Dosage and Administration Selected Safety Information

Advanced Renal Cell Carcinoma Study-Specific ARs

Dosing and Adverse Reaction Management Guide

A guide to help monitor and manage adverse reactions in patients treated with **KEYTRUDA + LENVIMA**

Indications for KEYTRUDA + LENVIMA

Advanced Renal Cell Carcinoma

KEYTRUDA, in combination with LENVIMA, is indicated for the first-line treatment of adult patients with advanced renal cell carcinoma (RCC).

Advanced Endometrial Carcinoma

KEYTRUDA, in combination with LENVIMA, is indicated for the treatment of adult patients with advanced endometrial carcinoma that is mismatch repair proficient (pMMR) or not microsatellite instability-high (MSI-H) as determined by an FDA-approved test, who have disease progression following prior systemic therapy in any setting and are not candidates for curative surgery or radiation.

Selected Safety Information for KEYTRUDA[®] (pembrolizumab)

Severe and Fatal Immune-Mediated Adverse Reactions

- KEYTRUDA is a monoclonal antibody that belongs to a class of drugs that bind to either the programmed death receptor-1 (PD-1) or the programmed death ligand 1 (PD-L1), blocking the PD-1/PD-L1 pathway, thereby removing inhibition of the immune response, potentially breaking peripheral tolerance and inducing immune-mediated adverse reactions. Immune-mediated adverse reactions, which may be severe or fatal, can occur in any organ system or tissue, can affect more than one body system simultaneously, and can occur at any time after starting treatment or after discontinuation of treatment. Important immune-mediated adverse reactions listed here may not include all possible severe and fatal immune-mediated adverse reactions.
- Monitor patients closely for symptoms and signs that may be clinical manifestations of underlying immune-mediated adverse reactions. Early identification and management are essential to ensure safe use of anti-PD-1/PD-L1 treatments. Evaluate liver enzymes, creatinine, and thyroid function at baseline and periodically during treatment. In cases of suspected immune-mediated adverse reactions, initiate appropriate workup to exclude alternative etiologies, including infection. Institute medical management promptly, including specialty consultation as appropriate.

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information. The Medication Guide also is available.

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.

Selected Safety Information for LENVIMA[®] (lenvatinib)

Hypertension

- HCC.
- or permanently discontinue based on severity.



• In differentiated thyroid cancer (DTC), hypertension occurred in 73% of patients on LENVIMA (44% grade 3-4). In advanced renal cell carcinoma (RCC), hypertension occurred in 42% of patients on LENVIMA + everolimus (13% grade 3). Systolic blood pressure \geq 160 mmHg occurred in 29% of patients, and 21% had diastolic blood pressure ≥100 mmHg. In unresectable hepatocellular carcinoma (HCC), hypertension occurred in 45% of LENVIMA-treated patients (24% grade 3). Grade 4 hypertension was not reported in

Serious complications of poorly controlled hypertension have been reported. Control blood pressure prior to initiation. Monitor blood pressure after 1 week, then every 2 weeks for the first 2 months, and then at least monthly thereafter during treatment. Withhold and resume at reduced dose when hypertension is controlled



Advanced Renal Cell Carcinoma Study-Specific ARs

Dosage and administration for **KEYTRUDA + LENVIMA**

When administering KEYTRUDA in combination with LENVIMA, modify the dosage of one or both drugs as appropriate. Withhold or discontinue KEYTRUDA as shown in this resource. Withhold, dose reduce, or discontinue LENVIMA as shown in this resource. No dose reductions are recommended for KEYTRUDA.

Dosage and administration for KEYTRUDA



- Continue treatment with KEYTRUDA until disease progression, unacceptable toxicity, or up to 24 months.
- · See full Prescribing Information for preparation and administration instructions and dosage modifications for adverse reactions.

Selected Safety Information for KEYTRUDA® (pembrolizumab) (continued)

Severe and Fatal Immune-Mediated Adverse Reactions (continued)

• Withhold or permanently discontinue KEYTRUDA depending on severity of the immune-mediated adverse reaction. In general, if KEYTRUDA requires interruption or discontinuation, administer systemic corticosteroid therapy (1 to 2 mg/kg/day prednisone or equivalent) until improvement to Grade 1 or less. Upon improvement to Grade 1 or less, initiate corticosteroid taper and continue to taper over at least 1 month. Consider administration of other systemic immunosuppressants in patients whose adverse reactions are not controlled with corticosteroid therapy.

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Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.

Dosage for LENVIMA for patients with advanced renal cell carcinoma or advanced endometrial carcinoma^a



20 mg once daily at the same time each day

^aWhen administered with KEYTRUDA. LENVIMA is available in 4-mg and 10-mg capsules. Capsules are not shown at actual size.

- usual time of administration.
- toxicity.

Selected Safety Information for LENVIMA® (lenvatinib) (continued)

Cardiac Dysfunction

recovery or permanently discontinue based on severity.



• If a dose is missed and cannot be taken within 12 hours, skip that dose and take the next dose at the

Continue treatment with LENVIMA in combination with KEYTRUDA until disease progression or unacceptable

• After completing 2 years of combination therapy, LENVIMA may be administered as a single agent until disease progression or until unacceptable toxicity for advanced renal cell carcinoma.

• The recommended dosage of LENVIMA for patients with **advanced renal cell carcinoma or advanced** endometrial carcinoma and severe renal impairment (creatinine clearance less than 30 mL/min calculated by Cockcroft-Gault equation using actual body weight) is **10 mg orally once daily**. • The recommended dosage of LENVIMA for patients with **advanced renal cell carcinoma or advanced**

endometrial carcinoma and severe hepatic impairment (Child-Pugh C) is 10 mg orally once daily.

• Serious and fatal cardiac dysfunction can occur with LENVIMA. Across clinical trials in 799 patients with DTC, RCC, and HCC, grade 3 or higher cardiac dysfunction occurred in 3% of LENVIMA-treated patients. Monitor for clinical symptoms or signs of cardiac dysfunction. Withhold and resume at reduced dose upon



Dosage and administration for **KEYTRUDA + LENVIMA** (continued)

When administering KEYTRUDA in combination with LENVIMA, modify the dosage of one or both drugs as appropriate. Withhold or discontinue KEYTRUDA as shown in this resource. Withhold, dose reduce, or discontinue LENVIMA as shown in this resource. No dose reductions are recommended for KEYTRUDA.

Administration for LENVIMA for patients with advanced renal cell carcinoma or advanced endometrial carcinoma^{a,b}



^aWhen administered with KEYTRUDA

^bAt the same time each day.

LENVIMA is available in 4-mg and 10-mg capsules. Capsules are not shown at actual size.

Preparation of suspension

- Place the required number of capsules, up to a maximum of 5, in a small container (approximately 20 mL capacity) or syringe (20 mL). Do not break or crush capsules.
- Add 3 mL of liquid to the container or syringe. Wait 10 minutes for the capsule shell (outer surface) to disintegrate, then stir or shake the mixture for 3 minutes until capsules are fully disintegrated and administer the entire contents.
- Next, add an additional 2 mL of liquid to the container or syringe using a second syringe or dropper, swirl or shake and administer. Repeat this step at least once and until there is no visible residue to ensure all of the medication is taken.
- If 6 capsules are required for a dose, follow these instructions using 3 capsules at a time.

If LENVIMA suspension is not used at the time of preparation, LENVIMA suspension may be stored in a refrigerator at 36 °F to 46 °F (2 °C to 8 °C) for a maximum of 24 hours in a covered container. If not administered within 24 hours, the suspension should be discarded.

Note: Compatibility has been confirmed for polypropylene syringes and for feeding tubes of at least 5 French diameter (polyvinyl chloride or polyurethane tube) and at least 6 French diameter (silicone tube).

Selected Safety Information for KEYTRUDA® (pembrolizumab) (continued)

Severe and Fatal Immune-Mediated Adverse Reactions (continued)

Immune-Mediated Pneumonitis

• KEYTRUDA can cause immune-mediated pneumonitis. The incidence is higher in patients who have received prior thoracic radiation. Immune-mediated pneumonitis occurred in 3.4% (94/2799) of patients receiving KEYTRUDA, including fatal (0.1%), Grade 4 (0.3%), Grade 3 (0.9%), and Grade 2 (1.3%) reactions. Systemic corticosteroids were required in 67% (63/94) of patients. Pneumonitis led to permanent discontinuation of KEYTRUDA in 1.3% (36) and withholding in 0.9% (26) of patients. All patients who were withheld reinitiated KEYTRUDA after symptom improvement; of these, 23% had recurrence. Pneumonitis resolved in 59% of the 94 patients.



Arterial Thromboembolic Events

- events ranged from 2% to 3% across all clinical trials.



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Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.



KEYTRUDA: **AR Management**

Prepare suspension for feeding tube administration Note: See preparation below

Selected Safety Information for LENVIMA[®] (lenvatinib) (continued)

 Among patients receiving LENVIMA or LENVIMA + everolimus, arterial thromboembolic events of any severity occurred in 2% of patients in RCC and HCC and 5% in DTC. Grade 3-5 arterial thromboembolic

 Among patients receiving LENVIMA with KEYTRUDA, arterial thrombotic events of any severity occurred in 5% of patients in CLEAR, including myocardial infarction (3.4%) and cerebrovascular accident (2.3%).



Selected Safety Information for KEYTRUDA® (pembrolizumab)

Severe and Fatal Immune-Mediated Adverse Reactions

- KEYTRUDA is a monoclonal antibody that belongs to a class of drugs that bind to either the programmed death receptor-1 (PD-1) or the programmed death ligand 1 (PD-L1), blocking the PD-1/PD-L1 pathway, thereby removing inhibition of the immune response, potentially breaking peripheral tolerance and inducing immune-mediated adverse reactions. Immune-mediated adverse reactions, which may be severe or fatal, can occur in any organ system or tissue, can affect more than one body system simultaneously, and can occur at any time after starting treatment or after discontinuation of treatment. Important immune-mediated adverse reactions listed here may not include all possible severe and fatal immune-mediated adverse reactions.
- Monitor patients closely for symptoms and signs that may be clinical manifestations of underlying immune-mediated adverse reactions. Early identification and management are essential to ensure safe use of anti-PD-1/PD-L1 treatments. Evaluate liver enzymes, creatinine, and thyroid function at baseline and periodically during treatment. In cases of suspected immune-mediated adverse reactions, initiate appropriate workup to exclude alternative etiologies, including infection. Institute medical management promptly, including specialty consultation as appropriate.
- Withhold or permanently discontinue KEYTRUDA depending on severity of the immune-mediated adverse reaction. In general, if KEYTRUDA requires interruption or discontinuation, administer systemic corticosteroid therapy (1 to 2 mg/kg/day prednisone or equivalent) until improvement to Grade 1 or less. Upon improvement to Grade 1 or less, initiate corticosteroid taper and continue to taper over at least 1 month. Consider administration of other systemic immunosuppressants in patients whose adverse reactions are not controlled with corticosteroid therapy.

Immune-Mediated Pneumonitis

• KEYTRUDA can cause immune-mediated pneumonitis. The incidence is higher in patients who have received prior thoracic radiation. Immune-mediated pneumonitis occurred in 3.4% (94/2799) of patients receiving KEYTRUDA, including fatal (0.1%), Grade 4 (0.3%), Grade 3 (0.9%), and Grade 2 (1.3%) reactions. Systemic corticosteroids were required in 67% (63/94) of patients. Pneumonitis led to permanent discontinuation of KEYTRUDA in 1.3% (36) and withholding in 0.9% (26) of patients. All patients who were withheld reinitiated KEYTRUDA after symptom improvement; of these, 23% had recurrence. Pneumonitis resolved in 59% of the 94 patients.

Selected Safety Information for LENVIMA® (lenvatinib)

Hypertension

- HCC.
- or permanently discontinue based on severity.

Cardiac Dysfunction

recovery or permanently discontinue based on severity.

Arterial Thromboembolic Events

- events ranged from 2% to 3% across all clinical trials.



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Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.



• In differentiated thyroid cancer (DTC), hypertension occurred in 73% of patients on LENVIMA (44% grade 3-4). In advanced renal cell carcinoma (RCC), hypertension occurred in 42% of patients on LENVIMA + everolimus (13% grade 3). Systolic blood pressure \geq 160 mmHg occurred in 29% of patients, and 21% had diastolic blood pressure ≥100 mmHg. In unresectable hepatocellular carcinoma (HCC), hypertension occurred in 45% of LENVIMA-treated patients (24% grade 3). Grade 4 hypertension was not reported in

Serious complications of poorly controlled hypertension have been reported. Control blood pressure prior to initiation. Monitor blood pressure after 1 week, then every 2 weeks for the first 2 months, and then at least monthly thereafter during treatment. Withhold and resume at reduced dose when hypertension is controlled

• Serious and fatal cardiac dysfunction can occur with LENVIMA. Across clinical trials in 799 patients with DTC, RCC, and HCC, grade 3 or higher cardiac dysfunction occurred in 3% of LENVIMA-treated patients. Monitor for clinical symptoms or signs of cardiac dysfunction. Withhold and resume at reduced dose upon

 Among patients receiving LENVIMA or LENVIMA + everolimus, arterial thromboembolic events of any severity occurred in 2% of patients in RCC and HCC and 5% in DTC. Grade 3-5 arterial thromboembolic

• Among patients receiving LENVIMA with KEYTRUDA, arterial thrombotic events of any severity occurred in 5% of patients in CLEAR, including myocardial infarction (3.4%) and cerebrovascular accident (2.3%).

• Permanently discontinue following an arterial thrombotic event. The safety of resuming after an arterial thromboembolic event has not been established and LENVIMA has not been studied in patients who have had an arterial thromboembolic event within the previous 6 months.



Selected Safety Information for KEYTRUDA® (pembrolizumab) (continued)

Severe and Fatal Immune-Mediated Adverse Reactions (continued)

Immune-Mediated Colitis

• KEYTRUDA can cause immune-mediated colitis, which may present with diarrhea. Cytomegalovirus infection/reactivation has been reported in patients with corticosteroid-refractory immune-mediated colitis. In cases of corticosteroid-refractory colitis, consider repeating infectious workup to exclude alternative etiologies. Immune-mediated colitis occurred in 1.7% (48/2799) of patients receiving KEYTRUDA, including Grade 4 (<0.1%), Grade 3 (1.1%), and Grade 2 (0.4%) reactions. Systemic corticosteroids were required in 69% (33/48); additional immunosuppressant therapy was required in 4.2% of patients. Colitis led to permanent discontinuation of KEYTRUDA in 0.5% (15) and withholding in 0.5% (13) of patients. All patients who were withheld reinitiated KEYTRUDA after symptom improvement; of these, 23% had recurrence. Colitis resolved in 85% of the 48 patients.

Hepatotoxicity and Immune-Mediated Hepatitis

KEYTRUDA as a Single Agent

• KEYTRUDA can cause immune-mediated hepatitis. Immune-mediated hepatitis occurred in 0.7% (19/2799) of patients receiving KEYTRUDA, including Grade 4 (<0.1%), Grade 3 (0.4%), and Grade 2 (0.1%) reactions. Systemic corticosteroids were required in 68% (13/19) of patients; additional immunosuppressant therapy was required in 11% of patients. Hepatitis led to permanent discontinuation of KEYTRUDA in 0.2% (6) and withholding in 0.3% (9) of patients. All patients who were withheld reinitiated KEYTRUDA after symptom improvement; of these, none had recurrence. Hepatitis resolved in 79% of the 19 patients.

Immune-Mediated Endocrinopathies

Adrenal Insufficiency

 KEYTRUDA can cause primary or secondary adrenal insufficiency. For Grade 2 or higher, initiate symptomatic treatment, including hormone replacement as clinically indicated. Withhold KEYTRUDA depending on severity. Adrenal insufficiency occurred in 0.8% (22/2799) of patients receiving KEYTRUDA, including Grade 4 (<0.1%), Grade 3 (0.3%), and Grade 2 (0.3%) reactions. Systemic corticosteroids were required in 77% (17/22) of patients; of these, the majority remained on systemic corticosteroids. Adrenal insufficiency led to permanent discontinuation of KEYTRUDA in <0.1% (1) and withholding in 0.3% (8) of patients. All patients who were withheld reinitiated KEYTRUDA after symptom improvement.

Selected Safety Information for LENVIMA® (lenvatinib) (continued)

Hepatotoxicity

- hepatic failure.
- severity.

Renal Failure or Impairment

- patients (10% grade 3).

Proteinuria



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Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.



