







KEYTRUDA (pembrolizumab) +

LENVATINIB Eisai* TREATMENT OPTIMISATION

for your untreated patients with advanced RCC (aRCC) (focus on the CLEAR trial)





Prescribing Information for KEYTRUDA and LENVATINIB can be accessed via the 'PI' buttons at the top of this page and throughout

This document is not exhaustive and is not meant to replace the SmPC. Please consult the individual product Summary of Product Characteristics (SmPCs) before making any prescribing decisions.

*LENVATINIB Eisai will be referred to as LENVATINIB across this document.

KEYTRUDA in combination with LENVATINIB is indicated for the first-line (1L) treatment of adults with aRCC.1,2

This material has been developed and funded by Merck Sharp & Dohme and Eisai Ltd, and is intended for UK healthcare professionals only.

Adverse events should be reported. Reporting forms and information can be found at https://yellowcard.mhra.gov.uk/ or search for MHRA Yellow Card in the Google Play or Apple App Store. Adverse events should also be reported to MSD (Tel: 0208 154 8000; E-mail: pv.uk@msd.com).



Eisai







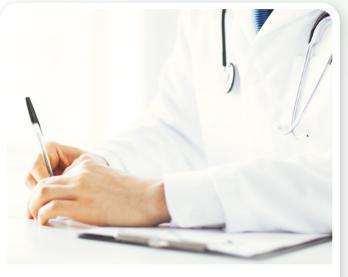
This guide will help you to monitor and manage some key AEs that could emerge or worsen during **KEYTRUDA + LENVATINIB** treatment of 1L aRCC, as reported in the CLEAR trial. Addressing any AEs as early and effectively as possible could allow patients to get more out of their treatment.





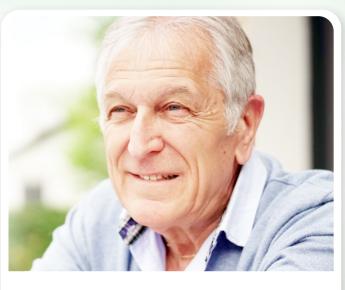
PREPARE
your patients for treatment
with KEYTRUDA + LENVATINIB

View Dosing Guide



MONITOR

your patients on the combination therapy



MANAGE

>

some clinically significant TEAEs for KEYTRUDA + LENVATINIB as reported in the CLEAR trial¹⁻³

Go to the KEYTRUDA TEAE Management Section

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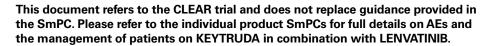
Go to the LENVATINIB TEAE Management Section



AE, adverse event; aRCC, advanced renal cell carcinoma; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event.















PREPARE your patients for initiating treatment

This section includes:



How to prepare your patients for initiating treatment





KEYTRUDA + LENVATINIB dosing and administration guide for 1L aRCC





Some key AEs to be aware of with KEYTRUDA + LENVATINIB based on results from the CLEAR trial

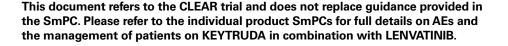




















PREPARE Important considerations before initiating treatment^{1,2}



Blood pressure (BP) check

BP should be well controlled prior to treatment with **KEYTRUDA + LENVATINIB**²

If a patient is known to be hypertensive, they should be on a stable dose of antihypertensive therapy for at least 1 week prior to treatment with **KEYTRUDA + LENVATINIB**²

Autoimmune disorders

autoimmune disorders*3 Check blood glucose for signs of undiagnosed diabetes3

Check for

preexisting

Thyroid function

Measure baseline thyroid function prior to treatment initiation, then periodically during treatment² Hypothyroidism has been reported in patients treated with **KEYTRUDA**

+ LENVATINIB: therefore,

thyroid function and hormone levels should be monitored1,2

Blood tests

Liver function

Monitor liver function prior to treatment initiation, then every 2 weeks after treatment initiation for the first 2 months and monthly thereafter during treatment^{1,2}

KEYTRUDA has not been studied in patients with severe hepatic impairment*1 No dose adjustment for **KEYTRUDA** is needed for patients with mild or moderate hepatic impairment¹

The KEYTRUDA + LENVATINIB

combination should only be used in patients with severe hepatic impairment if the anticipated benefit exceeds the risk^{1,2} In patients with severe hepatic impairment (Child-Pugh C), the starting dose of LENVATINIB must be adjusted^{†2}

