

# Psychological impact of pulmonary hypertension on patients and caregivers.

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## Introduction

Pulmonary hypertension (PH) is a rare and chronic lung disease that affects the blood vessels in the lungs. The condition is characterized by increased pressure in the pulmonary arteries, which can lead to symptoms such as shortness of breath, chest pain, and fatigue. PH can have a significant psychological impact on patients and their caregivers, as the condition can be emotionally and mentally taxing. Patients with PH may experience a range of psychological symptoms, including anxiety, depression, and feelings of isolation. The physical symptoms of PH, such as shortness of breath, can make it difficult for patients to engage in normal activities and can lead to feelings of frustration and helplessness. Patients may also experience a sense of loss or grief over the changes in their lives brought on by their condition [1].

Anxiety is a common psychological symptom in patients with PH. Patients may feel anxious about their condition and the uncertainty surrounding their prognosis. They may also worry about the financial burden of treatment and the impact that their condition may have on their family and loved ones. Anxiety can lead to a range of physical symptoms, including increased heart rate, rapid breathing, and sweating. These symptoms can be distressing for patients and can make it difficult for them to manage their condition. Depression is another common psychological symptom in patients with PH. The physical and emotional burden of the condition can lead to feelings of sadness, hopelessness, and despair. Patients may also experience a loss of interest in activities they once enjoyed and may withdraw from social situations. Depression can also impact a patient's ability to manage their condition, as it can lead to a lack of motivation and energy [2].

Isolation is another psychological symptom that can affect patients with PH. The condition can be isolating, as patients may need to limit their physical activities and may feel self-conscious about their symptoms. Patients may also struggle with feelings of loneliness, as they may feel that others do not understand what they are going through. Caregivers of patients with PH may also experience a range of psychological symptoms, including anxiety, depression, and feelings of helplessness. Caregivers may feel overwhelmed by the demands of caring for a loved one with a chronic condition. They may also worry about the impact that the condition is

having on their loved one's quality of life and may feel guilty if they are unable to provide the support that they feel is needed. Caregivers may also struggle with feelings of isolation, as they may have to limit their social activities in order to care for their loved one. They may also feel that they are not receiving the support that they need, either from healthcare professionals or from family and friends [3].

The psychological impact of PH on patients and caregivers can have a significant impact on their quality of life. Patients may struggle to manage their condition if they are experiencing psychological symptoms, which can lead to a worsening of their physical symptoms. Caregivers may also struggle to provide the necessary support if they are experiencing psychological symptoms. It is important for patients and caregivers to receive support for their psychological symptoms. This may include counseling or therapy, which can help patients and caregivers to manage their symptoms and develop coping strategies. Support groups can also be helpful, as they provide a sense of community and understanding for patients and caregivers [4].

Healthcare professionals can also play an important role in supporting the psychological well-being of patients and caregivers. This may include screening for psychological symptoms and providing referrals to mental health professionals as needed. Healthcare professionals can also provide education and support to help patients and caregivers manage their condition.

In conclusion, pulmonary hypertension can have a significant psychological impact on patients and their caregivers. Patients may experience anxiety, depression, and feelings of isolation, while caregivers may experience similar symptoms as they care for their loved one. It is important for patients and caregivers to receive support for their psychological symptoms in order to improve their quality of life and ability to manage the physical demands of the condition. Healthcare professionals can play a key role in providing support and resources to help patients and caregivers manage their psychological well-being [5].

It is also important for patients and caregivers to prioritize self-care and to engage in activities that promote well-being. This may include physical exercise, relaxation techniques, and engaging in social activities. Patients and caregivers should also communicate openly with each other and with healthcare professionals about their feelings and concerns, as this can help

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to reduce feelings of isolation and improve coping strategies. Finally, raising awareness about pulmonary hypertension and the psychological impact of the condition is crucial. By increasing public awareness, patients and caregivers may feel less isolated and more supported. Additionally, increased awareness may help to reduce stigma surrounding mental health and encourage patients and caregivers to seek the support that they need.

In summary, pulmonary hypertension can have a significant psychological impact on patients and their caregivers. Anxiety, depression, and feelings of isolation are common among those affected by the condition. It is important for patients and caregivers to receive support and resources to manage their psychological symptoms, including counseling, support groups, and education from healthcare professionals. By prioritizing self-care, communicating openly, and raising awareness about the condition, patients and caregivers can improve their psychological well-being and overall quality of life.

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