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Nota di contenuto	Part 1 Concept of Asthma COPD overlap -- 1 Concept of Asthma COPD overlap - Japanese guideline and global trends. How was the concept of Asthma COPD overlap developed and moving forward? -- 2 Concept of treatable traits and ACO (2): Can treatable traits approach be applied into practice? -- Part 2 Epidemiology and Prognosis -- 3 Epidemiology of ACO from global data: Does the prevalence of ACO vary among global analyses? -- 4 Epidemiology of ACO defined by the JRS guidelines. What is the prevalence of ACO in Japan? -- 5 Prognosis and characteristics of ACO: What are the specific characteristics of ACO?- 6 Prognosis of COPD with asthma-like features and ACO: Is the prognosis of COPD and ACO different? -- 7 Causes of death in patients with asthma-chronic obstructive pulmonary disease overlap: Is there any

difference compared to asthma? -- Part 3 Pathophysiology of ACO -- 8 Inflammatory phenotypes and potential bio-markers of ACO. What is the specific feature of ACO? -- 9 Role of Nitrosative stress: What is the potential clinical implication? -- 10 Radiographic features of ACO. How the feature is applied into practice? -- 11 Pulmonary Function of ACO: What is the role of the forced oscillation technique? -- 12 Underlying mechanism suggested by the ACO model. What is the lesson learned from the model? -- Part 4 Diagnosis of ACO -- 13 Comparison of diagnostic criteria of ACO: What is the point of difference? -- 14 Role of FeNO - How can FeNO be positioned in practice? -- 15 Role of IgE and Eosinophils: The use of type 2 biomarkers in practice -- 16 Rhinosinusitis in ACO: What is the implication of nasal comorbidity? -- Part 5 Treatment -- 17 Current evidence of treatment for asthma-COPD overlap (ACO): Is there emerging evidence of optimal therapy? -- 18 Potential treatment options for ACO, including biologics: Are there any roles of biologics?.

Sommario/riassunto

This book elucidates the diagnostic criteria and concept of asthma-COPD overlap (ACO) and provides the latest information on its epidemiology, pathophysiology, diagnostic criteria, and treatment options. It discusses the controversy-causing findings of prognosis of ACO, the novel molecular mechanism including nitrosative stress, radiological or physiological features, findings by research that used HRCT or forced oscillation technique. In addition to a recent animal model of ACO, the role of each biomarker, the latest results of ICS/LAMA/LABA combination inhalers or biologics is also debated. Asthma COPD Overlap -Updated Concept, Pathophysiology, Diagnosis, and Treatment is addressed not only to beginners, but also to physicians engaged in clinical practice, supervisors, and many basic researchers. Covering every aspect of ACO, it serves readers to improve diagnosis or treatment for patients with ACO.