 Across clinical studies enrolling 1,327 LENVIMA-treated patients with malignancies other than HCC, serious hepatic adverse reactions occurred in 1.4% of patients. Fatal events, including hepatic failure, acute hepatitis and hepatorenal syndrome, occurred in 0.5% of patients. In HCC, hepatic encephalopathy occurred in 8% of LENVIMA-treated patients (5% grade 3-5). Grade 3-5 hepatic failure occurred in 3% of LENVIMA-treated patients. 2% of patients discontinued LENVIMA due to hepatic encephalopathy and 1% discontinued due to

• Monitor liver function prior to initiation, then every 2 weeks for the first 2 months, and at least monthly thereafter during treatment. Monitor patients with HCC closely for signs of hepatic failure, including hepatic encephalopathy. Withhold and resume at reduced dose upon recovery or permanently discontinue based on

• Serious including fatal renal failure or impairment can occur with LENVIMA. Renal impairment was reported in 14% and 7% of LENVIMA-treated patients in DTC and HCC, respectively. Grade 3-5 renal failure or impairment occurred in 3% of patients with DTC and 2% of patients with HCC, including 1 fatal event in each study. In RCC, renal impairment or renal failure was reported in 18% of LENVIMA + everolimus-treated

• Initiate prompt management of diarrhea or dehydration/hypovolemia. Withhold and resume at reduced dose upon recovery or permanently discontinue for renal failure or impairment based on severity.

 In DTC and HCC, proteinuria was reported in 34% and 26% of LENVIMA-treated patients, respectively. Grade 3 proteinuria occurred in 11% and 6% in DTC and HCC, respectively. In RCC, proteinuria occurred in 31% of patients receiving LENVIMA + everolimus (8% grade 3). Monitor for proteinuria prior to initiation and periodically during treatment. If urine dipstick proteinuria $\geq 2+$ is detected, obtain a 24-hour urine protein. Withhold and resume at reduced dose upon recovery or permanently discontinue based on severity.



Selected Safety Information for KEYTRUDA® (pembrolizumab) (continued)

Severe and Fatal Immune-Mediated Adverse Reactions (continued)

Immune-Mediated Endocrinopathies (continued)

Hypophysitis

• KEYTRUDA can cause immune-mediated hypophysitis. Hypophysitis can present with acute symptoms associated with mass effect such as headache, photophobia, or visual field defects. Hypophysitis can cause hypopituitarism. Initiate hormone replacement as indicated. Withhold or permanently discontinue KEYTRUDA depending on severity. Hypophysitis occurred in 0.6% (17/2799) of patients receiving KEYTRUDA, including Grade 4 (<0.1%), Grade 3 (0.3%), and Grade 2 (0.2%) reactions. Systemic corticosteroids were required in 94% (16/17) of patients; of these, the majority remained on systemic corticosteroids. Hypophysitis led to permanent discontinuation of KEYTRUDA in 0.1% (4) and withholding in 0.3% (7) of patients. All patients who were withheld reinitiated KEYTRUDA after symptom improvement.

Thyroid Disorders

- · KEYTRUDA can cause immune-mediated thyroid disorders. Thyroiditis can present with or without endocrinopathy. Hypothyroidism can follow hyperthyroidism. Initiate hormone replacement for hypothyroidism or institute medical management of hyperthyroidism as clinically indicated. Withhold or permanently discontinue KEYTRUDA depending on severity. Thyroiditis occurred in 0.6% (16/2799) of patients receiving KEYTRUDA, including Grade 2 (0.3%). None discontinued, but KEYTRUDA was withheld in <0.1% (1) of patients.
- Hyperthyroidism occurred in 3.4% (96/2799) of patients receiving KEYTRUDA, including Grade 3 (0.1%) and Grade 2 (0.8%). It led to permanent discontinuation of KEYTRUDA in <0.1% (2) and withholding in 0.3% (7) of patients. All patients who were withheld reinitiated KEYTRUDA after symptom improvement. Hypothyroidism occurred in 8% (237/2799) of patients receiving KEYTRUDA, including Grade 3 (0.1%) and Grade 2 (6.2%). It led to permanent discontinuation of KEYTRUDA in <0.1% (1) and withholding in 0.5% (14) of patients. All patients who were withheld reinitiated KEYTRUDA after symptom improvement. The majority of patients with hypothyroidism required long-term thyroid hormone replacement.

Type 1 Diabetes Mellitus (DM), Which Can Present With Diabetic Ketoacidosis

• Monitor patients for hyperglycemia or other signs and symptoms of diabetes. Initiate treatment with insulin as clinically indicated. Withhold KEYTRUDA depending on severity. Type 1 DM occurred in 0.2% (6/2799) of patients receiving KEYTRUDA. It led to permanent discontinuation in <0.1% (1) and withholding of KEYTRUDA in <0.1% (1) of patients. All patients who were withheld reinitiated KEYTRUDA after symptom improvement.

Selected Safety Information for LENVIMA® (lenvatinib) (continued)

Diarrhea

based on severity.

Fistula Formation and Gastrointestinal Perforation

perforation of any severity or grade 3-4 fistula.

QT Interval Prolongation

Hypocalcemia

permanently discontinue depending on severity.

Reversible Posterior Leukoencephalopathy Syndrome (RPLS)

QTc = corrected QT interval; MRI = magnetic resonance imaging.



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Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.



 Of the 737 LENVIMA-treated patients in DTC and HCC, diarrhea occurred in 49% (6% grade 3). In RCC, diarrhea occurred in 81% of LENVIMA + everolimus-treated patients (19% grade 3). Diarrhea was the most frequent cause of dose interruption/reduction, and diarrhea recurred despite dose reduction. Promptly initiate management of diarrhea. Withhold and resume at reduced dose upon recovery or permanently discontinue

• Of the 799 patients treated with LENVIMA or LENVIMA + everolimus in DTC, RCC, and HCC, fistula or gastrointestinal perforation occurred in 2%. Permanently discontinue in patients who develop gastrointestinal

• In DTC, QT/QTc interval prolongation occurred in 9% of LENVIMA-treated patients and QT interval prolongation of >500 ms occurred in 2%. In RCC, QTc interval increases of >60 ms occurred in 11% of patients receiving LENVIMA + everolimus and QTc interval >500 ms occurred in 6%. In HCC, QTc interval increases of >60 ms occurred in 8% of LENVIMA-treated patients and QTc interval >500 ms occurred in 2%.

 Monitor and correct electrolyte abnormalities at baseline and periodically during treatment. Monitor electrocardiograms in patients with congenital long QT syndrome, congestive heart failure, bradyarrhythmias, or those who are taking drugs known to prolong the QT interval, including Class Ia and III antiarrhythmics. Withhold and resume at reduced dose upon recovery based on severity.

• In DTC, grade 3-4 hypocalcemia occurred in 9% of LENVIMA-treated patients. In 65% of cases, hypocalcemia improved or resolved following calcium supplementation with or without dose interruption or dose reduction. In RCC, grade 3-4 hypocalcemia occurred in 6% of LENVIMA + everolimus-treated patients. In HCC, grade 3 hypocalcemia occurred in 0.8% of LENVIMA-treated patients. Monitor blood calcium levels at least monthly and replace calcium as necessary during treatment. Withhold and resume at reduced dose upon recovery or

• Across clinical studies of 1,823 patients who received LENVIMA as a single agent, RPLS occurred in 0.3%. Confirm diagnosis of RPLS with MRI. Withhold and resume at reduced dose upon recovery or permanently discontinue depending on severity and persistence of neurologic symptoms.



Selected Safety Information for KEYTRUDA® (pembrolizumab) (continued)

Severe and Fatal Immune-Mediated Adverse Reactions (continued)

Immune-Mediated Nephritis With Renal Dysfunction

• KEYTRUDA can cause immune-mediated nephritis. Immune-mediated nephritis occurred in 0.3% (9/2799) of patients receiving KEYTRUDA, including Grade 4 (<0.1%), Grade 3 (0.1%), and Grade 2 (0.1%) reactions. Systemic corticosteroids were required in 89% (8/9) of patients. Nephritis led to permanent discontinuation of KEYTRUDA in 0.1% (3) and withholding in 0.1% (3) of patients. All patients who were withheld reinitiated KEYTRUDA after symptom improvement; of these, none had recurrence. Nephritis resolved in 56% of the 9 patients.

Immune-Mediated Dermatologic Adverse Reactions

• KEYTRUDA can cause immune-mediated rash or dermatitis. Exfoliative dermatitis, including Stevens-Johnson syndrome, drug rash with eosinophilia and systemic symptoms, and toxic epidermal necrolysis, has occurred with anti-PD-1/PD-L1 treatments. Topical emollients and/or topical corticosteroids may be adequate to treat mild to moderate nonexfoliative rashes. Withhold or permanently discontinue KEYTRUDA depending on severity. Immune-mediated dermatologic adverse reactions occurred in 1.4% (38/2799) of patients receiving KEYTRUDA, including Grade 3 (1%) and Grade 2 (0.1%) reactions. Systemic corticosteroids were required in 40% (15/38) of patients. These reactions led to permanent discontinuation in 0.1% (2) and withholding of KEYTRUDA in 0.6% (16) of patients. All patients who were withheld reinitiated KEYTRUDA after symptom improvement; of these, 6% had recurrence. The reactions resolved in 79% of the 38 patients.

Other Immune-Mediated Adverse Reactions

• The following clinically significant immune-mediated adverse reactions occurred at an incidence of <1% (unless otherwise noted) in patients who received KEYTRUDA or were reported with the use of other anti-PD-1/PD-L1 treatments. Severe or fatal cases have been reported for some of these adverse reactions. Cardiac/Vascular: Myocarditis, pericarditis, vasculitis; Nervous System: Meningitis, encephalitis, myelitis and demyelination, myasthenic syndrome/myasthenia gravis (including exacerbation), Guillain-Barré syndrome, nerve paresis, autoimmune neuropathy; Ocular: Uveitis, iritis and other ocular inflammatory toxicities can occur. Some cases can be associated with retinal detachment. Various grades of visual impairment, including blindness, can occur. If uveitis occurs in combination with other immune-mediated adverse reactions, consider a Vogt-Koyanagi-Harada-like syndrome, as this may require treatment with systemic steroids to reduce the risk of permanent vision loss; Gastrointestinal: Pancreatitis, to include increases in serum amylase and lipase levels, gastritis, duodenitis;

Selected Safety Information for LENVIMA® (lenvatinib) (continued)

Hemorrhagic Events

- with ATC have not been demonstrated in clinical trials.
- discontinue based on severity.

Impairment of Thyroid Stimulating Hormone Suppression/Thyroid Dysfunction

- RCC.
- according to standard medical practice.

Impaired Wound Healing

been established.

CNS = central nervous system.



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 Serious including fatal hemorrhagic events can occur with LENVIMA. In DTC, RCC, and HCC clinical trials, hemorrhagic events, of any grade, occurred in 29% of the 799 patients treated with LENVIMA as a single agent or in combination with everolimus. The most frequently reported hemorrhagic events (all grades and occurring in at least 5% of patients) were epistaxis and hematuria. In DTC, grade 3-5 hemorrhage occurred in 2% of LENVIMA-treated patients, including 1 fatal intracranial hemorrhage among 16 patients who received LENVIMA and had CNS metastases at baseline. In RCC, grade 3-5 hemorrhage occurred in 8% of LENVIMA + everolimus-treated patients, including 1 fatal cerebral hemorrhage. In HCC, grade 3-5 hemorrhage occurred in 5% of LENVIMA-treated patients, including 7 fatal hemorrhagic events. Serious tumor-related bleeds, including fatal hemorrhagic events, occurred in LENVIMA-treated patients in clinical trials and in the postmarketing setting. In postmarketing surveillance, serious and fatal carotid artery hemorrhages were seen more frequently in patients with anaplastic thyroid carcinoma (ATC) than other tumors. Safety and effectiveness of LENVIMA in patients

• Consider the risk of severe or fatal hemorrhage associated with tumor invasion or infiltration of major blood vessels (eg, carotid artery). Withhold and resume at reduced dose upon recovery or permanently

 LENVIMA impairs exogenous thyroid suppression. In DTC, 88% of patients had baseline thyroid stimulating hormone (TSH) level ≤0.5 mU/L. In patients with normal TSH at baseline, elevation of TSH level >0.5 mU/L. was observed post baseline in 57% of LENVIMA-treated patients. In RCC and HCC, grade 1 or 2 hypothyroidism occurred in 24% of LENVIMA + everolimus-treated patients and 21% of LENVIMA-treated patients, respectively. In patients with normal or low TSH at baseline, elevation of TSH was observed post baseline in 70% of LENVIMA-treated patients in HCC and 60% of LENVIMA + everolimus-treated patients in

• Monitor thyroid function prior to initiation and at least monthly during treatment. Treat hypothyroidism

 Impaired wound healing has been reported in patients who received LENVIMA. Withhold LENVIMA for at least 1 week prior to elective surgery. Do not administer for at least 2 weeks following major surgery and until adequate wound healing. The safety of resumption of LENVIMA after resolution of wound healing complications has not



Selected Safety Information for KEYTRUDA® (pembrolizumab) (continued)

Severe and Fatal Immune-Mediated Adverse Reactions (continued)

Other Immune-Mediated Adverse Reactions (continued)

Musculoskeletal and Connective Tissue: Myositis/polymyositis, rhabdomyolysis (and associated sequelae, including renal failure), arthritis (1.5%), polymyalgia rheumatica; *Endocrine*: Hypoparathyroidism; Hematologic/Immune: Hemolytic anemia, aplastic anemia, hemophagocytic lymphohistiocytosis, systemic inflammatory response syndrome, histiocytic necrotizing lymphadenitis (Kikuchi lymphadenitis), sarcoidosis, immune thrombocytopenic purpura, solid organ transplant rejection, other transplant (including corneal graft) rejection.

Infusion-Related Reactions

 KEYTRUDA can cause severe or life-threatening infusion-related reactions, including hypersensitivity and anaphylaxis, which have been reported in 0.2% of 2799 patients receiving KEYTRUDA. Monitor for signs and symptoms of infusion-related reactions. Interrupt or slow the rate of infusion for Grade 1 or Grade 2 reactions. For Grade 3 or Grade 4 reactions, stop infusion and permanently discontinue KEYTRUDA.

Complications of Allogeneic Hematopoietic Stem Cell Transplantation (HSCT)

• Fatal and other serious complications can occur in patients who receive allogeneic HSCT before or after anti-PD-1/PD-L1 treatments. Transplant-related complications include hyperacute graft-versushost disease (GVHD), acute and chronic GVHD, hepatic veno-occlusive disease after reduced intensity conditioning, and steroid-requiring febrile syndrome (without an identified infectious cause). These complications may occur despite intervening therapy between anti–PD-1/PD-L1 treatments and allogeneic HSCT. Follow patients closely for evidence of these complications and intervene promptly. Consider the benefit vs risks of using anti-PD-1/PD-L1 treatments prior to or after an allogeneic HSCT.

Increased Mortality in Patients With Multiple Myeloma

• In trials in patients with multiple myeloma, the addition of KEYTRUDA to a thalidomide analogue plus dexamethasone resulted in increased mortality. Treatment of these patients with an anti-PD-1/PD-L1 treatment in this combination is not recommended outside of controlled trials.

Selected Safety Information for LENVIMA® (lenvatinib) (continued)

Osteonecrosis of the Jaw (ONJ)

ONJ.

Perform an oral examination prior to treatment with LENVIMA and periodically during LENVIMA treatment. Advise patients regarding good oral hygiene practices and to consider having preventive dentistry performed prior to treatment with LENVIMA and throughout treatment with LENVIMA.

Avoid invasive dental procedures, if possible, while on LENVIMA treatment, particularly in patients at higher risk. Withhold LENVIMA for at least 1 week prior to scheduled dental surgery or invasive dental procedures, if possible. For patients requiring invasive dental procedures, discontinuation of bisphosphonate treatment may reduce the risk of ONJ.

Withhold LENVIMA if ONJ develops and restart based on clinical judgement of adequate resolution.

Embryo-Fetal Toxicity

for 30 days after the last dose.

Adverse Reactions

Fatal adverse reactions occurred in 4.3% of patients receiving LENVIMA in combination with KEYTRUDA, including cardio-respiratory arrest (0.9%), sepsis (0.9%), and one case (0.3%) each of arrhythmia, autoimmune hepatitis, dyspnea, hypertensive crisis, increased blood creatinine, multiple organ dysfunction syndrome, myasthenic syndrome, myocarditis, nephritis, pneumonitis, ruptured aneurysm and subarachnoid hemorrhage.



Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information. The Medication Guide also is available.

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.

• ONJ has been reported in patients receiving LENVIMA. Concomitant exposure to other risk factors, such as bisphosphonates, denosumab, dental disease or invasive dental procedures, may increase the risk of

 Based on its mechanism of action and data from animal reproduction studies, LENVIMA can cause fetal harm when administered to pregnant women. In animal reproduction studies, oral administration of LENVIMA during organogenesis at doses below the recommended clinical doses resulted in embryotoxicity, fetotoxicity, and teratogenicity in rats and rabbits. Advise pregnant women of the potential risk to a fetus; and advise females of reproductive potential to use effective contraception during treatment with LENVIMA and

• In RCC, the most common adverse reactions (≥20%) observed in LENVIMA + KEYTRUDA-treated patients were fatigue (63%), diarrhea (62%), musculoskeletal pain (58%), hypothyroidism (57%), hypertension (56%), stomatitis (43%), decreased appetite (41%), rash (37%), nausea (36%), decreased weight (30%), dysphonia (30%), proteinuria (30%), palmar-plantar erythrodysesthesia syndrome (29%), abdominal pain (27%), hemorrhagic events (27%), vomiting (26%), constipation (25%), hepatotoxicity (25%), headache (23%), and acute kidney injury (21%).