Renal function

For patients with severe renal impairment, the recommended starting dose of **LENVATINIB** is 10 mg once daily (OD)²

No dose adjustment for **KEYTRUDA** is needed for patients with mild or moderate renal impairment¹

KEYTRUDA has not been studied in patients with severe renal impairment*1

Patients with end-stage renal disease have not been studied; therefore, the use of **LENVATINIB** in these patients is not recommended²

Calcium levels

Hypocalcaemia has been reported in patients treated with KEYTRUDA + LENVATINIB^{1,2}

Monitor blood calcium levels at least monthly2

Replace calcium as necessary during treatment²

BP should be monitored after 1 week of treatment with LENVATINIB, then every 2 weeks for the first 2 months, and monthly thereafter.²

*In patients with pre-existing autoimmune disease (AID), data from observational studies suggest that the risk of immune-mediated adverse reactions following immune-checkpoint inhibitor therapy may be increased as compared with the risk in patients without pre-existing AID. In addition, flares of the underlying AID were frequent, but the majority were mild and manageable.1

†Please refer to the individual product SmPCs for full details on the management of patients on KEYTRUDA in combination

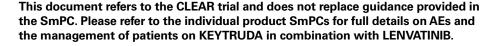
AE, adverse event; BP, blood pressure; SmPC, Summary of Product Characteristics.

AE monitoring and management >



















PREPARE Important considerations before initiating the combination treatment^{1,2}



Proteinuria

Urine protein should be monitored regularly during treatment²
If urine dipstick proteinuria ≥2+ is detected, dose interruptions, adjustments or discontinuation of **LENVATINIB** may be necessary²



Cardiac dysfunction

Monitor patients for clinical symptoms or signs of cardiac decompensation, as dose interruptions, adjustments or discontinuation of **LENVATINIB** may be necessary²



Tumour lysis syndrome (TLS)

LENVATINIB can cause Tumour lysis syndrome (TLS) which can be fatal. Risk factors for TLS include but are not limited to high tumour burden, pre-existing renal impairment and dehydration. These patients should be monitored closely and treated as clinically indicated, and prophylactic hydration should be considered.1



Posterior reversible encephalopathy syndrome (PRES)

In patients with signs or symptoms of PRES, dose interruptions, adjustments or discontinuation of **LENVATINIB** may be necessary²



Arterial thromboembolic events

LENVATINIB has not been studied in patients who have had an arterial thromboembolic event within the previous 6 months, and therefore should be used with caution in such patients²

A treatment decision should be made based upon an assessment of the individual patient's benefit/risk. **LENVATINIB** should be discontinued following an arterial thrombotic event²



Haemorrhagic events

Consider the risk of severe or fatal haemorrhagic events associated with tumour invasion or infiltration of major blood vessels (e.g. the carotid artery)²

In the case of bleeding, dose interruptions, adjustments or discontinuation of **LENVATINIB** may be necessary²

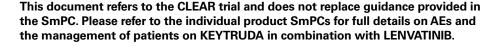
AE, adverse event; PRES, posterior reversible encephalopathy syndrome; SmPC, Summary of Product Characteristics.

AE monitoring and management



















PREPARE Important considerations before initiating the combination treatment^{1,2}



QT interval prolongation

Monitor electrocardiograms in patients with congenital long QT syndrome, congestive heart failure, bradyarrhythmias and those taking drugs known to prolong the QT interval, including Class la and III antiarrhythmics²

Electrolyte abnormalities should be monitored and corrected before initiating **LENVATINIB** and periodically during treatment²



Diarrhoea

Ensure patients understand the importance of reporting diarrhoea as an AE so that it can be managed promptly and appropriately²

Diarrhoea has been reported frequently with **KEYTRUDA** + **LENVATINIB** and usually occurs early in the course of treatment^{1,2}

Diarrhoea can be a sign of immune-mediated colitis; investigation and treatment should be considered³

Prompt medical management of diarrhoea should be instituted in order to prevent dehydration. Treatment should be discontinued in the event of persistence of Grade 4 diarrhoea despite medical management.



