



**Keywords:** Chronic obstructive pulmonary disease; COPD; Pulmonary fibrosis; Lead-acid battery

**Introduction**

There are four main types of lead-acid batteries: flooded, sealed, maintenance-free, and gel. Deep discharge is a common problem for flooded lead-acid batteries. Quality control is a key factor in the production of lead-acid batteries. Each day, a large number of flooded lead-acid batteries are produced. The quality of the products is directly related to the safety of the products. If the quality of the products is poor, it will lead to a large number of accidents. Therefore, it is necessary to improve the quality of the products. The following are some measures to improve the quality of the products [1,2].

**Methods**

Chronic obstructive pulmonary disease (COPD) is a common respiratory disease. It is characterized by persistent and progressive airflow limitation. The main cause of COPD is cigarette smoking. Other factors include air pollution, occupational dust, and genetic factors. COPD is a leading cause of death and disability worldwide. The diagnosis of COPD is based on a combination of clinical history, physical examination, and pulmonary function tests. The treatment of COPD includes smoking cessation, inhaled corticosteroids, and long-acting beta2-agonists. The prognosis of COPD is poor, and it is a leading cause of death and disability worldwide. The following are some measures to improve the quality of the products [1,2].

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a d . . . . . a . . . . . e a b . . . . . a . . . . . c a . . . . . e . . . . . a . . . . . a g e . . . . . v . . . . . a d . . . . . e