Selected Safety Information for KEYTRUDA® (pembrolizumab) (continued)

Embryofetal Toxicity

 Based on its mechanism of action, KEYTRUDA can cause fetal harm when administered to a pregnant woman. Advise women of this potential risk. In females of reproductive potential, verify pregnancy status prior to initiating KEYTRUDA and advise them to use effective contraception during treatment and for 4 months after the last dose.

Adverse Reactions

 In KEYNOTE-581, when KEYTRUDA was administered in combination with LENVIMA to patients with advanced renal cell carcinoma (n=352), fatal adverse reactions occurred in 4.3% of patients. Serious adverse reactions occurred in 51% of patients; the most common ($\geq 2\%$) were hemorrhadic events (5%), diarrhea (4%), hypertension, myocardial infarction, pneumonitis, and vomiting (3% each), acute kidney injury, adrenal insufficiency, dyspnea, and pneumonia (2% each).

Permanent discontinuation of KEYTRUDA, LENVIMA, or both due to an adverse reaction occurred in 37% of patients; 29% KEYTRUDA only, 26% LENVIMA only, and 13% both. The most common adverse reactions (≥2%) resulting in permanent discontinuation of KEYTRUDA, LENVIMA, or the combination were pneumonitis, myocardial infarction, hepatotoxicity, acute kidney injury, rash (3% each), and diarrhea (2%).

The most common adverse reactions (≥20%) observed with KEYTRUDA in combination with LENVIMA were fatigue (63%), diarrhea (62%), musculoskeletal disorders (58%), hypothyroidism (57%), hypertension (56%), stomatitis (43%), decreased appetite (41%), rash (37%), nausea (36%), weight loss, dysphonia and proteinuria (30% each), palmar-plantar erythrodysesthesia syndrome (29%), abdominal pain and hemorrhagic events (27% each), vomiting (26%), constipation and hepatotoxicity (25% each), headache (23%), and acute kidney injury (21%).

Selected Safety Information for LENVIMA® (lenvatinib) (continued)

Adverse Reactions (continued)

Serious adverse reactions occurred in 51% of patients receiving LENVIMA and KEYTRUDA. Serious adverse reactions in $\geq 2\%$ of patients were hemorrhagic events (5%), diarrhea (4%), hypertension (3%), myocardial infarction (3%), pneumonitis (3%), vomiting (3%), acute kidney injury (2%), adrenal insufficiency (2%), dyspnea (2%), and pneumonia (2%).

Permanent discontinuation of LENVIMA, KEYTRUDA, or both due to an adverse reaction occurred in 37% of patients; 26% LENVIMA only, 29% KEYTRUDA only, and 13% both drugs. The most common adverse reactions (\geq 2%) leading to permanent discontinuation of LENVIMA, KEYTRUDA, or both were pneumonitis (3%), myocardial infarction (3%), hepatotoxicity (3%), acute kidney injury (3%), rash (3%), and diarrhea (2%).

Dose interruptions of LENVIMA, KEYTRUDA, or both due to an adverse reaction occurred in 78% of patients receiving LENVIMA in combination with KEYTRUDA. LENVIMA was interrupted in 73% of patients and both drugs were interrupted in 39% of patients. LENVIMA was dose reduced in 69% of patients. The most common adverse reactions (\geq 5%) resulting in dose reduction or interruption of LENVIMA were diarrhea (26%), fatigue (18%), hypertension (17%), proteinuria (13%), decreased appetite (12%), palmar-plantar erythrodysesthesia (11%), nausea (9%), stomatitis (9%), musculoskeletal pain (8%), rash (8%), increased lipase (7%), abdominal pain (6%), vomiting (6%), increased ALT (5%), and increased amylase (5%).

(23%), dysphonia (22%), and rash (20%).

Fatal adverse reactions among these patients occurred in 4.7% of those treated with LENVIMA and KEYTRUDA, including 2 cases of pneumonia, and 1 case of the following: acute kidney injury, acute myocardial infarction, colitis, decreased appetite, intestinal perforation, lower gastrointestinal hemorrhage, malignant gastrointestinal obstruction, multiple organ dysfunction syndrome, myelodysplastic syndrome, pulmonary embolism, and right ventricular dysfunction.

Serious adverse reactions occurred in 50% of these patients receiving LENVIMA and KEYTRUDA. Serious adverse reactions with frequency \geq 3% were hypertension (4.4%), and urinary tract infection (3.2%).

Discontinuation of LENVIMA due to an adverse reaction occurred in 26% of these patients. The most common (≥1%) adverse reactions leading to discontinuation of LENVIMA were hypertension (2%), asthenia (1.8%), diarrhea (1.2%), decreased appetite (1.2%), proteinuria (1.2%), and vomiting (1.2%).

ALT = alanine aminotransferase.



Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information. The Medication Guide also is available.

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.



 In endometrial carcinoma, the most common adverse reactions (≥20%) observed in LENVIMA + KEYTRUDA-treated patients were hypothyroidism (67%), hypertension (67%), fatigue (58%), diarrhea (55%), musculoskeletal disorders (53%), nausea (49%), decreased appetite (44%), vomiting (37%), stomatitis (35%), decreased weight (34%), abdominal pain (34%), urinary tract infection (31%), proteinuria (29%), constipation (27%), headache (26%), hemorrhagic events (25%), palmar-plantar erythrodysesthesia



Selected Safety Information for KEYTRUDA® (pembrolizumab) (continued)

Adverse Reactions (continued)

 In KEYNOTE-775, when KEYTRUDA was administered in combination with LENVIMA to patients with advanced endometrial carcinoma that was pMMR or not MSI-H (n=342), fatal adverse reactions occurred in 4.7% of patients. Serious adverse reactions occurred in 50% of these patients; the most common (\geq 3%) were hypertension (4.4%) and urinary tract infections (3.2%).

Discontinuation of KEYTRUDA due to an adverse reaction occurred in 15% of these patients. The most common adverse reaction leading to discontinuation of KEYTRUDA (≥1%) was increased ALT (1.2%).

The most common adverse reactions for KEYTRUDA in combination with LENVIMA (reported in \geq 20%) patients) were hypothyroidism and hypertension (67% each), fatigue (58%), diarrhea (55%), musculoskeletal disorders (53%), nausea (49%), decreased appetite (44%), vomiting (37%), stomatitis (35%), abdominal pain and weight loss (34% each), urinary tract infections (31%), proteinuria (29%), constipation (27%), headache (26%), hemorrhagic events (25%), palmar-plantar erythrodysesthesia (23%), dysphonia (22%), and rash (20%).

Lactation

• Because of the potential for serious adverse reactions in breastfed children, advise women not to breastfeed during treatment and for 4 months after the last dose.

pMMR = mismatch repair proficient; MSI-H = microsatellite instability-high; ALT = alanine aminotransferase.

Selected Safety Information for LENVIMA® (lenvatinib) (continued)

Adverse Reactions (continued)

asthenia (5%), and weight decreased (5%).

Dose interruptions of LENVIMA due to an adverse reaction occurred in 58% of these patients. The most common (≥2%) adverse reactions leading to interruption of LENVIMA were hypertension (11%), diarrhea (11%), proteinuria (6%), decreased appetite (5%), vomiting (5%), increased alanine aminotransferase (3.5%), fatigue (3.5%), nausea (3.5%), abdominal pain (2.9%), weight decreased (2.6%), urinary tract infection (2.6%), increased aspartate aminotransferase (2.3%), asthenia (2.3%), and palmar-plantar erythrodysesthesia (2%).

Use in Specific Populations

- females of reproductive potential.
- stage renal disease.



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Dose reductions of LENVIMA due to adverse reactions occurred in 67% of patients. The most common $(\geq 5\%)$ adverse reactions resulting in dose reduction of LENVIMA were hypertension (18%), diarrhea (11%), palmar-plantar erythrodysesthesia syndrome (9%), proteinuria (7%), fatigue (7%), decreased appetite (6%),

• Because of the potential for serious adverse reactions in breastfed children, advise women to discontinue breastfeeding during treatment and for 1 week after last dose. LENVIMA may impair fertility in males and

• No dose adjustment is recommended for patients with mild (creatinine clearance [CLcr] 60-89 mL/min) or moderate (CLcr 30-59 mL/min) renal impairment. LENVIMA concentrations may increase in patients with DTC, RCC, or endometrial carcinoma and severe (CLcr 15-29 mL/min) renal impairment. Reduce the dose for patients with DTC, RCC, or endometrial carcinoma and severe renal impairment. There is no recommended dose for patients with HCC and severe renal impairment. LENVIMA has not been studied in patients with end

• No dose adjustment is recommended for patients with HCC and mild hepatic impairment (Child-Pugh A). There is no recommended dose for patients with HCC with moderate (Child-Pugh B) or severe (Child-Pugh C) hepatic impairment. No dose adjustment is recommended for patients with DTC, RCC, or endometrial carcinoma and mild or moderate hepatic impairment. LENVIMA concentrations may increase in patients with DTC, RCC, or endometrial carcinoma and severe hepatic impairment. Reduce the dose for patients with DTC, RCC, or endometrial carcinoma and severe hepatic impairment.

Dosage and Administration	Selected Safety Information	Advanced Renal Cell Carcinoma Study-Specific AF	Rs		d Endometrial cudy-Specific ARs	
Fatal and Serious ARs	Discontinuation, Inte	erruption, and Reduction Rates	Mos	t Common ARs	Post Hoc Analysis:	Time

Fatal and serious adverse reactions in patients receiving KEYTRUDA + LENVIMA in the KEYNOTE-581/CLEAR trial

The safety of KEYTRUDA + LENVIMA in the first-line treatment of adult patients with advanced renal cell carcinoma was evaluated in the KEYNOTE-581/CLEAR trial at the protocol-specified interim analysis. Patients received KEYTRUDA 200 mg intravenously every 3 weeks in combination with LENVIMA 20 mg orally once daily (n=352), or LENVIMA 18 mg orally once daily in combination with everolimus 5 mg orally once daily (n=355), or sunitinib 50 mg orally once daily for 4 weeks then off treatment for 2 weeks (n=340). The median duration of exposure to the combination therapy of KEYTRUDA + LENVIMA was 17 months (range: 0.1-39).

Fatal adverse reactions occurred in 4.3% of patients treated with KEYTRUDA + LENVIMA, including cardio-respiratory arrest (0.9%), sepsis (0.9%), and one case (0.3%) each of:

Arrhythmia	Increased blood creatinine	Neph
Autoimmune hepatitis	Multiple organ dysfunction syndrome	Pneur
Dyspnea	Myasthenic syndrome	Ruptu
Hypertensive crisis	Myocarditis	Subar

Serious adverse reactions occurred in 51% of patients receiving KEYTRUDA + LENVIMA.

Serious adverse reactions in ≥2% of patients receiving KEYTRUDA + LENVIMA were:

Hemorrhagic events (5%)	Pneumonitis (3%)	Dyspr
Diarrhea (4%)	Vomiting (3%)	Pneur
Hypertension (3%)	Acute kidney injury (2%)	
Myocardial infarction (3%)	Adrenal insufficiency (2%)	

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LENVIMA: **AR Management**

ne to AR Onset





ritis

monitis

ured aneurysm

rachnoid hemorrhage

nea (2%)

monia (2%)



Dosage and Administration	Selected Safety Information	Advanced Renal Cell Carcinoma Study-Specific A		ed Endometrial Study-Specific ARs	
Fatal and Serious ARs	Discontinuation, Int	erruption, and Reduction Rates	Most Common ARs	Post Hoc Analysis: 1	Гime

Adverse reactions that led to permanent discontinuation, dose interruption, and dose reduction in the KEYNOTE-581/CLEAR trial

Permanent discontinuation, dose interruption, and dose reduction due to an adverse reaction in the KEYNOTE-581/CLEAR trial

	Permanent Discontinuation (%)	Dose Interruption (%)	Dose Reduction (%)
KEYTRUDA , LENVIMA , or both	37	78	_
KEYTRUDA + LENVIMA	13	39	_
KEYTRUDA	29	55	_
LENVIMA	26	73	69

No dose reduction for KEYTRUDA is recommended.

The most common (≥2%) adverse reactions that resulted in permanent discontinuation of KEYTRUDA, **LENVIMA**, or both

Pneumonitis (3%)

Myocardial infarction (3%)

Hepatotoxicity (3%)

Acute kidney injury (3%)

Rash (3%)

Diarrhea (2%)

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Most common (≥3%) adverse reactions in patients receiving KEYTRUDA + LENVIMA that resulted in interruption of KEYTRUDA	Most common (≥5%) adverse reactions in patients receiving KEYTRUDA + LENVIMA that resulted in dose reduction or interruption of LENVIMA
Diarrhea (10%)	Diarrhea (26%)
Hepatotoxicity (8%)	Fatigue (18%)
Fatigue (7%)	Hypertension (17%)
Lipase increased (5%)	Proteinuria (13%)
Amylase increased (4%)	Decreased appetite (12%)
Musculoskeletal pain (3%)	Palmar-plantar erythrodysesthesia (11%)
Hypertension (3%)	Nausea (9%)
Rash (3%)	Stomatitis (9%)
Acute kidney injury (3%)	Musculoskeletal pain (8%)
Decreased appetite (3%)	Rash (8%)
ALT = alanine aminotransferase.	Increased lipase (7%)
	Abdominal pain (6%)
	Vomiting (6%)
	Increased ALT (5%)
	Increased amylase (5%)





LENVIMA: **AR Management**

ne to AR Onset



Dosage and	Selected Safety	Advanced Renal Cell		ed Endometrial
Administration	Information	Carcinoma Study-Specific A		Study-Specific ARs
Fatal and Serious ARs	Discontinuation, Int	erruption, and Reduction Rates	Most Common ARs	Post Hoc Analysis: Time

Adverse reactions in ≥20% of patients receiving KEYTRUDA + LENVIMA in the KEYNOTE-581/CLEAR trial

100	90 80	70 6	0 50	40	30 2	% (20 10		atients		30	40	50	60	70	80	90	100
Fatigue ^a		63				9		8					56				
Diarrhea ^b		62				10		6				5	0				
Musculoskeletal disorders ^c		58	3				4	3			4	1					
Hypothyroidism ^d		5	7				1	0		32	2						
Hypertension ^e		5	6	2	29				20)	Z	13					
Stomatitis ^f			4	3			2	2			Z	13					
Decreased appetite ⁹			4	41			4	1		31							
Rash ^h				37			5	1	17								
Nausea				36			3	1		3	3						
Weight loss				3	0	8		0.3 9									
Dysphonia				3	0		0	04									
Proteinuria ⁱ				3	0	8		3	13								
Palmar-plantar erythrodysesthesia syndrome ^j					29		4	4			38						
Hemorrhagic events ^k					27	Ę	5	4		26							
Abdominal pain ⁱ					27		2	1	18								
Vomiting					26		3	1	20)							
Constipation					25		1	0	19								
Hepatotoxicity ^m					25	9		5	21								
Headache					23		1	1	16								
Acute kidney injury ⁿ					21	Ę	5	2	16								
EYTRUDA + LENVIMA (n=352) 📕 Grade 3-4 📕	All grade	S					S	unitir	nib (n=	340)		Grad	de 3	-4	A	ll gra	ades

AST = aspartate aminotransferase.

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information. The Medication Guide also is available. Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.



LENVIMA: **AR Management**

ne to AR Onset



percent (15%) of patients treated with KEYTRUDA + LENVIMA received an oral sone equivalent to ≥40 mg daily for an immune-mediated adverse reaction.

Ily relevant adverse reactions (<20%) that occurred in patients receiving RUDA + LENVIMA were myocardial infarction (3%) and angina pectoris (1%).