Impaired wound healing

Temporary interruption of **LENVATINIB** should be considered in patients undergoing major surgery²



Osteonecrosis of the jaw (ONJ)

A dental examination and appropriate preventive dentistry should be considered prior to treatment with **LENVATINIB**²

Invasive dental procedures are an identified risk factor for ONJ²

For patients who have previously received, or are receiving, intravenous bisphosphonates, invasive dental procedures should be avoided, if possible²



Gastrointestinal perforation and fistula formation

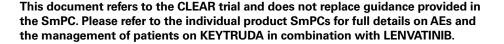
Gastrointestinal perforation or fistulae have been reported in patients treated with **LENVATINIB** (is a common adverse event for monotherapy and in combination). In most cases, gastrointestinal perforation and fistulae occurred in patients with risk factors such as prior surgery or radiotherapy. In the case of a gastrointestinal perforation or fistula, dose interruptions, adjustments, or discontinuation may be necessary²

AE, adverse event; ONJ, osteonecrosis of the jaw; SmPC, Summary of Product Characteristics.

AE monitoring and management

















PREPARE Important considerations before initiating the combination treatment^{1,2}



Review concomitant medications

The use of systemic corticosteroids or immunosuppressants before starting **KEYTRUDA** should be avoided because of their potential interference with the pharmacodynamic activity and efficacy of **KEYTRUDA***1

Since **KEYTRUDA** is cleared from the circulation through catabolism, no metabolic drug-drug interactions are expected¹

Caution should be exercised when **LENVATINIB** is used either simultaneously or sequentially with antiresorptive therapy and/or other angiogenesis inhibitors because of their association with ONJ²

No significant drug-drug interaction is expected between **LENVATINIB** and other CYP3A/P-gp substrates²

It is currently unknown whether **LENVATINIB** may reduce the effectiveness of hormonal contraceptives, and therefore women of childbearing potential should avoid becoming pregnant and use highly effective contraception while on treatment with **LENVATINIB** and for at least one month after finishing treatment²



Provide advice on:

- Diet
- Exercise
- Home-help
- Financial support
- Mental health
- Good oral hygiene practice



Introduce and explain to the patient the multidisciplinary team that will support them

Ensure they have the contact details of key healthcare professionals



Patients treated with KEYTRUDA must be given the KEYTRUDA Patient Alert Card and be informed about the risks of KEYTRUDA before initiating therapy

*However, systemic corticosteroids or other immunosuppressants can be used after starting **KEYTRUDA** to treat immune-mediated adverse reactions. Corticosteroids may also be used as premedication when **KEYTRUDA** is used in combination with chemotherapy, as antiemetic prophylaxis, and/or to alleviate chemotherapy-related adverse reactions.¹

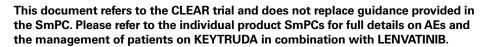
AE, adverse event; CYP3A4, hepatic cytochrome P450 3A4 subtype; ONJ, osteonecrosis of the jaw; P-gp, P-glycoprotein; SmPC, Summary of Product Characteristics.

AE monitoring and management



















PREPARE The recommended starting dosage and administration for KEYTRUDA + LENVATINIB in 1L aRCC1.2

KEYTRUDA + LENVATINIB are administered via IV infusion and oral capsules, respectively^{1,2}

The list below is not complete, please refer to the individual product SmPCs for full dosing information.

KEYTRUDA¹

KEYTRUDA offers flexible dosing



an IV infusion





Over 30 minutes

200 mg Q3W or 400 mg Q6W

 The 200 mg Q3W (once every 3 weeks) regimen has been assessed in phase 2 and 3 registration studies across a multitude of indications of KEYTRUDA. An exposure-response evaluation, using modelling and simulation, led to the approval of the 400 mg Q6W (once every 6 weeks) dosing for monotherapy and combination therapy

LENVATINIB²





Swallowed whole with water.
For patients unable to swallow capsules, please refer to the SmPC for alternative methods of preparation

- The recommended starting dose for **LENVATINIB** is 10 mg once daily for patients with severe renal or severe hepatic impairment.
- Continue treatment with **LENVATINIB** for as long as there is clinical benefit or until unacceptable toxicity occurs
- For intolerable Grade 1-2 or Grade 3 AEs thought to be related to LENVATINIB, upon resolution/improvement of an AE to Grade 0-1 or baseline, treatment should be resumed at a reduced dose of LENVATINIB
 - Please refer to the **LENVATINIB** SmPC for the management of AEs
- Click the link below for information on LENVATINIB dose modifications in combination with KEYTRUDA

Dose modification

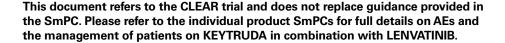


Refer to the individual product SmPCs for full dosing information.

