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*The International Respiratory Coalition is coordinated by the European Respiratory Society, in partnership with founding member organisations: the Global Allergy & Airways Patient Platform, AstraZeneca and Amgen. Now established, the International Respiratory Coalition will seek to grow its membership – welcoming other organisations with an interest in respiratory health to join and help progress this initiative. Each partner will provide funding or contributions of time and expertise to deliver the aims of the Coalition at a global or national level.*

### **Improving chronic respiratory care is central to building more resilient healthcare systems**

The emergence of COVID-19 has put respiratory diseases in the spotlight like never before, exacerbating existing gaps in the delivery of care with significant consequences for patients and health systems.<sup>1</sup>

Prior to the pandemic, progress to improve chronic respiratory diseases care was slow, and in some countries had stagnated over the past decade.<sup>2</sup> To support people living with chronic respiratory diseases, and to better ready ourselves in case of future pandemics, improving respiratory care must be central to government and healthcare system post-pandemic recovery plans. High-level political prioritisation and intervention will be key to achieving this.

The International Respiratory Coalition aims to support governments and healthcare systems in their recovery from COVID-19 by strengthening respiratory care. The Coalition will seek to improve outcomes for people living with respiratory diseases including asthma, chronic obstructive pulmonary disease (COPD), cystic fibrosis, bronchiectasis, idiopathic pulmonary fibrosis and pulmonary arterial hypertension, by supporting the creation of ambitious national-level respiratory strategies and by building resilience in managing pandemics.

Ahead of World COPD Day on 17 November, the Coalition will join a Summit session organised at the Swedish Pavilion by AstraZeneca at Expo 2020 Dubai, to raise awareness amongst policymakers and political decision makers from around the world of the need to reform chronic respiratory care as a post-pandemic priority.

### **Urgent Unmet Needs: The Burden of Chronic Respiratory Diseases**

Chronic respiratory diseases, which impair quality of life and increase a patient's likelihood of developing other serious conditions, affect nearly 550 million people globally<sup>3</sup> and lead to four million premature deaths each year.<sup>4</sup>

Among all chronic respiratory conditions, the largest burden is from COPD affecting 384 million people worldwide and asthma affecting over 339 million people worldwide.<sup>5-7</sup> COPD has risen to become the third leading cause of death worldwide<sup>8</sup> and according to The Global Alliance Against Chronic Respiratory Diseases is under prioritised, under-funded and undertreated.<sup>9</sup> One in 5 patients die within a year of their first COPD hospitalisation<sup>10</sup> and the global cost of COPD is estimated to rise to \$4.8 trillion in 2030.<sup>11</sup> For the hundreds of millions of patients living with asthma, significant unmet needs remain with an estimated 176 million asthma attacks that occur each year globally.<sup>12</sup> Despite this, respiratory conditions do not receive the same global recognition and prioritisation as other well-known chronic conditions.<sup>13</sup>

Recently, the burden of chronic respiratory diseases has increased as a result of health inequalities, environmental factors, and growing and aging populations, which threaten health-system resilience in the face of external challenges like the COVID-19 pandemic.<sup>14</sup>

Millions of people living with airway diseases have faced disruption in their treatment and routine due to strained hospital capacity, inability to attend health appointments during lockdowns.<sup>1</sup> For example, during the pandemic, patients with chronic respiratory diseases that contracted COVID-19 were shown to be at greater risk of hospitalisation.<sup>14</sup> Furthermore, many health systems were unable to pivot quickly to new remote models of care and effectively use telemedicine to contact and diagnose patients remotely,<sup>15</sup> all the while high-risk chronic respiratory patients were having to isolate more urgently than the average citizen.<sup>14</sup>

## **Building Stronger Healthcare Systems through Improved Respiratory Health**

As organisations and individuals with a common interest in improving outcomes for respiratory patients, we want to ensure current challenges are addressed now and remain a priority going forward.

The Coalition believes new or updated National Respiratory Strategies, which carry ambitious targets and accountable leadership will be key to this reform. By focusing on increasing prevention and supporting earlier diagnosis, to improving pathways, prioritising disease control and ensuring continuity of care there is an immense opportunity to transform respiratory health.

Change won't happen on its own. The respiratory community must come together and speak as a single, consistent voice to motivate policymakers and Health Ministers to promote respiratory healthcare reform. The conversations at World Expo 2020 will be critical in advancing our mission for respiratory care reform but it will be important to maintain these at the local and regional level. Not only will it benefit our long-affected, current chronic respiratory disease patients, it will prepare us, our colleagues and wider society to better handle potential future challenges which may arise, like the COVID-19 pandemic.

The International Respiratory Coalition is open to all who share its vision of advancing respiratory care. We're excited to see what the future holds for us, and most importantly, for our patients.

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