3 and 4 increased ALT or AST was seen in 9% of patients. Grade ≥2 increased ALT was reported in 64 (18%) patients, of whom 20 (31%) received \geq 40 mg daily oral sone equivalent. Recurrence of Grade ≥2 increased ALT or AST was observed on enge in 3 patients receiving LENVIMA, in 10 patients receiving both KEYTRUDA and MA (n=38), and was not observed on rechallenge with KEYTRUDA alone (n=3).

asthenia, fatigue, lethargy, and malaise.

diarrhea and gastroenteritis

arthralgia, arthritis, back pain, bone pain, breast pain, musculoskeletal chest pain, musculoskeletal discomfort, skeletal pain, musculoskeletal stiffness, myalgia, neck pain, non-cardiac chest pain, pain in extremity, and pain

hypothyroidism, increased blood thyroid stimulating hormone, and secondary hypothyroidism.

essential hypertension, increased blood pressure, increased diastolic blood pressure, hypertension, hypertensive pertensive retinopathy, and labile blood pressure.

aphthous ulcer, gingival pain, glossitis, glossodynia, mouth ulceration, mucosal inflammation, oral discomfort, oral blistering, oral pain, oropharyngeal pain, pharyngeal inflammation, and stomatitis. decreased appetite and early satiety.

genital rash, infusion site rash, penile rash, perineal rash, rash, rash erythematous, rash macular, rash maculoash papular, rash pruritic, and rash pustular.

nemoglobinuria, nephrotic syndrome, and proteinuria.

palmar erythema, palmar-plantar erythrodysesthesia syndrome, and plantar erythema.

all hemorrhage terms. Hemorrhage terms that occurred in 1 or more subjects in either treatment group include orrhage, aneurysm ruptured, blood blister, blood loss anemia, blood urine present, catheter site hematoma, nicrohemorrhage, conjunctival hemorrhage, contusion, diarrhea hemorrhagic, disseminated intravascular on, ecchymosis, epistaxis, eye hemorrhage, gastric hemorrhage, gastritis hemorrhagic, gingival bleeding, age urinary tract, hemothorax, hematemesis, hematoma, hematochezia, hematuria, hemoptysis, hemorrhoidal age, increased tendency to bruise, injection site hematoma, injection site hemorrhage, intra-abdominal age, lower gastrointestinal hemorrhage, Mallory-Weiss syndrome, melena, petechiae, rectal hemorrhage, renal ge, retroperitoneal hemorrhage, small intestinal hemorrhage, splinter hemorrhages, subcutaneous hematoma, nematoma, subarachnoid hemorrhage, thrombotic thrombocytopenic purpura, tumor hemorrhage, traumatic na, and upper gastrointestinal hemorrhage.

abdominal discomfort, abdominal pain, abdominal rigidity, abdominal tenderness, epigastric discomfort, lower al pain, and upper abdominal pain.

alanine aminotransferase increased, aspartate aminotransferase increased, blood bilirubin increased, uced liver injury, hepatic enzyme increased, hepatic failure, hepatic function abnormal, hepatocellular injury, xicity, hyperbilirubinemia, hypertransaminasemia, immune-mediated hepatitis, liver function test increased, liver nsaminases increased, and gamma-glutamyltransferase increased.

acute kidney injury, azotemia, blood creatinine increased, creatinine renal clearance decreased, hypercreatininemia, ure, renal impairment, oliguria, glomerular filtration rate decreased, and nephropathy toxic.

(lenvatinib) capsules | 10 mg and 4 mg



Dosage and Administration	Selected Safety Information	Advanced Renal Cell Carcinoma Study-Specific AR	Advanced Ei s Carcinoma Stud			YTRUDA: Ianagement	LENVIMA: AR Management	K < >
Fatal and Serious ARs	Discontinuation, Int	erruption, and Reduction Rates	Most Common ARs	Post Hoc Ai	nalysis: Time to AF	R Onset		
 In KEYNOTE-58 LIMITATION: This is a post hoc No formal statistical testing waters of the physician judgement and evaluation. Health care professionals shour reactions throughout treatment discontinuation. Immune-mediated adverse reater PD-1/PD-L1 blocking antibody. treatment with PD-1/PD-L1 blocking antibody. The interquartile range (Q1:Q3) adverse reaction [AR] start date from quartile 1 to quartile 3. ARs were chosen based on frequential receiving LENVIMA and/or after the patient's last dose. ARS 	BACCLEAR (n=3 analysis based on data from a planned and, therefore, r e only, it may not be reflective ation of a potential adverse Id monitor and evaluate pati t with KEYTRUDA, in combined while immune-mediated ad cking antibodies, immune-mediated ad cking antibodies, immune-mediated ad cking antibodies, immune-mediated ad cking antibodies, immune-mediated ad ching antibodies, immune-mediated ad represents the time to ons were recorded until the end	om KEYNOTE-581/CLEAR. no conclusions can be drawn. ve of clinical practice; it should not replace reaction should it occur. ients for the presence of potential adverse ination with LENVIMA, and following e after starting treatment with a dverse reactions usually manifest during nediated adverse reactions can also	Adverse Reaction Incidence, n (%) ^{b,c} Hypertension ^d 198 (56.3) Dysphonia 105 (29.8) R Fatigue ^e 222 (63.1)	IENUMA Dose 1ENUMA Dose 32 42 (9.1) (11.9) 2 (0.6) 39 34 (11.1) (9.7) 27 36 (7.7) (10.2) 21 9 (6.0) 9 18 16	1 1 <th1< th=""> <th1< th=""> <th1< th=""></th1<></th1<></th1<>	co (0)	LENVIMA Median time to fi Interquartile range Minimum/maximents to first onset and range (weeks), a 12 15 18 21 24 27 30 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ge (Q1;Q3) num time to onset
			152 (43.2)	(5.1) (4.5)	(0.3) (1.1) (0.0)	0.0		ינ23.7 דע

PD-1 = programmed death receptor-1; PD-L1 = programmed death ligand 1.

Reference: 1. Motzer R, George S, Merchan JR, et al. Characterization and management of adverse reactions from the CLEAR study in advanced renal cell carcinoma treated with lenvatinib plus pembrolizumab. Oncologist. 2023;28(6):501-509. doi:10.1093/oncolo/oyac269 2. Interquartile range. Stat Trek. Accessed January 30, 2025. https://stattrek.com/statistics/ dictionary?definition=IQR

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information</u>. The <u>Medication Guide</u> also is available.

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying **Prescribing Information and Patient Information**.

Advanced I Carcinoma Stu			Rs			YTRUDA: lanagement	LENVIMA: AR Management	K < >			
Common ARs	Post H	loc An	alysis	: Time	to AR	Onset					
adverse reactions with KEYTRUDA + LENVIMA											
		MA. Dosely	terruption,	new furtion n	eination, pose AUDA: Dose WENTP	Internation n ^(%) Internation n ^(%) Median time MIN 0 3 6 9	 Median time to f Interquartile rang Minimum/maxin 	ge (Q1;Q3)			
Adverse Reaction Incidence, n (%) ^{b,c}	LEMVI	MALENVI	MAN LEWVI	MAN WENTP	AUD WEATE	Median time MIN 0 3 6 9	to first onset and range (weeks), 12 15 18 21 24 27 30	a Q1–Q3 33 36 MAX			
Hypertension ^d 198 (56.3)	32 (9.1)	42 (11.9)	3 (0.9)	11 (3.1)	1 (0.3)	0.1 3.0		∭ 126.9			
Dysphonia 105 (29.8)	2 (0.6)	2 (0.6)	0 (0.0)	0 (0.0)	0 (0.0)	0.1 3.0		∭ 129.3			
Fatigue ^e 222 (63.1)	39 (11.1)	34 (9.7)	2 (0.6)	26 (7.4)	1 (0.3)	0.1		∭ 128.3			
Proteinuria ^f 105 (29.8)	27 (7.7)	36 (10.2)	6 (1.7)	8 (2.3)	2 (0.6)	0.1		<u></u> 125.1			
Musculoskeletal pain 204 (58.0)	9 21 (6.0)	9 (2.6)	1 (0.3)	12 (3.4)	2 (0.6)	0.1 6.4		 35 148.6			
Stomatitis^h 152 (43.2)	18 (5.1)	16 (4.5)	1 (0.3)	4 (1.1)	0 (0.0)	0.1		∬ 125.9			

Adapted with permission from Motzer R, George S, Merchan JR, et al. Characterization and management of adverse reactions from the CLEAR study in advanced renal cell carcinoma treated with lenvatinib plus pembrolizumab. Oncologist. 2023;28(6):501-509. doi:10.1093/oncolo/oyac269

^aMedian time to first onset in patients who experienced the adverse reaction. Gray boxes represent Q1–Q3. Lines represent the range. ^bAny grade.

- at least 1 dose of any study drug.
- and labile blood pressure.
- ^eIncludes fatigue, asthenia, malaise, and lethargy.
- ^f Includes hemoglobinuria, nephrotic syndrome, and proteinuria.
- stiffness, myalgia, neck pain, noncardiac chest pain, pain in extremity, and pain in jaw.
- oropharyngeal pain, pharyngeal inflammation, and stomatitis.



°Percentages are based on the safety population of the KEYTRUDA + LENVIMA group (n=352). The safety population included all patients who received

^dIncludes essential hypertension, increased blood pressure, increased diastolic blood pressure, hypertension, hypertensive crisis, hypertensive retinopathy,

⁹Includes arthralgia, arthritis, back pain, bone pain, breast pain, musculoskeletal chest pain, musculoskeletal discomfort, musculoskeletal pain, musculoskeletal

^hIncludes aphthous ulcer, gingival pain, glossitis, glossodynia, mouth ulceration, mucosal inflammation, oral discomfort, oral mucosal blistering, oral pain,



Dosage and Administration	Selected Safety Information	Advanced Renal Cell Carcinoma Study-Specific ARs	Advanced Er Carcinoma Study			Rs			YTRUDA: anagement	LENVI AR Manaç		K < >
Fatal and Serious ARs	Discontinuation, Int	erruption, and Reduction Rates M	ost Common ARs _	Post H	loc An	alysis	Time	to AR	Onset			
IN KEYNOTE-	Post hoc analysis: Median time to first onset of select adverse reactions with KEYTRUDA + LENVIMA in KEYNOTE-581/CLEAR (n=352) ^{1,2} (continued) LIMITATION: This is a post hoc analysis based on data from KEYNOTE-581/CLEAR. No formal statistical testing was planned and, therefore, no conclusions can be drawn. • As this information is descriptive only, it may not be reflective of clinical practice; it should not replace physician judgement and evaluate of a potential adverse reaction should it occur. • Health care professionals should monitor and evaluate patients for the presence of potential adverse reactions throughout treatment with KEYTRUDA, in combination with LENVIMA, and following discontinuation.											
 As this information is description of the second second	iptive only, it may not be reflective only, it may not be reflective valuation of a potential adverse hould monitor and evaluate pations.	ve of clinical practice; it should not replace	Adverse Reaction Incidence, n (%) ^{b,c}	LENVI	AA. Dose In	Leruption,	AA. Disconti	DA: DOSE	underuption, interior, interior, interuption, interuption, interior, interin		Minimum/maxim	num time to onset
PD-1/PD-L1 blocking antibute treatment with PD-1/PD-L1	ody. While immune-mediated ac blocking antibodies, immune-r	e after starting treatment with a dverse reactions usually manifest during nediated adverse reactions can also	Rash ⁱ 131 (37.2)	20 (5.7)	14 (4.0)	5 (1.4)	10 (2.8)	8 (2.3)	0.1	11.4		<u>}</u> 127.4
 Data does not represent a c The interquartile range (Q1) 	:Q3) represents the time to ons	action that occurred during the CLEAR trial. et (the earliest treatment-emergent	Hypothyroidism ^j 200 (56.8)	6 (1.7)	4 (1.1)	1 (0.3)	5 (1.4)	2 (0.6)	0.1	14.3		∬ 93.1
from quartile 1 to quartile	3.	e 50% of patients who experienced that AR % of patients). ARs could have occurred	Nausea 126 (35.8)	15 (4.3)	18 (5.1)	1 (0.3)	5 (1.4)	1 (0.3)	0.1	14.4		<u> </u>
after the patient's last dose.	rotocol-defined follow-up period of 30 days I of the follow-up period or until resolution, ding to Common Terminology Criteria for	Decreased appetite ^k 143 (40.6)	16 (4.5)	27 (7.7)	1 (0.3)	9 (2.6)	1 (0.3)	0.1	14.6		∬ 150.1	
Adverse Events v4.03.			Weight decreased 105 (29.8)	9 (2.6)	10 (2.8)	1 (0.3)	5 (1.4)	2 (0.6)	1.1	17.4		<u></u> ∫∫ 114.1
			Diarrhea ¹ 218 (61.9)	62 (17.6)	57 (16.2)	5 (1.4)	36 (10.2)	4 (1.1)	0.3	20.0		∬ 118.0

Adapted with permission from Motzer R, George S, Merchan JR, et al. Characterization and management of adverse reactions from the CLEAR study in advanced renal cell carcinoma treated with lenvatinib plus pembrolizumab. Oncologist. 2023;28(6):501-509. doi:10.1093/oncolo/oyac269

^aMedian time to first onset in patients who experienced the adverse reaction. Gray boxes represent Q1–Q3. Lines represent the range. ^b Any grade.

^o Percentages are based on the safety population of the KEYTRUDA + LENVIMA group (n=352). The safety population included all patients who received at least 1 dose of any study drug.

Includes genital rash, infusion site rash, penile rash, rash, rash erythematous, rash macular, rash maculo-papular, rash papular, rash pruritic, and rash pustular.

^j Includes hypothyroidism, increased blood thyroid-stimulating hormone, and secondary hypothyroidism.

^k Includes decreased appetite and early satiety.

¹ Includes diarrhea and gastroenteritis.

Reference: 1. Motzer R, George S, Merchan JR, et al. Characterization and management of adverse reactions from the CLEAR study in advanced renal cell carcinoma treated with lenvatinib plus pembrolizumab. Oncologist. 2023;28(6):501-509. doi:10.1093/oncolo/oyac269 2. Interquartile range. Stat Trek. Accessed January 30, 2025. https://stattrek.com/statistics/ dictionary?definition=IQR

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information</u>. The <u>Medication Guide</u> also is available.

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying **Prescribing Information and Patient Information**.





Dosage and	Selected Safety	Advanced Renal Cell		ed Endometrial
Administration	Information	Carcinoma Study-Specific AF		Study-Specific ARs
Fatal and Serious AR	s Discontinuation, Int	erruption, and Reduction Rates	Most Common ARs	Post Hoc Analysis: Time

Fatal and serious adverse reactions in patients receiving KEYTRUDA + LENVIMA in KEYNOTE-775/Study 309

The safety of KEYTRUDA + LENVIMA was investigated in KEYNOTE-775/Study 309, a multicenter, open-label, randomized (1:1) active-controlled trial of patients with advanced endometrial carcinoma that was pMMR or not MSI-H, who were previously treated with at least one prior platinum-based chemotherapy regimen in any setting, including in the neoadjuvant and adjuvant settings. Patients with endometrial carcinoma that was pMMR or not MSI-H received KEYTRUDA 200 mg intravenously every 3 weeks with LENVIMA 20 mg orally once daily (n=342) or received doxorubicin or paclitaxel (n=325).

- The median duration of study treatment was 7.2 months (range: 1 day-26.8 months).
- The median duration of exposure to KEYTRUDA was 6.8 months (range: 1 day-25.8 months); for LENVIMA it was 6.7 months (range: 1 day-26.8 months).

Fatal adverse reactions occurred in 4.7% of patients treated with KEYTRUDA + LENVIMA, including 2 cases of pneumonia, and 1 case of the following:

Acute kidney injury	Intestinal perforation	Myelo
Acute myocardial infarction	Lower gastrointestinal hemorrhage	Pulmo
Colitis	Malignant gastrointestinal obstruction	Right
Decreased appetite	Multiple organ dysfunction syndrome	

Serious adverse reactions occurred in 50% of patients receiving KEYTRUDA + LENVIMA.

Serious adverse reactions (≥3%) were:

Hypertension (4.4%)

Urinary tract infection (3.2%)

pMMR = mismatch repair proficient; MSI-H = microsatellite instability-high







LENVIMA: **AR Management**

e to AR Onset





dysplastic syndrome

onary embolism

ventricular dysfunction



Dosage and Administration	Selected Safety Information	Advanced Renal Cell Carcinoma Study-Specific Al		ed Endometrial Study-Specific ARs	
Fatal and Serious ARs	Discontinuation, Int	terruption, and Reduction Rates	Most Common ARs	Post Hoc Analysis:	Time

Adverse reactions that led to discontinuation, dose interruption, and dose reduction in KEYNOTE-775/Study 309

Discontinuation and interruption rates for KEYTRUDA and for LENVIMA, and dose reduction rate for LENVIMA due to adverse reactions in KEYNOTE-775/Study 309

	KEYTRUDA	LENVIMA
Discontinuation	15%	26%
Dose interruption	48%	58%
Dose reduction	N/A	67%
N/A = not applicable.		

No dose reduction for KEYTRUDA is recommended.

Discontinuation of KEYTRUDA due to an adverse reaction occurred in 15% of patients. Discontinuation of LENVIMA due to an adverse reaction occurred in 26% of patients.

of **KEYTRUDA** was:

Increased alanine aminotransferase (1.2%)

of LENVIMA were:

Hypertension (2%)

Asthenia (1.8%)



Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information. The Medication Guide also is available. Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.