1L, first-line; AE, adverse event; aRCC, advanced renal cell carcinoma; IV, intravenous; OD, once daily; Q3W, every three weeks; Q6W, every six weeks; SmPC, Summary of Product Characteristics.















PREPARE AEs of any cause that emerged or worsened during treatment in ≥25% of patients in any treatment group in the CLEAR trial*3

The CLEAR trial was a Phase 3, multicentre, open-label, randomised trial to determine the efficacy and safety of **KEYTRUDA + LENVATINIB** vs. sunitinib in patients with 1L aRCC³

The median duration of treatment with KEYTRUDA + LENVATINIB was more than double that with sunitinib (17.0 months vs. 7.8 months, respectively).³

The safety profile of each therapy was consistent with their known AE profiles, either alone or in combination.³

This list is not exhaustive. Please refer to the KEYTRUDA + LENVATINIB SmPCs for full description of AEs.

*Safety assessments were based on as-treated principle and consisted of monitoring and recording all AEs and serious adverse events (SAEs) with the use of the CommonTerminology Criteria for Adverse Events (CTCAE), Version 4.03, in the group of patients who received at least one dose of trial drug.³

†Of the 15 patients in the **KEYTRUDA + LENVATINIB** group who had Grade 5 AEs during treatment, 11 had fatal events not attributed to disease progression (acute renal failure, uncontrolled hypertension, complications from myasthenic syndrome, complications from autoimmune hepatitis, cardiac arrest and death—cause not specified in 1 patient each; haemorrhagic events in 2 patients; and sepsis in 3 patients). Among the 11 patients in the sunitinib group with Grade 5 AEs during treatment, fatal events not attributed to disease progression occurred in 2 patients (respiratory failure and acute kidney injury in 1 patient and death—cause not specified in 1 patient).³ ‡Hypothyroidism is an AE of interest associated with **KEYTRUDA**.³ Information regarding AEs of interest was not collected specifically as "immune-mediated", in order to preserve blinding.³

1L, first-line; AE, adverse event; aRCC, advanced renal cell carcinoma; SmPC, Summary of Product Characteristics.

AE, n (%)	KEYTRUDA + LENVATINIB (n=352)		Sunitinib (n=340)	
	Any grade	Grade ≥3 [†]	Any grade	Grade ≥3 [†]
Patients with any event	351 (99.7)	290 (82.4)	335 (98.5)	244 (71.8)
Diarrhoea	216 (61.4)	34 (9.7)	168 (49.4)	18 (5.3)
Hypertension	195 (55.4)	97 (27.6)	141 (41.5)	64 (18.8)
Hypothyroidism [‡]	166 (47.2)	5 (1.4)	90 (26.5)	0
Decreased appetite	142 (40.3)	14 (4.0)	105 (30.9)	5 (1.5)
Fatigue	141 (40.1)	15 (4.3)	125 (36.8)	15 (4.4)
Nausea	126 (35.8)	9 (2.6)	113 (33.2)	2 (0.6)
Stomatitis	122 (34.7)	6 (1.7)	131 (38.5)	7 (2.1)
Dysphonia	105 (29.8)	0	14 (4.1)	0
Weight decrease	105 (29.8)	28 (8.0)	31 (9.1)	1 (0.3)
Proteinuria	104 (29.5)	27 (7.7)	43 (12.6)	10 (2.9)
Palmar-plantar erythrodysesthesia syndrome	101 (28.7)	14 (4.0)	127 (37.4)	13 (3.8)
Arthralgia	99 (28.1)	5 (1.4)	52 (15.3)	1 (0.3)
Rash	96 (27.3)	13 (3.7)	47 (13.8)	2 (0.6)
Vomiting	92 (26.1)	12 (3.4)	68 (20.0)	5 (1.5)
Constipation	89 (25.3)	3 (0.9)	64 (18.8)	0
Dysgeusia	43 (12.2)	1 (0.3)	95 (27.9)	1 (0.3)

