

Special Issue on
Cardiovascular and Pulmonary Comorbidities

CALL FOR PAPERS

Concomitant diseases are frequent in patients with pulmonary disease and considerably influence morbidity and mortality. Cardiovascular comorbidities show the highest prevalence. Rather than being simply attributed to shared risk factors such as cigarette smoking, this coincidence is increasingly seen in the context of a “cardiopulmonary continuum.” However, current guidelines are still mostly restricted to the management of the individual respiratory or cardiac disease. In patients with coronary heart disease (CHD) or heart failure, medication is often withheld when concomitant ventilation disorders such as chronic obstructive pulmonary disease (COPD) or bronchial asthma are present. Overlapping symptoms such as dyspnea and chest pain in CHD or heart failure further introduce difficulties while requiring additional diagnostic work-up including lung function testing. Likewise, patients with interstitial lung disease (ILD) or vascular diseases such as pulmonary arterial hypertension and pulmonary embolism subsequently develop heart failure affecting small airways. These are easily missed by commonly used spirometry. Therefore, future diagnostic and therapeutic strategies should be guided by an integrative perspective as well as a refined phenotyping of cardiac and pulmonary disease entities.

This issue is of special importance for different specialties, such as respiratory medicine, cardiology, radiology, critical care, and internal and laboratory medicine. Therefore, we invite investigators to contribute original research as well as review articles seeking to address a variety of diagnostic and therapeutic challenges.

Potential topics include but are not limited to the following:

- ▶ Diagnostic concepts of concomitant cardiovascular and pulmonary disease
- ▶ Cardiac effects of bronchodilator therapy
- ▶ Pulmonary effects of beta blocker and statin therapy
- ▶ Systemic inflammation in CHD, heart failure, and COPD and therapeutic consequences
- ▶ Preventive strategies and early detection for subclinical concomitant COPD and CHD

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/crp/cpc/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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