LENVIMA: **AR Management**

ne to AR Onset



The most common (≥1%) adverse reaction leading to discontinuation

The most common (≥1%) adverse reactions leading to discontinuation

Diarrhea (1.2%)

Proteinuria (1.2%)

Decreased appetite (1.2%)

Vomiting (1.2%)



Dosage and Administration	Selected Safety Information	Advanced Renal Cell Carcinoma Study-Specific A	Rs	Advanced Endometrial Carcinoma Study-Specific ARs		
Fatal and Serious AR	s Discontinuation, Int	erruption, and Reduction Rates	Mos	t Common ARs	Post Hoc Analysis:	Time
in KEYNOTE- Dose interruptions of adverse reaction occ	775/Study 309 f KEYTRUDA due to an a curred in 58% of patients	etions that led to do adverse reaction occurred in 4 5. Dose reductions of LENVIM 6 leading to interruption of KE	18% of A due	patients. Dose i to adverse reac	nterruptions of LEN	VIM
Diarrhea (8%)	· · ·	Increased aspartate a	aminotra	nsferase (3.8%)		
Increased alanine aminotransferase (4.4%)		Hypertension (3.5%)				
The most common ((≥2%) adverse reactions	leading to interruption of LE		A were:		
Hypertension (11%)		Increased alanine am	inotrans	ferase (3.5%)	Uri	nary t
Diarrhea (11%)	1%) Fatigue (3.5%)		Inc	rease		

Proteinuria (6%)

Decreased appetite (5%)

Vomiting (5%)

Weight decreased (2.6%)

Abdominal pain (2.9%)

Nausea (3.5%)

The most common (≥5%) adverse reactions resulting in dose reduction of LENVIMA were:

Hypertension (18%)	Proteinuria (7%)	Asthe
Diarrhea (11%)	Fatigue (7%)	Weigh
Palmar-plantar erythrodysesthesia syndrome (9%)	Decreased appetite (6%)	

No dose reduction for KEYTRUDA is recommended.



Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information. The Medication Guide also is available. Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.





LENVIMA: **AR Management**

ne to AR Onset

duction

MA due to an of patients.

tract infection (2.6%)

sed aspartate aminotransferase (2.3%)

Asthenia (2.3%)

Palmar-plantar erythrodysesthesia (2%)

enia (5%)

ht decreased (5%)





Dosage and Administration	Selected Safety Information	Advanced Renal Cell Carcinoma Study-Specific A	Rs		d Endometrial udy-Specific ARs	
Fatal and Serious ARs	Discontinuation, Inte	erruption, and Reduction Rates	Most	Common ARs	Post Hoc Analysis:	Time

Adverse reactions occurring in ≥20% of patients receiving KEYTRUDA + LENVIMA in KEYNOTE-775/Study 309

	KEYTRUDA + LENVIMA (n=342)		Doxorubicin or Paclitaxel (n=325)			
Adverse Reaction	All Grades ^a (%)	Grades 3-4 (%)	All Grades ^a (%)	Grades 3-4 (%)		
Hypothyroidism⁵	67	0.9	0.9	0		
Hypertension [°]	67	39	6	2.5		
Fatigue ^d	58	11	54	6		
Diarrhea ^e	55	8	20	2.8		
Musculoskeletal disorders ^f	53	5	27	0.6		
Nausea	49	2.9	47	1.5		
Decreased appetite ^g	44	7	21	0		
Vomiting	37	2.3	21	2.2		
Stomatitis ^h	35	2.6	26	1.2		
Abdominal pain ⁱ	34	2.6	21	1.2		
Weight loss	34	10	6	0.3		
Urinary tract infection ^j	31	5	13	1.2		
Proteinuria ^k	29	6	3.4	0.3		
Constipation	27	0	25	0.6		
Headache	26	0.6	9	0.3		
Hemorrhagic events ^ı	25	2.6	15	0.9		
Palmar-plantar erythrodysesthesia ^m	23	2.9	0.9	0		
Dysphonia	22	0	0.6	0		
Rash ⁿ	20	2.3	4.9	0		

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information. The Medication Guide also is available. Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.



LENVIMA: **AR Management**

ne to AR Onset



^aGraded per NCI-CTCAE v4.03.

^bIncludes hypothyroidism, blood thyroid stimulating hormone increased, thyroiditis, primary hypothyroidism, secondary hypothyroidism.

^cIncludes hypertension, blood pressure increased, hypertensive crisis, secondary hypertension, blood pressure abnormal, hypertensive encephalopathy, blood pressure fluctuation.

^dIncludes fatigue, asthenia, malaise, lethargy.

^eIncludes diarrhea, gastroenteritis.

flncludes arthralgia, myalgia, back pain, pain in extremity, bone pain, neck pain, musculoskeletal pain, arthritis, musculoskeletal chest pain, musculoskeletal stiffness, non-cardiac chest pain, pain in jaw.

^gIncludes decreased appetite, early satiety.

^hIncludes stomatitis, mucosal inflammation, oropharyngeal pain, aphthous ulcer, mouth ulceration, cheilitis, oral mucosal erythema, tongue ulceration.

ⁱ Includes abdominal pain, abdominal pain upper, abdominal pain lower, abdominal discomfort,

gastrointestinal pain, abdominal tenderness, epigastric discomfort.

^j Includes urinary tract infection, cystitis, pyelonephritis.

^kIncludes proteinuria, protein urine present, hemoglobinuria.

¹Includes epistaxis, vaginal hemorrhage, hematuria, gingival bleeding, metrorrhagia, rectal hemorrhage, contusion, hematochezia, cerebral hemorrhage, conjunctival hemorrhage, gastrointestinal hemorrhage, hemoptysis, hemorrhage urinary tract, lower gastrointestinal hemorrhage, mouth hemorrhage,

petechiae, uterine hemorrhage, anal hemorrhage, blood blister, eye hemorrhage, hematoma, hemorrhage intracranial, hemorrhagic stroke, injection site hemorrhage, melena, purpura, stoma site hemorrhage, upper gastrointestinal hemorrhage, wound hemorrhage, blood urine present, coital bleeding, ecchymosis, hematemesis, hemorrhage subcutaneous, hepatic hematoma, injection site bruising, intestinal hemorrhage laryngeal hemorrhage, pulmonary hemorrhage, subdural hematoma, umbilical hemorrhage, vessel puncture site bruise.

^mIncludes palmar-plantar erythrodysesthesia syndrome, palmar erythema, plantar erythema, skin reaction. "Includes rash, rash maculo-papular, rash pruritic, rash erythematous, rash macular, rash pustular, rash papular, rash vesicular, application site rash.

NCI-CTCAE = National Cancer Institute-Common Terminology Criteria for Adverse Events.





Dosage and Administration	Selected Safety Information	Advanced Renal Cell Carcinoma Study-Specific A			d Endometrial tudy-Specific ARs	
Fatal and Serious ARs	Discontinuation, Int	erruption, and Reduction Rates	Most Commo	on ARs	Post Hoc Analysis:	Time

Post hoc analysis: Median time to first onset of select adverse reactions in the pMMR or not MSI-H population from KEYNOTE-775/Study 309 (safety population), n=342¹⁻³

LIMITATION: This is a post hoc analysis based on data from KEYNOTE-775/Study 309. No statistical testing was planned and, therefore. no conclusions can be drawn.

- As this information is descriptive only, it may not be reflective of clinical practice; it should not replace physician judgment and evaluation if a potential adverse reaction should occur.
- Health care professionals should monitor and evaluate patients for the presence of potential adverse reactions throughout treatment with KEYTRUDA, in combination with LENVIMA, and following discontinuation.
- Immune-mediated adverse reactions can occur at any time after starting treatment with a PD-1/PD-L1 blocking antibody. While immune-mediated adverse reactions usually manifest during treatment with PD-1/PD-L1 blocking antibodies, immune-mediated adverse reactions can also manifest after discontinuation of PD-1/PD-L1 blocking antibodies.
- Data does not present a complete list of every AR that occurred during KEYNOTE-775/ Study 309.
- The interguartile range (Q1:Q3) represents the time to onset (the earliest treatmentemergent AR start date) for the AR for the middle 50% of the patients who experienced that AR from 01 to 03.
- ARs could have occurred while receiving LENVIMA and/or KEYTRUDA or within the protocol-defined follow-up period of approximately 30 days after the last dose of study treatment or before the initiation of a new anticancer treatment, whichever came first.
- Grading of ARs was performed according to Common Terminology Criteria for Adverse Events v4.03.

AR = adverse reaction

References: 1. Colombo N, Lorusso D, Monk BJ, et al. Characterization and management of adverse reactions in patients with advanced endometrial cancer receiving lenvatinib plus pembrolizumab. Oncologist. 2024;29(1):25-35. doi:10.1093/oncolo/oyad201 2. Colombo N, Lorusso D, Monk BJ, et al. Supplement to: Characterization and management of adverse reactions in patients with advanced endometrial cancer receiving lenvatinib plus pembrolizumab. Oncologist. 2024;29(1):25-35. doi:10.1093/oncolo/oyad201 3. Interquartile range. Stat Trek. Accessed January 30, 2025. https://stattrek.com/statistics/dictionary?definition=IQR

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Median time to first onset

Reactionn%MIN (Hypertension22866.7%0.1Fatigued19857.9%0.1Musculoskeletal disorderse18152.9%0.1Proteinuriaf10029.2%0.1Stomatitisg12035.1%0.1Decreased appetiteh15244.4%0.1	Adverse	Inci		
Fatigued 198 57.9% 0.1 Musculoskeletal disorderse 181 52.9% 0.1 Proteinuriaf 100 29.2% 0.1 Stomatitisg 120 35.1% 0.1 Decreased 152 44.4% 0.1	Reaction	n	%	MIN
Musculoskeletal disorderse 181 52.9% 0.1 Proteinuria ^f 100 29.2% 0.1 Stomatitis ^g 120 35.1% 0.1 Decreased 152 44.4% 0.1	Hypertension ^c	228	66.7%	0.1
disorderse 181 52.9% 0.1 Proteinuria ^f 100 29.2% 0.1 Stomatitis ^g 120 35.1% 0.1 Decreased 152 44.4% 0.1	Fatigue ^d	198	57.9%	0.1
Stomatitis ^g 120 35.1% 0.1 Decreased 152 44.4% 0.1		181	52.9%	0.1
Decreased	Proteinuria ^f	100	29.2%	0.1
159 1119 01	Stomatitis ⁹	120	35.1%	0.1
		152	44.4%	0.1

Data cutoff date: October 26, 2020

^a All grades.

- ^b Median time to first onset in patients who experienced the adverse reaction.
- pressure fluctuation
- ^d Includes fatigue, asthenia, malaise, and lethargy.
- non-cardiac chest pain, and pain in jaw.
- ^f Includes proteinuria, protein urine present, and hemoglobinuria.
- ^h Includes decreased appetite and early satiety.







^c Includes hypertension, blood pressure increased, hypertensive crisis, secondary hypertension, blood pressure abnormal, hypertensive encephalopathy, and blood

e Includes arthralgia, myalgia, back pain, pain in extremity, bone pain, neck pain, musculoskeletal pain, arthritis, musculoskeletal chest pain, musculoskeletal stiffness,

⁹ Includes stomatitis, mucosal inflammation, oropharyngeal pain, aphthous ulcer, mouth ulceration, cheilitis, oral mucosal erythema, and tongue ulceration.

Dosage and Administration	Selected Safety Information	Advanced Renal Cell Carcinoma Study-Specific Al		d Endometrial tudy-Specific ARs		
Fatal and Serious ARs	Discontinuation, Int	erruption, and Reduction Rates	Most Common ARs	Post Hoc Analysis: Tim		
Post hoc analysis: Median time to first onset of select adverse reactions in the population from KEYNOTE-775/Study 309 (safety population), n=342 ¹⁻³ (continued)						

LIMITATION: This is a post hoc analysis based on data from KEYNOTE-775/Study 309. No statistical testing was planned and, therefore, no conclusions can be drawn.

- As this information is descriptive only, it may not be reflective of clinical practice; it should not replace physician judgment and evaluation if a potential adverse reaction should occur.
- Health care professionals should monitor and evaluate patients for the presence of potential adverse reactions throughout treatment with KEYTRUDA, in combination with LENVIMA, and following discontinuation.
- Immune-mediated adverse reactions can occur at any time after starting treatment with a PD-1/PD-L1 blocking antibody. While immune-mediated adverse reactions usually manifest during treatment with PD-1/PD-L1 blocking antibodies, immune-mediated adverse reactions can also manifest after discontinuation of PD-1/PD-L1 blocking antibodies.
- Data does not present a complete list of every AR that occurred during KEYNOTE-775/ Study 309.
- The interquartile range (Q1:Q3) represents the time to onset (the earliest treatmentemergent AR start date) for the AR for the middle 50% of the patients who experienced that AR from Q1 to Q3.
- ARs could have occurred while receiving LENVIMA and/or KEYTRUDA or within the protocol-defined follow-up period of approximately 30 days after the last dose of study treatment or before the initiation of a new anticancer treatment, whichever came first.
- Grading of ARs was performed according to Common Terminology Criteria for Adverse Events v4.03.

Median time to first onset

Adverse Reaction	Inci n	MIN	
Nausea	169	% 49.4%	0.1
Diarrhea ⁱ	188	55.0%	0.1
Vomiting	125	36.5%	0.1
Hypothyroidism ^j	229	67.0%	2.0
Palmar-plantar erythrodysesthesia ^k	77	22.5%	0.4
Weight decreased	117	34.2%	0.1

Data cutoff date: October 26, 2020.

^a All grades.

^bMedian time to first onset in patients who experienced the adverse reaction. Includes diarrhea and gastroenteritis.

¹Includes hypothyroidism, blood thyroid stimulating hormone increased, thyroiditis, primary hypothyroidism, and secondary hypothyroidism. ^kIncludes palmar-plantar erythrodysesthesia syndrome, palmar erythema, plantar erythema, and skin reaction.

References: 1. Colombo N, Lorusso D, Monk BJ, et al. Characterization and management of adverse reactions in patients with advanced endometrial cancer receiving lenvatinib plus pembrolizumab. *Oncologist*. 2024;29(1):25–35. doi:10.1093/oncolo/oyad201 **2.** Colombo N, Lorusso D, Monk BJ, et al. Supplement to: Characterization and management of adverse reactions in patients with advanced endometrial cancer receiving lenvatinib plus pembrolizumab. *Oncologist*. 2024;29(1):25–35. doi:10.1093/oncolo/oyad201 **3.** Interquartile range. Stat Trek. Accessed January 30, 2025. https://stattrek.com/statistics/dictionary?definition=IQR

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Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information and Patient Information</u>.





General Recommendations

Definitions and Terms FDA and CTCAE Definitions for AE and AR >

Respiratory

Immune-Mediated Pneumonitis >

Gastrointestinal

Immune-Mediated Colitis >

Hepatic

Immune-Mediated Hepatitis With No Tumor Involvement of the Liver >

Immune-Mediated Hepatitis With Tumor Involvement of the Liver >

Immune-Mediated Endocrinopathies

Adrenal Insufficiency >

Hypophysitis >

Thyroid Disorders >

Type 1 Diabetes Mellitus >

Renal

Immune-Mediated Nephritis With Renal Dysfunction >

Dermatological

Immune-Mediated Dermatologic Adverse Reactions >

Cardiovascular Immune-Mediated Myocarditis >

Neurological

Immune-Mediated Neurological Toxicities >

Hematopoietic Stem Cell Transplantation (HSCT) Complications of Allogeneic HSCT >

Other

Increased Mortality in Patients With Multiple Myeloma > Other Immune-Mediated Adverse Reactions (IMARs) >

Systemic Infusion-Related Reactions >

Help manage your patients' adverse reactions to **KEYTRUDA**

- When administering KEYTRUDA in combination with LENVIMA, modify the dosage of one or both drugs as appropriate. Withhold or discontinue KEYTRUDA as shown in this resource.
- No dose reductions of KEYTRUDA are recommended.
- In general, withhold KEYTRUDA for severe (Grade 3) immune-mediated adverse reactions.
- Permanently discontinue KEYTRUDA for:
- Life-threatening (Grade 4) immune-mediated adverse reactions.
- Recurrent severe (Grade 3) immune-mediated reactions that require systemic immunosuppressive treatment.
- An inability to reduce corticosteroid dose to 10 mg or less of prednisone or equivalent per day within 12 weeks of initiating steroids.
- Dosage modifications for KEYTRUDA for adverse reactions that require management that differs from these general guidelines are summarized on the following pages.

Immune-mediated adverse reactions, which may be severe or fatal, can occur in any organ system or tissue, can affect more than one body system simultaneously, and can occur at any time after starting treatment or after discontinuation of treatment. Important immune-mediated adverse reactions listed here may not include all possible severe and fatal immune-mediated adverse reactions.



Patient Counseling Information

Advise patients to read the FDA-approved patient labeling (Medication Guide).

For information regarding Common Terminology Criteria for Adverse Events (CTCAE) grading, click here.

PD-1 = programmed death receptor-1; PD-L1 = programmed death ligand 1.

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information. The Medication Guide also is available.

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- Evaluate liver enzymes, creatinine, and thyroid function at baseline and periodically during treatment.
- Institute medical management promptly, including specialty consultation as appropriate.

Withhold or permanently discontinue KEYTRUDA depending on severity of the immune-mediated adverse reaction.

