## **Please Join Us for a Discussion**

### **INDICATIONS**

Chronic Obstructive Pulmonary Disease: DUPIXENT is indicated as an add-on maintenance treatment of adult patients with inadequately controlled chronic obstructive pulmonary disease (COPD) and an eosinophilic phenotype. <u>Limitations of Use</u>: DUPIXENT is not indicated for the relief of acute bronchospasm.

Asthma: DUPIXENT is indicated as an add-on maintenance treatment of adult and pediatric patients aged 6 years and older with moderate-to-severe asthma characterized by an eosinophilic phenotype or with oral corticosteroid dependent asthma. <u>Limitations of Use</u>: DUPIXENT is not indicated for the relief of acute bronchospasm or status asthmaticus.

#### IMPORTANT SAFETY INFORMATION

 $\textbf{CONTRAINDICATION:} \ \textbf{DUPIXENT} \ \textbf{is contraindicated} \ \textbf{in patients} \ \textbf{with known hypersensitivity to dupilumab or any of its excipients}.$ 

Please see additional Important Safety Information below.

# TWO DISTINCT DISEASES, ONE DUPIXENT: INHIBITION OF TWO OF THE KEY CYTOKINES IN COPD AND ASTHMA

### **PROGRAM AGENDA**

5/7/2025 6:30 PM Eastern Flemings

(Please arrive 30 minutes prior to start of the presentation.)

Flemings 11287 Parkside Dr Knoxville, Tennessee 37934

### **CLICK TO REGISTER!**

https://tpprod-regeneron.physiciansworld.com/2rM6B1

### IMPORTANT SAFETY INFORMATION, (CONT'D) WARNINGS AND PRECAUTIONS

Hypersensitivity: Hypersensitivity reactions, including anaphylaxis, serum sickness or serum sicknesslike reactions, angioedema, generalized urticaria, rash, erythema nodosum, and erythema multiforme have been reported. If a clinically significant hypersensitivity reaction occurs, institute appropriate therapy and discontinue DUPIXENT.

Conjunctivitis and Keratitis: Conjunctivitis and keratitis occurred more frequently in COPD subjects who received DUPIXENT versus placebo. Conjunctivitis and keratitis have been reported with DUPIXENT in postmarketing settings. Some patients reported visual disturbances (e.g., blurred vision) associated with conjunctivitis or keratitis. Advise patients or their caregivers to report new onset or worsening eye symptoms to their healthcare provider. Consider ophthalmological examination for patients who develop conjunctivitis that does not resolve following standard treatment or signs and symptoms suggestive of keratitis, as appropriate.

Eosinophilic Conditions: Patients being treated for asthma may present with serious systemic eosinophilia sometimes presenting with clinical features of eosinophilic pneumonia or vasculitis consistent with eosinophilic granulomatosis with polyangiitis (EGPA), conditions which are often treated with systemic corticosteroid therapy. These events may be associated with the reduction of oral corticosteroid therapy. Healthcare providers should be alert to vasculitic rash, worsening pulmonary symptoms, cardiac complications, and/or neuropathy presenting in their patients with eosinophilia. Cases of eosinophilic pneumonia were reported in adult subjects who participated in the asthma development program and cases of vasculitis consistent with EGPA have been reported with DUPIXENT in adult subjects who participated in the asthma development program as well as in adult subjects with co-morbid asthma in the chronic rhinosinusitis with nasal polyposis development program. A causal association between DUPIXENT and these conditions has not been established.

Acute Symptoms of Asthma or Chronic Obstructive Pulmonary Disease or Acute Deteriorating Disease: Do not use DUPIXENT to treat acute symptoms or acute exacerbations of asthma or COPD, acute bronchospasm, or status asthmaticus. Patients should seek medical advice if their asthma or COPD remains uncontrolled or worsens after initiation of DUPIXENT.

