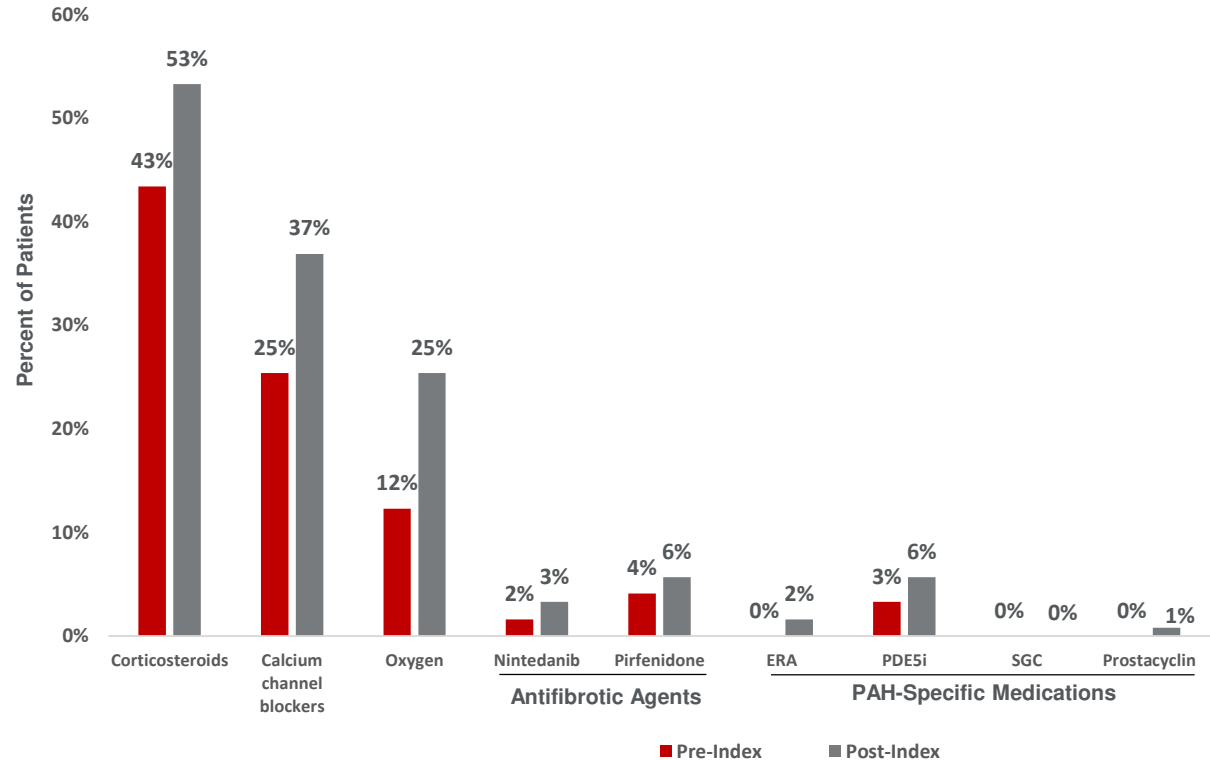
- Aged ≥18 years old at index
- ≥1 medical claim for ILD in the 12-month pre-index
- Continuous health plan enrollment 12-months pre-index
- Continuous health plan enrollment 12-months post-index

Exclusion Criteria

- ≥1 medical claim for PH prior to ILD diagnosis
- ≥1 medical claim with diagnosis for other non-ILD Group 3 PH conditions
- ≥1 medical claim with diagnosis for Group 2, 4, or 5 PH conditions
- Only 1 outpatient or 2 outpatient claims <30 days apart for PH