- Upon improvement to Grade 1 or less, initiate corticosteroid taper and continue to taper over at least 1 month.
- Consider administration of other systemic immunosuppressants in patients whose immune-mediated adverse reactions are not controlled with corticosteroid therapy.
- Toxicity management guidelines for adverse reactions that do not necessarily require systemic steroids (eg, endocrinopathies and dermatologic reactions) are discussed on the following pages.

- Monitor patients closely for symptoms and signs that may be clinical manifestations of underlying immune-mediated adverse reactions.
- Early identification and management are essential to ensure safe use of anti-PD-1/PD-L1 treatments.
- In cases of suspected immune-mediated adverse reactions, initiate appropriate workup to exclude alternative etiologies, including infection.
- In general, if KEYTRUDA requires interruption or discontinuation, administer systemic corticosteroid therapy (1 to 2 mg/kg/day prednisone or equivalent) until improvement to Grade 1 or less.

· Additional monitoring and management considerations for selected immunemediated adverse reactions are also discussed



Advanced Renal Cell Carcinoma Study-Specific ARs

General Recommendations >

Definitions and Terms FDA and CTCAE Definitions for AE and AR

Respiratory Immune-Mediated Pneumonitis >

Gastrointestinal

Immune-Mediated Colitis >

Hepatic

Immune-Mediated Hepatitis With No Tumor Involvement of the Liver >

Immune-Mediated Hepatitis With Tumor Involvement of the Liver >

Immune-Mediated Endocrinopathies

Adrenal Insufficiency >

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Hematopoietic Stem Cell Transplantation (HSCT) Complications of Allogeneic HSCT >

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Other Immune-Mediated Adverse Reactions (IMARs) >

Systemic

Infusion-Related Reactions >

Use in Specific Populations

Embryo-Fetal Toxicity and Lactation >

FDA and CTCAE Definitions for an Adverse Event and Adverse Reaction

FDA Definitions for an Adverse Event and Adverse **Reaction**¹

 Adverse event (AE) means any untoward medical occurrence associated with the use of a drug in humans, whether or not considered drug related.

Adverse reaction (AR) means any adverse event caused by a drug.

- Adverse reactions are a subset of all suspected adverse reactions where there is reason to conclude that the drug caused the event.

CTCAE Terms²

- - Grade 1: Mild; asymptomatic or mild symptoms; clinical or diagnostic observations only; intervention not indicated.
 - Grade 2: Moderate; minimal, local or noninvasive intervention indicated; limiting age-appropriate instrumental ADL.^b
 - Grade 3: Severe or medically significant but not immediately lifethreatening; hospitalization or prolongation of hospitalization indicated; disabling; limiting self-care ADL.^c

Common Terminology Criteria for Adverse Events (CTCAE) grading definitions in this resource are listed according to version 4.0, which is the version that is used in the Prescribing Information for KEYTRUDA and for LENVIMA® (lenvatinib).

^aA semicolon indicates "or" within the description of the grade.

^bInstrumental ADL refer to preparing meals, shopping for groceries or clothes, using the telephone, managing money, etc.² °Self-care ADL refer to bathing, dressing and undressing, feeding self, using the toilet, taking medications, and not bedridden.² ADL = activities of daily living.

References: 1. IND application reporting: safety reports. US Food and Drug Administration. Content current as of October 19, 2021. Accessed March 6, 2025. https://www.fda.gov/drugs/ investigational-new-drug-ind-application/ind-application-reporting-safety-reports **2.** National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE). v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

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• Grades^a refers to the severity of the AE. The CTCAE displays Grades 1 through 5 with unique clinical descriptions of severity for each AE based on this general guideline:

- Grade 4: Life-threatening consequences; urgent intervention indicated.
- Grade 5: Death related to AE.



Advanced Renal Cell Carcinoma Study-Specific ARs

Advanced Endometrial Carcinoma Study-Specific ARs

General Recommendations >

Definitions and Terms FDA and CTCAE Definitions for AE and AR >

Respiratory **Immune-Mediated Pneumonitis**

Gastrointestinal Immune-Mediated Colitis >

Hepatic

Immune-Mediated Hepatitis With No Tumor Involvement of the Liver > Immune-Mediated Hepatitis With

Tumor Involvement of the Liver >

Immune-Mediated Endocrinopathies Adrenal Insufficiency > Hypophysitis > Thyroid Disorders >

Type 1 Diabetes Mellitus >

Renal

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Immune-Mediated Pneumonitis [see Warnings and Precautions]



Monitoring and Management

 See general recommendations for adverse reaction management of KEYTRUDA here.





^aResume in patients with complete or partial resolution (Grade 0 to 1) after corticosteroid taper. Permanently discontinue if no complete or partial resolution within 12 weeks of initiating steroids or inability to reduce prednisone to 10 mg per day or less (or equivalent) within 12 weeks of initiating steroids.

Reference: 1. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE). v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information. The Medication Guide also is available.

Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Medication Guide).
- Inform patients of the risk of immune-mediated adverse reactions that may be severe or fatal, may occur after discontinuation of treatment, and may require corticosteroid treatment and interruption or discontinuation of KEYTRUDA.
- Please advise patients to contact their health care provider immediately for new or worsening cough, chest pain, or shortness of breath.

Dosage Modification Based on Prescribing Information for KEYTRUDA

Permanently **discontinue**



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Immune-Mediated Colitis [see Warnings and Precautions]

Monitoring and Management =

- See general recommendations for adverse reaction management of KEYTRUDA here.
- Colitis may present with diarrhea.
- CMV infection/reactivation has been reported in patients with corticosteroid-refractory immune-mediated colitis. In cases of corticosteroid-refractory colitis, consider repeating infectious workup to exclude alternative etiologies.





^aResume in patients with complete or partial resolution (Grade 0 to 1) after corticosteroid taper. Permanently discontinue if no complete or partial resolution within 12 weeks of initiating steroids or inability to reduce prednisone to 10 mg per day or less (or equivalent) within 12 weeks of initiating steroids. CMV = cytomegalovirus.

Reference: 1. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE). v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information. The Medication Guide also is available.

Patient Counseling Information

 Advise patients to read the FDA-approved patient labeling (Medication Guide).

 Inform patients of the risk of immune-mediated adverse reactions that may be severe or fatal, may occur after discontinuation of treatment, and may require corticosteroid treatment and interruption or discontinuation of KEYTRUDA.

 Please advise patients to contact their health care provider immediately for diarrhea or severe abdominal pain.

Dosage Modification Based on Prescribing Information for KEYTRUDA

Permanently discontinue



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Immune-Mediated Hepatitis With No Tumor Involvement of the Liver

[see Warnings and Precautions]



Monitoring and Management

- See general recommendations for adverse reaction management of KEYTRUDA here.
- Evaluate liver enzymes at baseline and periodically during treatment.



Severity Based on Prescribing Information Dosage Modification Based on Prescribing Information for KEYTRUDA for **KEYTRUDA** AST or ALT increases to more than 3 and up to 8 times ULN or **Withhold**^a total bilirubin increases to more than 1.5 and up to 3 times ULN AST or ALT increases to more than 8 times ULN Permanently discontinue or total bilirubin increases to more than 3 times ULN

^aResume in patients with complete or partial resolution (Grade 0 to 1) after corticosteroid taper. Permanently discontinue if no complete or partial resolution within 12 weeks of initiating steroids or inability to reduce prednisone to 10 mg per day or less (or equivalent) within 12 weeks of initiating steroids. AST = aspartate aminotransferase; ALT = alanine aminotransferase; ULN = upper limit of normal.

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information. The Medication Guide also is available.

Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Medication Guide).
- · Inform patients of the risk of immune-mediated adverse reactions that may be severe or fatal, may occur after discontinuation of treatment, and may require corticosteroid treatment and interruption or discontinuation of KEYTRUDA.
- Please advise patients to contact their health care provider immediately for jaundice, severe nausea or vomiting, or easy bruising or bleeding.



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Immune-Mediated Hepatitis With Tumor Involvement of the Liver

[see Warnings and Precautions]



Monitoring and Management

- · See general recommendations for adverse reaction management of KEYTRUDA here.
- Evaluate liver enzymes at baseline and periodically during treatment.



Severity Based on Prescribing Information Dosage Modification Based on Prescribing Information for KEYTRUDA for **KEYTRUDA** Baseline AST or ALT is more than 1 and up to 3 times ULN and increases to more than 5 and up to 10 times ULN or Withhold^{a,b} baseline AST or ALT is more than 3 and up to 5 times ULN and increases to more than 8 and up to 10 times ULN AST or ALT increases to more than 10 times ULN Permanently discontinue or total bilirubin increases to more than 3 times ULN

^aResume in patients with complete or partial resolution (Grade 0 to 1) after corticosteroid taper. Permanently discontinue if no complete or partial resolution within 12 weeks of initiating steroids or inability to reduce prednisone to 10 mg per day or less (or equivalent) within 12 weeks of initiating steroids. ^bIf AST and ALT are less than or equal to ULN at baseline, withhold or permanently discontinue KEYTRUDA based on recommendations for hepatitis with no liver involvement. AST = aspartate aminotransferase; ALT = alanine aminotransferase; ULN = upper limit of normal.

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information. The Medication Guide also is available.

Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Medication Guide).
- · Inform patients of the risk of immune-mediated adverse reactions that may be severe or fatal, may occur after discontinuation of treatment, and may require corticosteroid treatment and interruption or discontinuation of KEYTRUDA.
- Please advise patients to contact their health care provider immediately for jaundice, severe nausea or vomiting, or easy bruising or bleeding.



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Adrenal Insufficiency [see Warnings and Precautions]

Monitoring and Management

- See general recommendations for adverse reaction management of KEYTRUDA <u>here</u>.
- KEYTRUDA can cause primary or secondary adrenal insufficiency.
- For Grade 2 or higher adrenal insufficiency, initiate symptomatic treatment, including hormone replacement as clinically indicated. Withhold KEYTRUDA depending on severity.
- Systemic corticosteroids were required in 77% (17/22) of patients with adrenal insufficiency; of these, the majority remained on systemic corticosteroids.
- · Monitor patients for signs and symptoms of adrenal insufficiency.



Reference: 1. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE). v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information</u>. The <u>Medication Guide</u> also is available.

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Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Medication Guide).
- Inform patients of the risk of immune-mediated adverse reactions that may be severe or fatal, may occur after discontinuation of treatment, and may require corticosteroid treatment and interruption or discontinuation of KEYTRUDA.
- Advise patients to contact their health care provider immediately for signs or symptoms of adrenal insufficiency.

Dosage Modification Based on Prescribing Information for KEYTRUDA

Withhold until clinically stable or permanently **discontinue** depending on severity



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Hypophysitis [see Warnings and Precautions]

Monitoring and Management

- See general recommendations for adverse reaction management of KEYTRUDA here.
- Hypophysitis can present with acute symptoms associated with mass effect such as headache, photophobia, or visual field defects.
- Hypophysitis can cause hypopituitarism.
- Initiate hormone replacement as indicated.
 - Systemic corticosteroids were required in 94% (16/17) of patients with hypophysitis; of these, the majority remained on systemic corticosteroids.



	CAE Grading nd CTCAE for specific ARs related to hypophysitis.	Dos Pre
Grade 1	Mild; asymptomatic or mild symptoms; clinical or diagnostic observations only; intervention not indicated ¹	
Grade 2	Moderate; minimal, local or noninvasive intervention indicated; limiting age-appropriate instrumental ADL ¹	
Grade 3	Severe or medically significant but not immediately life-threatening; hospitalization or prolongation of hospitalization indicated; disabling; limiting self-care ADL ¹	Withhold u
Grade 4	Life-threatening consequences; urgent intervention indicated ¹	depending

Reference: 1. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE). v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information. The Medication Guide also is available.

Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Medication Guide).
- · Inform patients of the risk of immune-mediated adverse reactions that may be severe or fatal, may occur after discontinuation of treatment, and may require corticosteroid treatment and interruption or discontinuation of KEYTRUDA.
- Advise patients to contact their health care provider immediately for signs or symptoms of hypophysitis.

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Thyroid Disorders [see Warnings and Precautions]

Monitoring and Management

- See general recommendations for adverse reaction management of KEYTRUDA <u>here</u>.
- Thyroid disorders can include thyroiditis, hyperthyroidism, and hypothyroidism.
- Thyroiditis can present with or without endocrinopathy.
- Hypothyroidism can follow hyperthyroidism.
- Evaluate thyroid function at baseline and periodically during treatment.
- Initiate treatment (hormone replacement for hypothyroidism or institute medical management for hyperthyroidism) as clinically indicated.

	CAE Grading d CTCAE for specific ARs related to thyroid disorders.		Dos Pre
Grade 1	Mild; asymptomatic or mild symptoms; clinical or diagnostic observations only; intervention not indicated ¹		
Grade 2	Moderate; minimal, local or noninvasive intervention indicated; limiting age-appropriate instrumental ADL ¹		
Grade 3	Severe or medically significant but not immediately life-threatening; hospitalization or prolongation of hospitalization indicated; disabling; limiting self-care ADL ¹	Withl depe	nold u
		uepe	ung
Grade 4	Life-threatening consequences; urgent intervention indicated ¹		

Reference: 1. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE). v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information</u>. The <u>Medication Guide</u> also is available.

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Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Medication Guide).
- Inform patients of the risk of immune-mediated adverse reactions that may be severe or fatal, may occur after discontinuation of treatment, and may require corticosteroid treatment and interruption or discontinuation of KEYTRUDA.
- Advise patients to contact their health care provider immediately for signs or symptoms of hypothyroidism or hyperthyroidism.

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Type 1 Diabetes Mellitus, Which Can Present With Diabetic Ketoacidosis

[see Warnings and Precautions]

Monitoring and Management

- See general recommendations for adverse reaction management of KEYTRUDA <u>here</u>.
- Type 1 diabetes mellitus can present with diabetic ketoacidosis.
- Monitor patients for hyperglycemia or other signs and symptoms of diabetes.
- Initiate treatment with insulin as clinically indicated.



ULN = upper limit of normal.

Reference: 1. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE). v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information</u>. The <u>Medication Guide</u> also is available.



Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Medication Guide).
- Inform patients of the risk of immune-mediated adverse reactions that may be severe or fatal, may occur after discontinuation of treatment, and may require corticosteroid treatment and interruption or discontinuation of KEYTRUDA.
- Advise patients to contact their health care provider immediately for signs or symptoms of type 1 diabetes.

Dosage Modification Based on Prescribing Information for KEYTRUDA

Withhold until clinically stable or permanently **discontinue** depending on severity



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Immune-Mediated Nephritis With Renal Dysfunction [see Warnings and Precautions]

Monitoring and Management =

- See general recommendations for adverse reaction management of KEYTRUDA here.
- KEYTRUDA can cause immune-mediated nephritis.
- Evaluate creatinine at baseline and periodically during treatment.





^aResume in patients with complete or partial resolution (Grade 0 to 1) after corticosteroid taper. Permanently discontinue if no complete or partial resolution within 12 weeks of initiating steroids or inability to reduce prednisone to 10 mg per day or less (or equivalent) within 12 weeks of initiating steroids. ULN = upper limit of normal.

Reference: 1. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE). v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information. The Medication Guide also is available.

Patient Counseling Information

 Advise patients to read the FDA-approved patient labeling (Medication Guide).

· Inform patients of the risk of immune-mediated adverse reactions that may be severe or fatal, may occur after discontinuation of treatment, and may require corticosteroid treatment and interruption or discontinuation of KEYTRUDA.

 Advise patients to contact their health care provider immediately for signs or symptoms of nephritis.

Dosage Modification Based on Prescribing Information for KEYTRUDA

Permanently discontinue



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Immune-Mediated Dermatologic Adverse Reactions [see Warnings and Precautions]

= **Monitoring and Management**

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or DRESS

- See general recommendations for adverse reaction management of KEYTRUDA here.
- KEYTRUDA can cause immune-mediated rash or dermatitis.
- Exfoliative dermatitis, including SJS, DRESS, and TEN, has occurred with PD-1/PD-L1 blocking antibodies. Monitor patients for signs and symptoms of suspected severe skin reactions.
- Topical emollients and/or topical corticosteroids may be adequate to treat mild to moderate nonexfoliative rashes.





^aResume in patients with complete or partial resolution (Grade 0 to 1) after corticosteroid taper. Permanently discontinue if no complete or partial resolution within 12 weeks of initiating steroids or inability to reduce prednisone to 10 mg per day or less (or equivalent) within 12 weeks of initiating steroids. SJS = Stevens-Johnson syndrome; DRESS = drug rash with eosinophilia and systemic symptoms; TEN = toxic epidermal necrolysis.

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information. The Medication Guide also is available.

Patient Counseling Information

 Advise patients to read the FDA-approved patient labeling (Medication Guide).

 Inform patients of the risk of immune-mediated adverse reactions that may be severe or fatal, may occur after discontinuation of treatment, and may require corticosteroid treatment and interruption or discontinuation of KEYTRUDA.

• Advise patients to contact their health care provider immediately for any signs or symptoms of severe skin reactions, SJS, or TEN.

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Permanently discontinue



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Immune-Mediated Myocarditis [see Warnings and Precautions]



Monitoring and Management

 See general recommendations for adverse reaction management of KEYTRUDA <u>here</u>.



