Typical Spirogram patterns ranging from normal limits to severe restriction.

**Normal Spirometry**
Note the sharp initial peak flow, then relatively straight descent at about 45 degrees to the baseline. All of the parameters are within normal limits.

**Mild Obstruction**
The FEV1/FVC% predicted is abnormal, indicating obstruction. The severity of the obstruction is mild as judged by the FEV1, which is 62% of the predicted. Mild obstruction occurs gradually over many years.

**Moderate Obstruction**
The FEV1/FVC% predicted is abnormal, indicating obstruction. The FEV1 % prediction is 83% indicating the obstruction is moderate in severity. Note the concave shape of the flow volume curve with low flows after the initial peak flow.

**Severe Obstruction**
Severe obstruction with a low vital capacity. All of the parameters are abnormal. Low flows after the initial peak flow. The FVC is abnormally low (44%).

For your protection, all of Welch Allyn Spirometers use disposable flow transducers that minimize the risk of cross contamination.

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This flowchart follows The American Thoracic Society Example For Interpretation.