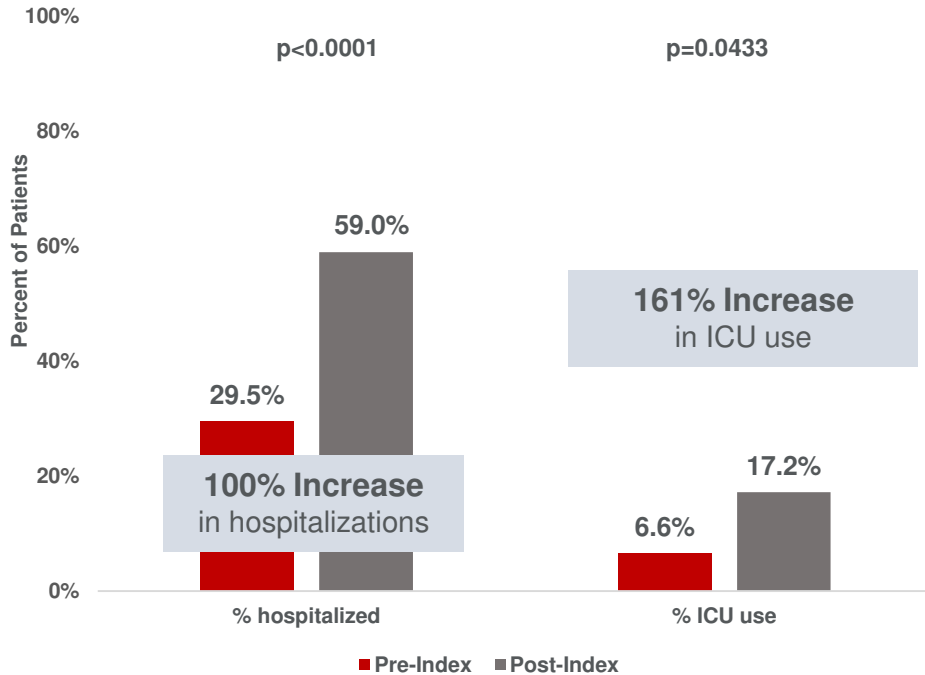
Baseline Characteristics / Treatment Patterns

Characteristic	PH-ILD N=122	
Age-Group, mean (SD)	63.7	16.6
Males, n (%)	43	35.5%
Geographic Region, n (%)		
Northeast	30	24.6%
North Central	31	25.4%
South	39	32.0%
West	22	18.0%
Payer Type, n (%)		
Commercial	67	54.9%
Medicare Supplemental	55	45.1%
Index Year, n (%)		
2016	49	40.2%
2017	53	43.4%
2018	20	16.4%
CCI, Mean (SD)	3.2	(1.9)
CCI Categories, n (%)		
0=low	0	0.0%
1	23	18.9%
2	29	23.8%
≥3	70	57.4%

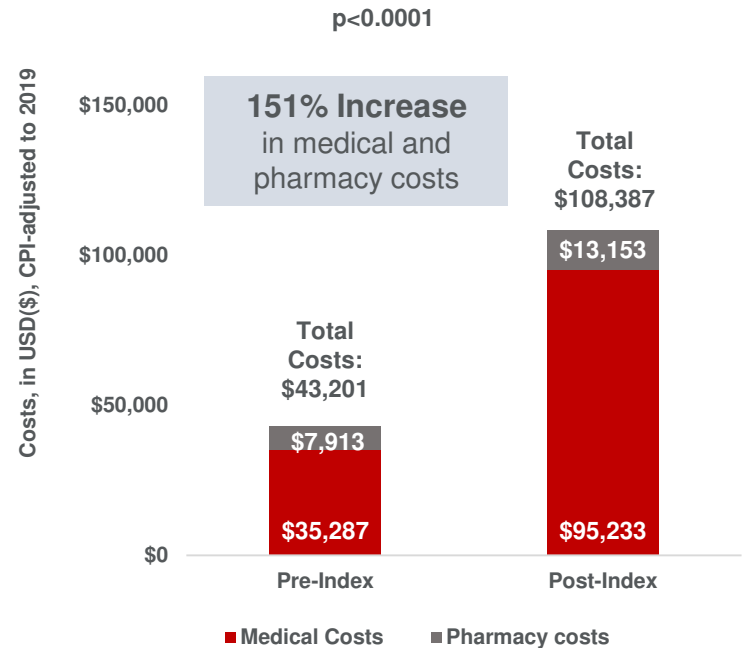


Pre- vs Post-Index Healthcare Resource Utilization and Costs

Percent of Patients Receiving Hospital or ICU Care in the 12-months pre- vs post-Index



All-Cause Total Healthcare Costs in the 12-month pre- vs post-index



Conclusions / Clinical Implications

- Following initial diagnosis of PH due to ILD, patients have significantly increased utilization of healthcare resources, including inpatient admissions.
- Healthcare costs significantly increase after diagnosis of PH-ILD, largely driven by medical costs.
- Timely management and treatment of PH-ILD is needed to mitigate the clinical and economic consequences of disease progression.