Lung Age Calculation Definition

The information in this Tech Note applies to:
• Calculating lung age when using Office Medic or Pocket Medic

Lung age is calculated for patients 20-84 years old. *Lung age is equal to the predicted FEV1 that matches the patient's actual FEV1.

For example:
Predicted equation: Crapo
Patient demographics: Height: 5ft 10in
                  Age: 46 years
                  Gender: Male
                  Race: Caucasian
Actual FEV1: 4.49L
Predicted FEV1: 4.05L

Patient's Lung Age: 28 years

Based on Crapo's predicted equation, the patient's actual FEV1 (4.49L) is equal to the predicted FEV1 of a 28 year old. Therefore, the patient's lung age is 28 years old.

Note - lung age may differ based on the predicted equation chosen.


Note - lung age may change based on the predicted equation chosen. An FEV1 value in one predicted equation may not necessarily be the same when using another predicted equation.

IMPORTANT - Lung age is calculated for patients between 20-84 years old. If anyone falls out side this age range then the Lung Age will not be
calculated. Also if anyone's calculated Lung Age falls outside of 20-84 yrs old then a Lung Age will not be displayed by the software.