	CAE Grading I CTCAE for specific ARs related to immune-mediated myocarditis.		Dos Pre
Grade 1	Asymptomatic with laboratory (eg, BNP [B-Natriuretic Peptide]) or cardiac imaging abnormalities ¹		
Grade 2	Symptoms with mild to moderate activity or exertion ¹		
Grade 3	Severe with symptoms at rest or with minimal activity or exertion; intervention indicated ¹	Perm	nanent
	Life-threatening consequences; urgent intervention indicated		
Grade 4	(eg, continuous IV therapy or mechanical hemodynamic support) ¹		

IV = intravenous.

Reference: 1. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE). v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information</u>. The <u>Medication Guide</u> also is available.

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Patient Counseling Information

• Advise patients to read the FDA-approved patient labeling (Medication Guide).

• Inform patients of the risk of immune-mediated adverse reactions that may be severe or fatal, may occur after discontinuation of treatment, and may require corticosteroid treatment and interruption or discontinuation of KEYTRUDA.

• Advise patients that immune-mediated adverse reactions can occur and may involve any organ system, and to contact their health care provider immediately for any new or worsening signs or symptoms.

osage Modification Based on rescribing Information for KEYTRUDA

ently **discontinue**



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Immune-Mediated Neurological Toxicities [see Warnings and Precautions]



Monitoring and Management

 See general recommendations for adverse reaction management of KEYTRUDA here.



		CAE Grading d CTCAE for specific ARs related to immune-mediated neurological toxicities.		Dos Pre
G	irade 1	Asymptomatic or mild symptoms; clinical or diagnostic observations only; intervention not indicated ¹		
G	arade 2	Moderate; minimal, local or noninvasive intervention indicated; limiting age-appropriate instrumental ADL ¹	With	holdª
G	irade 3	Severe or medically significant but not immediately life-threatening; hospitalization or prolongation of hospitalization indicated; disabling; limiting self-care ADL ¹	Perm	nanen
G	arade 4	Life-threatening consequences; urgent intervention indicated ¹		

^aResume in patients with complete or partial resolution (Grade 0 to 1) after corticosteroid taper. Permanently discontinue if no complete or partial resolution within 12 weeks of initiating steroids or inability to reduce prednisone to 10 mg per day or less (or equivalent) within 12 weeks of initiating steroids.

Reference: 1. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE). v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information. The Medication Guide also is available.

Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Medication Guide).
- · Inform patients of the risk of immune-mediated adverse reactions that may be severe or fatal, may occur after discontinuation of treatment, and may require corticosteroid treatment and interruption or discontinuation of KEYTRUDA.
- · Advise patients that immune-mediated adverse reactions can occur and may involve any organ system, and to contact their health care provider immediately for any new or worsening signs or symptoms.

sage Modification Based on escribing Information for KEYTRUDA

ntly **discontinue**



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Complications of Allogeneic Hematopoietic Stem Cell Transplantation (HSCT)

[see Warnings and Precautions]

Monitoring and Management

- See general recommendations for adverse reaction management of KEYTRUDA <u>here</u>.
- Fatal and other serious complications can occur in patients who receive allogeneic HSCT before or after being treated with a PD-1/PD-L1 blocking antibody.
- Transplant-related complications include hyperacute graft-versus-host disease (GVHD), acute GVHD, chronic GVHD, hepatic veno-occlusive disease (VOD) after reduced intensity conditioning, and steroid-requiring febrile syndrome (without an identified infectious cause).
- These complications may occur despite intervening therapy between PD-1/PD-L1 blockade and allogeneic HSCT.
- Follow patients closely for evidence of transplant-related complications and intervene promptly.
- Consider the benefit vs risks of treatment with a PD-1/PD-L1 blockade antibody prior to or after an allogeneic HSCT.

PD-1 = programmed death receptor-1; PD-L1 = programmed death ligand 1.

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information</u>. The <u>Medication Guide</u> also is available.



Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Medication Guide).
- Advise patients of the risk of post-allogeneic hematopoietic stem cell transplantation complications.


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Increased Mortality in Patients With Multiple Myeloma When KEYTRUDA Is Added to a Thalidomide Analogue and Dexamethasone [see Warnings and Precautions]

Considerations

• In 2 randomized trials in patients with multiple myeloma, the addition of KEYTRUDA to a thalidomide analogue plus dexamethasone, a use for which no PD-1 or PD-L1 blocking antibody is indicated, resulted in increased mortality. Treatment of patients with multiple myeloma with a PD-1 or PD-L1 blocking antibody in combination with a thalidomide analogue plus dexamethasone is not recommended outside of controlled trials.



PD-1 = programmed death receptor-1; PD-L1 = programmed death ligand 1.

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information. The Medication Guide also is available.



Patient Counseling Information

 Advise patients to read the FDA-approved patient labeling (Medication Guide).



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Other Immune-Mediated Adverse Reactions (IMARs) [see Warnings and Precautions]

Monitoring and Management

- See general recommendations for adverse reaction management of KEYTRUDA <u>here</u>.
- The following clinically significant IMARs occurred in patients who received KEYTRUDA or were reported with the use of other PD-1/PD-L1 blocking antibodies. Severe or fatal cases have been reported for some of these adverse reactions.
- Cardiac/Vascular: Myocarditis, pericarditis, vasculitis.
- Nervous System: Meningitis, encephalitis, myelitis and demyelination, myasthenic syndrome/myasthenia gravis (including exacerbation), Guillain-Barré syndrome, nerve paresis, autoimmune neuropathy.
- Ocular: Uveitis, iritis and other ocular inflammatory toxicities can occur. Some cases can be associated with retinal detachment.
 Various grades of visual impairment, including blindness, can occur.
 If uveitis occurs in combination with other immune-mediated adverse reactions, consider a Vogt-Koyanagi-Harada-like syndrome, as this may require treatment with systemic steroids to reduce the risk of permanent vision loss.
- *Gastrointestinal:* Pancreatitis, to include increases in serum amylase and lipase levels, gastritis, duodenitis.
- Musculoskeletal and Connective Tissue: Myositis/polymyositis, rhabdomyolysis (and associated sequelae, including renal failure), arthritis, polymyalgia rheumatica.
- Endocrine: Hypoparathyroidism.
- Hematologic/Immune: Hemolytic anemia, aplastic anemia, hemophagocytic lymphohistiocytosis, systemic inflammatory response syndrome, histiocytic necrotizing lymphadenitis (Kikuchi lymphadenitis), sarcoidosis, immune thrombocytopenic purpura, solid organ transplant rejection, other transplant (including corneal graft) rejection.

PD-1 = programmed death receptor-1; PD-L1 = programmed death ligand 1.

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information</u>. The <u>Medication Guide</u> also is available.



Patient Counseling Information

• Advise patients to read the FDA-approved patient labeling (Medication Guide).

 Inform patients of the risk of immune-mediated adverse reactions that may be severe or fatal, may occur after discontinuation of treatment, and may require corticosteroid treatment and interruption or discontinuation of KEYTRUDA.

• Advise patients that immune-mediated adverse reactions can occur and may involve any organ system, and to contact their health care provider immediately for any new or worsening signs or symptoms.

• Advise patients of the risk of solid organ transplant rejection and to contact their health care provider immediately for signs or symptoms of organ transplant rejection.



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Infusion-Related Reactions [see Warnings and Precautions]

Monitoring and Management

- See general recommendations for adverse reaction management of KEYTRUDA <u>here</u>.
- KEYTRUDA can cause severe or life-threatening infusion-related reactions, including hypersensitivity and anaphylaxis.
- Monitor patients for signs and symptoms of infusion-related reactions including rigors, chills, wheezing, pruritus, flushing, rash, hypotension, hypoxemia, and fever.





Reference: 1. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE) v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information</u>. The <u>Medication Guide</u> also is available.

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Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Medication Guide).
- Advise patients to contact their health care provider immediately for signs or symptoms of infusion-related reactions.

Dosage Modification Based on Prescribing Information for KEYTRUDA

Interrupt or slow the rate of infusion

Stop infusion and permanently discontinue



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Embryo-Fetal Toxicity [see Warnings and Precautions]



- Based on its mechanism of action, KEYTRUDA can cause fetal harm when administered to a pregnant woman.
- Advise women of the potential risk to a fetus.
- Verify pregnancy status in females of reproductive potential prior to initiating KEYTRUDA.



Lactation



• There are no data on the presence of KEYTRUDA in either animal or human milk or its effects on the breastfed child or on milk production.



Before prescribing KEYTRUDA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information</u>. The <u>Medication Guide</u> also is available.

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Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Medication Guide).
- Advise females of reproductive potential of the potential risk to a fetus and to inform their health care provider of a known or suspected pregnancy.
- Advise females of reproductive potential to use effective
- contraception during treatment with KEYTRUDA and for 4 months after the last dose.

- Advise patients to read the FDA-approved patient labeling (Medication Guide).
- Because of the potential for serious adverse reactions in breastfed children, advise women not to breastfeed during treatment with KEYTRUDA and for 4 months after the last dose.



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Help manage your patients' adverse reactions to **LENVIMA**

Withhold, dose reduce, or discontinue LENVIMA based on the type and/or severity (grade) of the adverse reaction.

Recommended dosage reductions for LENVIMA for patients with advanced renal cell carcinoma or advanced endometrial carcinoma^a

Recommended dosage	10 10	20 mg once daily
1 st dosage reduction to	10 4	14 mg once daily
2 nd dosage reduction to	10	10 mg once daily
3 rd dosage reduction to		8 mg once daily

^aWhen administered with KEYTRUDA

LENVIMA is available in 4-mg and 10-mg capsules. Capsules are not shown at actual size.

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.

KC>

- Recommendations for adverse reaction management, including dose modifications, are included in the Prescribing Information for LENVIMA and outlined to the left and in the following tables.
- When administering LENVIMA in combination with KEYTRUDA® (pembrolizumab), modify the dosage of one or both drugs as appropriate. Withhold, dose reduce, or discontinue LENVIMA as shown in this resource.
- The recommended dosage of LENVIMA for patients with advanced renal cell carcinoma or advanced endometrial carcinoma and severe renal impairment (creatinine clearance less than 30 mL/min calculated by Cockcroft-Gault equation using actual body weight) is 10 mg orally once daily.
- The recommended dosage of LENVIMA for patients with advanced renal cell carcinoma or advanced endometrial carcinoma and severe hepatic impairment (Child-Pugh C) is 10 mg orally once daily.



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FDA and CTCAE Definitions for an Adverse Event and Adverse Reaction

FDA Definitions for an Adverse Event and Adverse **Reaction**¹

- Adverse event (AE) means any untoward medical occurrence associated with the use of a drug in humans, whether or not considered drug related.
- Adverse reaction (AR) means any adverse event caused by a drug.
- Adverse reactions are a subset of all suspected adverse reactions where there is reason to conclude that the drug caused the event.

CTCAE Terms²

- - Grade 1: Mild; asymptomatic or mild symptoms; clinical or diagnostic observations only; intervention not indicated.
 - Grade 2: Moderate; minimal, local or noninvasive intervention indicated; limiting age-appropriate instrumental ADL.^b
 - Grade 3: Severe or medically significant but not immediately lifethreatening; hospitalization or prolongation of hospitalization indicated; disabling; limiting self-care ADL.^c

Common Terminology Criteria for Adverse Events (CTCAE) grading definitions in this resource are listed according to version 4.0, which is the version that is used in the Prescribing Information for KEYTRUDA® (pembrolizumab) and for LENVIMA.

^aA semicolon indicates "or" within the description of the grade.

^bInstrumental ADL refer to preparing meals, shopping for groceries or clothes, using the telephone, managing money, etc.² °Self-care ADL refer to bathing, dressing and undressing, feeding self, using the toilet, taking medications, and not bedridden. ADL = activities of daily living.

References: 1. IND application reporting: safety reports. US Food and Drug Administration. Content current as of October 19, 2021. Accessed March 6, 2025. https://www.fda.gov/drugs/investigational-new-drug-ind-application/ind-application-reporting-safety-reports 2. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE) v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_ QuickReference_8.5x11.pdf

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.

• Grades^a refers to the severity of the AE. The CTCAE displays Grades 1 through 5 with unique clinical descriptions of severity for each AE based on this general guideline:

- Grade 4: Life-threatening consequences; urgent intervention indicated.
- Grade 5: Death related to AE.





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Hypertension [see Warnings and Precautions]

Monitoring and Management

- See general recommendations for adverse reaction management, including dose modifications, of LENVIMA <u>here</u>.
- Control blood pressure (BP) prior to initiation of LENVIMA.
- Monitor BP after 1 week, then every 2 weeks for the first 2 months and at least monthly thereafter during treatment.
- Serious complications of poorly controlled hypertension have been reported.



		CAE Grading d CTCAE for specific ARs related to hypertension.	Dos Info
	Grade 1	Systolic BP 120–139 mmHg or diastolic BP 80–89 mmHg ¹	
	Grade 2	Systolic BP 140–159 mmHg or diastolic BP 90–99 mmHg; medical intervention indicated; recurrent or persistent (≥24 hrs); symptomatic increase by >20 mmHg (diastolic) or to >140/90 mmHg if previously WNL; monotherapy indicated ¹	
	Grade 3	Systolic BP ≥160 mmHg or diastolic BP ≥100 mmHg; medical intervention indicated; more than 1 drug or more intensive therapy than previously used indicated ¹	Withhold for Resume at
	Grade 4	Life-threatening consequences (eg, malignant hypertension, transient or permanent neurologic deficit, hypertensive crisis); urgent intervention indicated ¹	Permanent
WN	L = within norn	nal limits.	

Reference: 1. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE). v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information and Patient Information</u>.

Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Patient Information).
- Advise patients to undergo regular BP monitoring and to contact their health care provider if BP is elevated.

osage Modification Based on Prescribing formation for LENVIMA

for Grade 3 that persists despite optimal antihypertensive therapy at reduced dose when hypertension is controlled at ≤Grade 2

ently **discontinue**



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Cardiac Dysfunction [see Warnings and Precautions]

= **Monitoring and Management**

- See general recommendations for adverse reaction management, including dose modifications, of LENVIMA here.
- Serious and fatal cardiac dysfunction can occur with LENVIMA.
- Monitor patients for clinical symptoms or signs of cardiac dysfunction.
- · Cardiomyopathy, left or right ventricular dysfunction, congestive heart failure, cardiac failure, ventricular hypokinesia, or decrease in left or right ventricular ejection fraction of >20% from baseline have been reported with LENVIMA.



	TCAE Grading and CTCAE for specific ARs related to cardiac dysfunction.	Dosa
Grade	Mild; asymptomatic or mild symptoms; clinical or diagnostic observations only; intervention not indicated ¹	
Grade	2 Moderate; minimal, local or noninvasive intervention indicated; limiting age-appropriate instrumental ADL ¹	
Grade	 Severe or medically significant but not immediately life-threatening; hospitalization or prolongation of hospitalization indicated; disabling; limiting self-care ADL¹ 	Withhold unt Resume at a persistence of
Grade	4 Life-threatening consequences; urgent intervention indicated ¹	Permanently

Reference: 1. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE). v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs. nci.nih.gov/ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.

Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Patient Information).
- Advise patients that LENVIMA can cause cardiac dysfunction and to immediately contact their health care provider if they experience any clinical symptoms of cardiac dysfunction.

sage Modification Based on Prescribing rmation for LENVIMA

ntil improves to Grade 0 to 1 or baseline a reduced dose or discontinue depending on the severity and of adverse reaction

V discontinue





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Arterial Thromboembolic Events [see Warnings and Precautions]

= **Monitoring and Management**

- The safety of resuming LENVIMA after an arterial thromboembolic event has not been established and LENVIMA has not been studied in patients who have had an arterial thromboembolic event within the previous 6 months.
 - Grade 3 to 5 arterial thromboembolic events ranged from 2% to 3% across all clinical trials with LENVIMA.



Severity Based on Prescribing Information for LENVIMA

Any grade of arterial thromboembolic event

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.

Patient Counseling Information

 Advise patients to read the FDA-approved patient labeling (Patient Information).

 Advise patients to seek immediate medical attention for new onset chest pain or acute neurologic symptoms consistent with myocardial infarction or stroke.

Dosage Modification Based on Prescribing Information for LENVIMA

Permanently **discontinue**



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Hepatotoxicity [see Warnings and Precautions]

Monitoring and Management

- See general recommendations for adverse reaction management, including dose modifications, of LENVIMA <u>here</u>.
- Monitor liver function prior to initiating LENVIMA.
- Monitor liver function every 2 weeks for the first 2 months and at least monthly thereafter during treatment.
- Serious hepatic adverse reactions and fatal events, including hepatic failure, acute hepatitis, and hepatorenal syndrome, have occurred in patients treated with LENVIMA.



