

# AACVPR Pulmonary Rehabilitation Outpatient Registry Enhancements – Now Live

## What the Enhancements Mean for Your Program

Pulmonary Rehabilitation (PR) Registry Clinical Enhancements have been selected based on requests of registry users and recommendations from international PR experts. These are designed to enhance the registry user's ability to capture and report impairment in ventilation, symptoms, physical activity and healthcare utilization, and the impact of PR on these important outcomes.

### **Data Set Enhancements**

Several new **pulmonary function data sets** will allow users greater capture and reporting of the pulmonary impact of lung disease and hyperinflation including:

- Total lung capacity % predicted (TLC): The total volume of air in the lungs during maximal inspiration.\*
- Residual volume (RV) % predicted: The volume of air in the lungs after maximal expiration.\*
- Ratio of residual volume to total lung capacity (RV/TLC % predicted)\*
- Ratio of inspiratory capacity to total lung capacity IC/TLC % predicted \*

\* The percent (%) predicted is calculated based on the subjects age, height, gender, and race (usually based on linear regression equations).

**Dyspnea measurement:** The [Baseline Dyspnea Index / Transitional Dyspnea Index \(BDI/TDI\)](#) offers a well validated tool for measuring dyspnea in chronic lung disease

**Psychosocial measurement:** The [Beck Depression Inventory II](#) is a well validated, easy to use measure for depression evaluation

**Healthcare utilization:** Measure of 30 day readmission for COPD: This is defined an admission for any reason within 30 days following an admission for COPD regardless of the cause or location of the readmission. This is a key Medicare Readmission Reduction measure that will impact hospital reimbursement. <http://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/AcuteInpatientPPS/Readmissions-Reduction-Program.html>

**Physical activity:** [Report patient steps per day](#) based on pedometer, accelerometer or self-report.

### **New Performance Report**

The new Performance Report is the flagship of the registry's reporting features. The Performance Report displays quarterly results of how your program stacks up in several key Pulmonary Rehabilitation outcome measures. You can compare your program's results to programs in your state, programs of like-size, or programs in the entire registry. You'll also see each measure's "**Completion Index**", an indicator of how complete your patient records are when calculating the performance measure. This

report will be a valuable tool in helping you monitor your program's outcomes for quality assurance or when making performance improvements.

### **Additional Reporting Enhancements**

In all, we've made improvements to the reports that will allow you to more easily understand the information provided and to better monitor your patients' outcomes and your program's performance.

- We made improvements to the **formatting** of each report in the Registry and have provided an option to **view each report** as an Adobe PDF document for you to print or save for future use. The reports are formatted for black and white printers and are easily identified by the AACVPR registry logo.
- You now have the option of turning the change indicators on or off in the Individual Patient Report to highlight improvements the patient has made.
- The Program Outcomes and Comparison Reports have been improved for better readability.
- There will be no colors used to note change in pulmonary function, oxygen use or changes in BMI between 21-25. Increases and decreases will only be identified by directional arrows.

### **Snapshot Stats**

We have also added a new "**Snapshot Stats**" section on your program's home page. Snapshot Stats allow you to quickly see selected demographic and clinical statistics for your patient population.

### **New, Improved "Data Mining"**

The Registry now includes a quicker and easier way for you to selectively query a set of patient records to be extracted. The Basic Data Extraction utility allows you to create custom filters on your entire set of registry records. And unlike the Advanced Data Extraction method, this type of extraction will always present the complete set of data – including all data fields – for each patient record in your filter criteria. Once you've created your query, you can immediately download the data in an Excel file to perform further analyses.