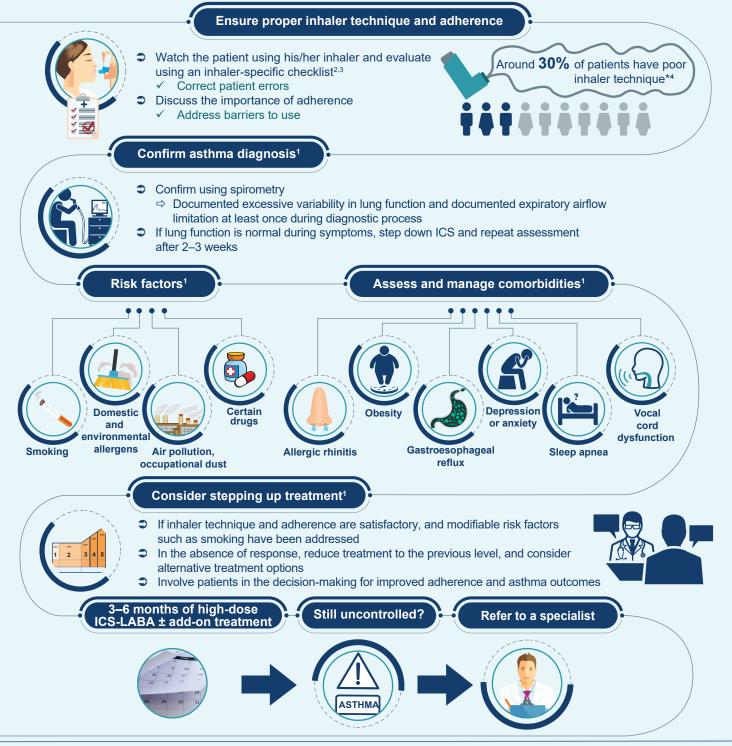
WORKUP AND MANAGEMENT OF SEVERE OR UNCONTROLLED



Severe or Uncontrolled Asthma

- Severe asthma: asthma that remains "uncontrolled" despite optimized treatment with high-dose ICS-LABA, or that requires high-dose ICS-LABA to prevent it from becoming "uncontrolled"
- Patients do not achieve control over symptoms such as wheezing, chest tightness, shortness of breath, and cough¹
- Diagnosis of severe asthma should be considered when it remains uncontrolled despite¹:
- 1. Optimized treatment (inhaler technique, adherence, etc.)
- 2. Treatment of comorbidities and modifiable risk factors
- 3. Treatment with non-biologic add-on therapy
- 4. Non-pharmacologic interventions e.g. smoking cessation
- 5. Treatment with high-dose ICS-LABA

Assessment of patients with poor symptom control/exacerbation despite treatment¹



*The systematic review included patients with asthma and COPD

 ICS, inhaled corticosteriols, LABA, long-acting p₂-agonist; LAMA, long-acting muscarinic antagonist.
Global Initiative for Asthma (GINA). Global Strategy for Asthma Management and Prevention, 2021. Available at: https://ginasthma.org/. Accessed May 21, 2021; 2. Inhaler technique. Device-specific checklists. National Asthma Council Australia. Available at: https://www.nationalasthma.org.au/living-with-asthma/resources/health-professionals/charts/inhaler-technique-checklists. Accessed May 21, 2021; 3. NHS Liverpool Clinical Commissioning Group-inhaler technique checklist. Available at: http://psnc.org.uk/liverpool-lpc/wp-content/uploads/sites/117/2016/06/Inhaler_Technique_Checklist.pdf. Accessed May 21, 2021; 4. Sanchis J. et al. Chest. 2016;150:394-406.