		CAE Grading d CTCAE for specific ARs related to hepatobiliary disorders.		Dosa Infoi
Gra	ade 1	Mild; asymptomatic or mild symptoms; clinical or diagnostic observations only; intervention not indicated ¹		
Gra	ade 2	Moderate; minimal, local or noninvasive intervention indicated; limiting age-appropriate instrumental ADL ¹		
Gra	ade 3	Severe or medically significant but not immediately life-threatening; hospitalization or prolongation of hospitalization indicated; disabling; limiting self-care ADL ¹	Eithe	hold un er resum persiste
Gra	ade 4	Life-threatening consequences; urgent intervention indicated ¹	Perm	nanently

Reference: 1. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE). v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information and Patient Information</u>.

Patient Counseling Information

• Advise patients to read the FDA-approved patient labeling (Patient Information).

• Advise patients that they will need to undergo laboratory tests to monitor liver function and to report any new symptoms indicating hepatic toxicity or failure.

osage Modification Based on Prescribing formation for LENVIMA

I until improves to Grade 0 to 1 or baseline **sume** at a reduced dose or **discontinue** depending on severity istence of hepatotoxicity ently **discontinue** for hepatic failure



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Renal Failure or Impairment [see Warnings and Precautions]

Monitoring and Management

- See general recommendations for adverse reaction management, including dose modifications, of LENVIMA <u>here</u>.
- Serious including fatal renal failure or impairment can occur with LENVIMA.
- Initiate prompt management of diarrhea or dehydration/hypovolemia.

	CAE Grading d CTCAE for specific ARs related to renal and urinary disorders.		Dos: Info
Grade 1	Mild; asymptomatic or mild symptoms; clinical or diagnostic observations only; intervention not indicated ¹		
Grade 2	Moderate; minimal, local or noninvasive intervention indicated; limiting age-appropriate instrumental ADL ¹		
Grade 3	Severe or medically significant but not immediately life-threatening; hospitalization or prolongation of hospitalization indicated; disabling; limiting self-care ADL ¹	Resu	hold un ime at a
Grade 4	Life-threatening consequences; urgent intervention indicated ¹	and	persiste

Reference: 1. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE). v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information and Patient Information</u>.

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Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Patient Information).
- Advise patients that they will need to undergo regular laboratory tests to monitor kidney function.

osage Modification Based on Prescribing formation for LENVIMA

I until improves to Grade 0 to 1 or baseline at a reduced dose or **discontinue** depending on severity istence of renal impairment



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Proteinuria [see Warnings and Precautions]

= **Monitoring and Management**

- See general recommendations for adverse reaction management, including dose modifications, of LENVIMA here.
- Monitor for proteinuria prior to initiating LENVIMA and periodically during treatment.
- If proteinuria \geq 2+ is detected on urine dipstick, obtain a 24-hour urine protein sample.



≥2 g proteinuria in 24 hours

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.

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Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Patient Information).
- Advise patients that they will need to undergo regular laboratory tests to monitor protein in urine.

Dosage Modification Based on Prescribing Information for LENVIMA

Withhold until ≤2 g of proteinuria per 24 hours Resume at a reduced dose Permanently **discontinue** for nephrotic syndrome



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Diarrhea [see Warnings and Precautions]



- See general recommendations for adverse reaction management, including dose modifications, of LENVIMA <u>here</u>.
- · Promptly initiate management of diarrhea.



	CAE Grading d CTCAE for specific ARs related to diarrhea.		Dosag Inform
Grade 1	Increase of <4 stools per day over baseline; mild increase in ostomy output compared to baseline ¹		
Grade 2	Increase of 4–6 stools per day over baseline; moderate increase in ostomy output compared to baseline ¹	Persiste	istent or ii
Grade 3	Increase of ≥7 stools per day over baseline; incontinence; hospitalization indicated; severe increase in ostomy output compared to baseline; limiting self-care ADL ¹		hhold unt sume at re
Grade 4	Life-threatening consequences; urgent intervention indicated ¹	Perm	nanently d

Reference: 1. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE). v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information and Patient Information</u>.

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Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Patient Information).
- Advise patients when to start standard anti-diarrheal therapy and to maintain adequate hydration.
- Advise patients to contact their health care provider if they are unable to maintain adequate hydration.

osage Modification Based on Prescribing formation for LENVIMA

nt or intolerable Grade 2 or 3 adverse reaction: **Id** until improves to Grade 0 to 1 or baseline **e** at reduced dose

ently **discontinue**



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Gastrointestinal Perforation [see Warnings and Precautions]



Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Patient Information).
- Advise patients that LENVIMA can increase the risk of gastrointestinal perforation and to seek immediate medical attention for severe abdominal pain.

Severity Based on Prescribing Information for LENVIMA

Any grade of gastrointestinal perforation

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.



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Dosage Modification Based on Prescribing Information for LENVIMA

Permanently **discontinue**



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Fistula Formation [see Warnings and Precautions]



Monitoring and Management

• See general recommendations for adverse reaction management, including dose modifications, of LENVIMA <u>here</u>.



	CAE Grading CTCAE for specific ARs related to fistula formation. ^a			Dos Info
Grade 1	Asymptomatic; clinical or diagnostic observations only; intervention not indicated ¹			
Grade 2	Symptomatic; altered GI function ¹			
Grade 3	Severely altered GI function; tube feeding, TPN or hospitalization indicated ¹	P	Perm	anenti
Grade 4	Life-threatening consequences; urgent intervention indicated ¹			

^aA disorder characterized by an abnormal communication between any part of the gastrointestinal system and another organ or anatomic site. GI = gastrointestinal; TPN = total parenteral nutrition.

Reference: 1. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE). v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information and Patient Information</u>.

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Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Patient Information).
- Advise patients that LENVIMA can increase the risk of fistula
- formation and to seek immediate medical attention for severe abdominal pain.

osage Modification Based on Prescribing formation for LENVIMA

ently **discontinue**



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QT Interval Prolongation [see Warnings and Precautions]

Monitoring and Management

- See general recommendations for adverse reaction management, including dose modifications, of LENVIMA <u>here</u>.
- LENVIMA has been reported to prolong the QT/QTc interval.
- Monitor and correct electrolyte abnormalities at baseline and periodically during treatment.
- Monitor electrocardiograms in patients with congenital long QT syndrome, congestive heart failure, or bradyarrhythmias, or those who are taking drugs known to prolong QT interval, including Class Ia and III antiarrhythmics.
- Avoid coadministration of LENVIMA with medicinal products with a known potential to prolong the QT/QTc interval.

Severity Based on Prescribing Information for LENVIMA

For QT interval >500 ms or for >60 ms increase in baseline QT interval



QTc = corrected QT interval; ECG = electrocardiogram; ms = millisecond.

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information and Patient Information</u>.

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Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Patient Information).
- Advise patients who are at risk for QTc prolongation that they will need to undergo regular ECGs.
- Advise all patients that they will need to undergo laboratory tests to monitor electrolytes.

Dosage Modification Based on Prescribing Information for LENVIMA

Withhold until improves to ≤480 ms or baseline **Resume** at reduced dose



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Hypocalcemia [see Warnings and Precautions]



- See general recommendations for adverse reaction management, including dose modifications, of LENVIMA here.
- Monitor blood calcium levels at least monthly.
- Replace calcium as necessary during treatment.



	CAE Grading d CTCAE for specific ARs related to hypocalcemia.	Dosag
Grade 1	Corrected serum calcium <lln–8.0 <lln–2.0="" dl;="" l;<br="" mg="" mmol="">ionized calcium <lln–1.0 l<sup="" mmol="">1</lln–1.0></lln–8.0>	
Grade 2	Corrected serum calcium <8.0–7.0 mg/dL; <2.0–1.75 mmol/L; ionized calcium <1.0–0.9 mmol/L; symptomatic ¹	Persistent or int
Grade 3	Corrected serum calcium <7.0–6.0 mg/dL; <1.75–1.5 mmol/L; ionized calcium <0.9–0.8 mmol/L; hospitalization indicated ¹	• Resume at rec
Grade 4	Corrected serum calcium <6.0 mg/dL; <1.5 mmol/L; ionized calcium <0.8 mmol/L; life-threatening consequences ¹	Grade 4 laborat • Withhold until • Resume at rec Grade 4 adverse • Permanently d

LLN = lower limit of normal

Reference: 1. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE). v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.

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Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Patient Information).
- Advise patients of the risks of hypocalcemia, that they will need to undergo laboratory tests to monitor calcium levels, and the potential requirement for calcium supplementation.

ge Modification Based on Prescribing mation for LENVIMA

ntolerable Grade 2 or 3 adverse reaction: til improves to Grade 0 to 1 or baseline educed dose

- atory abnormality: til improves to Grade 0 to 1 or baseline educed dose
- rse reaction:
- discontinue





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Reversible Posterior Leukoencephalopathy Syndrome (RPLS) [see Warnings and Precautions]



Monitoring and Management

- See general recommendations for adverse reaction management, including dose modifications, of LENVIMA here.
- Confirm the diagnosis of RPLS with MRI



Severity Based on Prescribing Information for LENVIMA

Any grade of reversible posterior leukoencephalopathy syndrome

MRI = magnetic resonance imaging.

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.

Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Patient Information).
- Advise patients of the signs and symptoms of RPLS and to contact their health care provider for new onset or worsening neurological function.

Dosage Modification Based on Prescribing Information for LENVIMA

Withhold and resume at a reduced dose upon recovery or permanently discontinue LENVIMA depending on severity and persistence of neurologic symptoms



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Hemorrhagic Events [see Warnings and Precautions]

Monitoring and Management

- See general recommendations for adverse reaction management, including dose modifications, of LENVIMA <u>here</u>.
- Serious including fatal hemorrhagic events can occur with LENVIMA.
- Serious tumor-related bleeds, including fatal hemorrhagic events, occurred in patients treated with LENVIMA in clinical trials and in the post-marketing setting.
- In post-marketing surveillance, serious and fatal carotid artery hemorrhages were seen more frequently in patients with anaplastic thyroid carcinoma (ATC) than in other tumor types. The safety and effectiveness of LENVIMA in patients with ATC have not been demonstrated in clinical trials.
- Consider the risk of severe or fatal hemorrhage associated with tumor invasion or infiltration of major blood vessels (eg, carotid artery).



NCI-CTCAE Grading Refer to PI and CTCAE for specific ARs related to hemorrhagic events.					Dosa Infor
	Grade 1	Mild; asymptomatic or mild symptoms; clinical or diagnostic observations only; intervention not indicated ¹			
	Grade 2	Moderate; minimal, local or noninvasive intervention indicated; limiting age-appropriate instrumental ADL ¹		Parsio	stent or
				L CI 213	
	Grade 3	Severe or medically significant but not immediately life-threatening; hospitalization or prolongation of hospitalization indicated; disabling; limiting self-care ADL ¹			ihold ur ume at i
	Grade 4	Life-threatening consequences; urgent intervention indicated ¹		Perm	anently

Reference: 1. National Cancer Institute (NCI). Common Terminology Criteria for Adverse Events (CTCAE). v4.0 Quick Reference 8.5x11. Published May 28, 2009. https://evs.nci.nih.gov/ftp1/CTCAE/CTCAE_4.03/Archive/CTCAE_4.0_2009-05-29_QuickReference_8.5x11.pdf

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information and Patient Information</u>.

Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Patient Information).
- Advise patients that LENVIMA can increase the risk for bleeding and to contact their health care provider for bleeding or symptoms of severe bleeding.

osage Modification Based on Prescribing formation for LENVIMA

nt or intolerable Grade 2 or 3 adverse reaction: Id until improves to Grade 0 to 1 or baseline e at reduced dose

ently **discontinue**



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Impairment of Thyroid-Stimulating Hormone Suppression/Thyroid Dysfunction

[see Warnings and Precautions]

Monitoring and Management

- See general recommendations for adverse reaction management, including dose modifications, of LENVIMA <u>here</u>.
- · LENVIMA impairs exogenous thyroid suppression.
- Monitor thyroid function prior to initiating LENVIMA and at least monthly during treatment.
- Treat hypothyroidism according to standard medical practice.



Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying <u>Prescribing Information and Patient Information</u>.

Patient Counseling Information

• Advise patients to read the FDA-approved patient labeling (Patient Information).

• Advise patients that LENVIMA can cause hypothyroidism and that their thyroid function should be monitored regularly during treatment.



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Impaired Wound Healing [see Warnings and Precautions]

Monitoring and Management

- See general recommendations for adverse reaction management, including dose modifications, of LENVIMA <u>here</u>.
- Impaired wound healing has been reported in patients who received LENVIMA.
- The safety of resumption of LENVIMA after resolution of wound healing complications has not been established.



Dosage Modification Based on Prescribing Information for LENVIMA

- Withhold for at least 1 week prior to elective surgery.
- Do not administer for at least 2 weeks following major surgery and until adequate wound healing.

Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.

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- Advise patients to read the FDA-approved patient labeling (Patient Information).
- Advise patients that LENVIMA may impair wound healing.
- Advise patients to inform their health care provider of any planned surgical procedure.



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Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.

Osteonecrosis of the Jaw (ONJ) [see Warnings and Precautions]

= **Monitoring and Management**

- See general recommendations for adverse reaction management, including dose modifications, of LENVIMA here.
- Osteonecrosis of the jaw has been reported in patients receiving LENVIMA.
- Perform an oral examination prior to treatment with LENVIMA and periodically during LENVIMA treatment.
- Advise patients regarding good oral hygiene practices.
- Avoid invasive dental procedures, if possible, while on treatment with LENVIMA, particularly in patients at higher risk.
- For patients requiring invasive dental procedures, discontinuation of bisphosphonate treatment may reduce the risk of ONJ.
- Concomitant exposure to other risk factors, such as bisphosphonates, denosumab, dental disease or invasive dental procedures, may increase the risk of ONJ.

Dosage Modification Based on Prescribing Information for LENVIMA

- Withhold LENVIMA for at least 1 week prior to scheduled dental surgery or invasive dental procedures, if possible.
- Withhold LENVIMA if ONJ develops and restart based on clinical judgment of adequate resolution.

- Advise patients to read the FDA-approved patient labeling (Patient Information).
- Advise patients regarding good oral hygiene practices and to have preventive dentistry performed prior to treatment with LENVIMA and throughout treatment with LENVIMA.
- Inform patients being treated with LENVIMA, particularly those who are at high risk for ONJ, to avoid invasive dental procedures, if possible, and to inform their health care provider of any planned dental procedures.
- Advise patients to immediately contact their health care provider for signs or symptoms associated with ONJ.



Advanced Renal Cell Carcinoma Study-Specific ARs

Advanced Endometrial Carcinoma Study-Specific ARs

General Recommendations >

Definitions and Terms

FDA and CTCAE Definitions for AE and AR >

Cardiovascular

Hypertension >

Cardiac Dysfunction >

Arterial Thromboembolic Events >

Hepatic

Hepatotoxicity >

Renal

Renal Failure or Impairment >

Proteinuria >

Other Adverse Reactions

Diarrhea >

Gastrointestinal

Gastrointestinal Perforation > Fistula Formation >

Cardiovascular

QT Interval Prolongation >

Other Adverse Reactions

Hypocalcemia >

Neurological

Reversible Posterior Leukoencephalopathy Syndrome (RPLS) >

Other Adverse Reactions

Hemorrhagic Events >

Endocrine

Impairment of Thyroid-Stimulating Hormone Suppression/ Thyroid Dysfunction >

Systemic

Impaired Wound Healing >

Bone

Osteonecrosis of the Jaw (ONJ) >

Use in Specific Populations Embryo-Fetal Toxicity and Lactation

Embryo-Fetal Toxicity [see Warnings and Precautions]

Risk Summary

- Based on its mechanism of action and data from animal reproduction studies, LENVIMA can cause fetal harm when administered to a pregnant woman.
- In animal reproduction studies, oral administration of LENVIMA during organogenesis at doses below the recommended clinical doses resulted in embryotoxicity, fetotoxicity, and teratogenicity in rats and rabbits.
- · Advise pregnant women of the potential risk to a fetus.

Lactation

Risk Summary

 It is not known whether LENVIMA is present in human milk; however, lenvatinib and its metabolites are excreted in rat milk at concentrations higher than those in maternal plasma (see LENVIMA PI).



Before prescribing LENVIMA, please read the additional Selected Safety Information throughout this document and the accompanying Prescribing Information and Patient Information.

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Patient Counseling Information

- Advise patients to read the FDA-approved patient labeling (Patient Information).
- Advise females of reproductive potential of the potential risk to a fetus and to inform their health care provider of a known or suspected pregnancy.
- Advise females of reproductive potential to use effective contraception during treatment with LENVIMA and for 30 days after the last dose.

- Advise patients to read the FDA-approved patient labeling (Patient Information).
- Advise women to discontinue breastfeeding during treatment with LENVIMA and for 1 week after the last dose.



Dosage and Administration



Before prescribing KEYTRUDA, please read the Selected Safety Information throughout this document and the accompanying Prescribing Information. The Medication Guide also is available.

Before prescribing LENVIMA, please read the Selected Safety Information throughout this document and the accompanying Prescribing Information and **Patient Information.**

For more information, please visit KeytrudaLenvimaHCP.com.



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