Risk Associated with Abrupt Reduction of Corticosteroid Dosage: Do not discontinue systemic, topical, or inhaled corticosteroids abruptly upon initiation of DUPIXENT. Reductions in corticosteroid dose, if appropriate, should be gradual and performed under the direct supervision of a healthcare provider. Reduction in corticosteroid dose may be associated with systemic withdrawal symptoms and/or unmask conditions previously suppressed by systemic corticosteroid therapy.

Patients with Co-morbid Asthma: Advise patients with co-morbid asthma not to adjust or stop their asthma treatments without consultation with their physicians.

Arthralgia: Arthralgia has been reported with use of DUPIXENT with some patients reporting gait disturbances or decreased mobility associated with joint symptoms; some cases resulted in hospitalization. Advise patients to report new onset or worsening joint symptoms. If the symptoms persist or worsen, consider rheumatological evaluation and/or discontinuation of DUPIXENT.

### PRESENTED BY

Rabih Halabi, MD Inova Pulmonology

### **HOSTED BY**

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You may RSVP to your program host.

Parasitic (Helminth) Infections: It is unknown if DUPIXENT will influence the immune response against helminth infections. Treat patients with pre-existing helminth infections before initiating therapy with DUPIXENT. If patients become infected while receiving treatment with DUPIXENT and do not respond to anti-helminth treatment, discontinue treatment with DUPIXENT until the infection resolves. Helminth infections (5 cases of enterobiasis and 1 case of ascariasis) were reported in pediatric patients 6 to 11 years old in the pediatric asthma development program.

Vaccinations: Consider completing all age-appropriate vaccinations as recommended by current immunization guidelines prior to initiating DUPIXENT. Avoid use of live vaccines during treatment with DUPIXENT.

### ADVERSE REACTIONS:

Most common adverse reactions are:

Asthma: (incidence ≥1%): injection site reactions, or opharyngeal pain, and eosinophilia.

Chronic Obstructive Pulmonary Disease: (incidence ≥2%): viral infection, headache, nasopharyngitis, back pain, diarrhea, arthralgia, urinary tract infection, local administration reactions, rhinitis, eosinophilia, toothache, and gastritis.

### **USE IN SPECIFIC POPULATIONS**

- Pregnancy: A pregnancy exposure registry monitors pregnancy outcomes in women exposed to
  DUPIXENT during pregnancy. To enroll or obtain information call 1-877-311-8972 or go to
  https://mothertobabv.org/ongoing-study/dupixent/. Available data from case reports and case
  series with DUPIXENT use in pregnant women have not identified a drug-associated risk of major
  birth defects, miscarriage or adverse maternal or fetal outcomes. Human IgG antibodies are
  known to cross the placental barrier; therefore, DUPIXENT may be transmitted from the mother
  to the developing fetus.
- Lactation: There are no data on the presence of DUPIXENT in human milk, the effects on the
  breastfed infant, or the effects on milk production. Maternal IgG is known to be present in human
  milk. The developmental and health benefits of breastfeeding should be considered along with
  the mother's clinical need for DUPIXENT and any potential adverse effects on the breastfed child
  from DUPIXENT or from the underlying maternal condition.

### Please see accompanying full Prescribing Information

In accordance with the PhRMA Code on Interactions with Healthcare Professionals, this Program is limited to U.S. Healthcare Professionals and persons with bona fide professional interest in the information presented. Attendance at this Program by guests or spouses is not permitted unless they would qualify as an appropriate attendee on their own. If a meal is provided, actively licensed Minnesota and Vermont prescribers may attend, but not partake in the meal. Full-time Federal Employees may attend and partake in the meal if the Program is considered widely attended (50 or more attendees). If not, they may attend, but not partake in the meal. Part-time Federal Employees acting in their civilian capacity may attend the Program and partake in the meal. Alcohol is not permitted in connection with Speaker Programs and will not be provided. The value of any meal provided in connection with the Program may be reported in accordance with federal and state laws and regulations.