Adapted from Motzer R et al. N Engl J Med. 2021;384(14);1289–1300.3









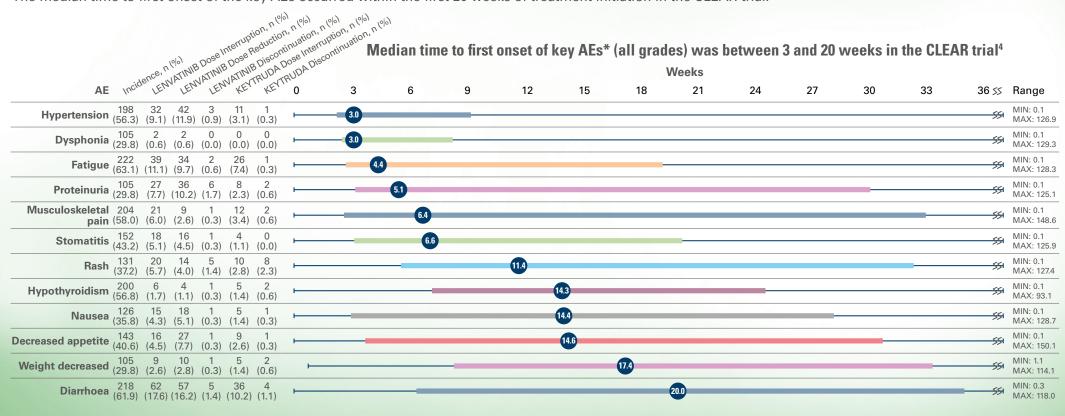






PREPARE Median time to first onset of key AEs (all grades) in the CLEAR trial (exploratory analysis)⁴

During treatment with **KEYTRUDA + LENVATINIB**, AEs may occur within days of treatment initiation.^{1,2}
The median time to first onset of the key AEs occurred within the first 20 weeks of treatment initiation in the CLEAR trial.⁴



Adapted from Motzer R et al. Oncologist. 2023;28(6):501-509.

This was a post-hoc exploratory analysis based on data from the CLEAR trial. No formal statistical testing was planned for this analysis and, therefore, no conclusions can be drawn.4

AE, adverse event; Q, quartile; SmPC, Summary of Product Characteristics.





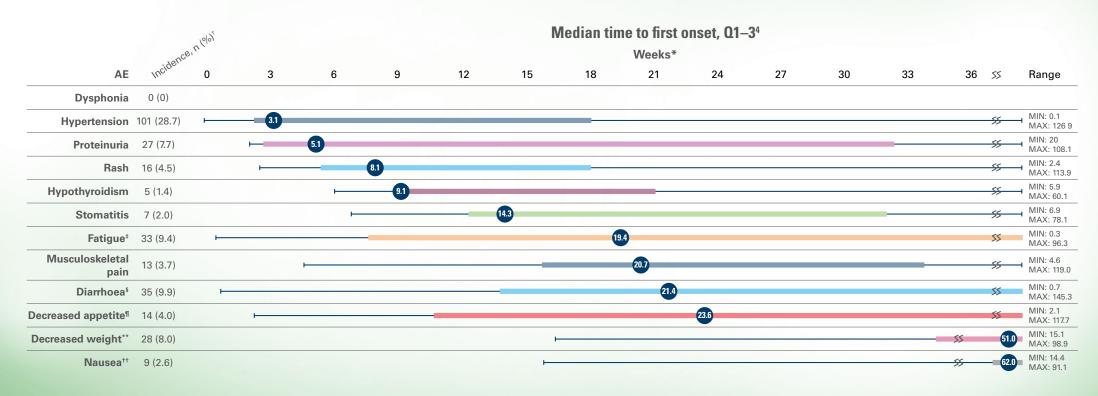






^{*}Key AEs: AEs with incidence ≥30% in the **KEYTRUDA + LENVATINIB** group that occurred either while receiving treatment or within the protocol-defined follow-up period of 30 days after the patient's last dose. Coloured boxes represent Q1–Q3. Lines represent the range. Percentages are based on the safety population of the **KEYTRUDA + LENVATINIB** group (n=352). The safety population included all patients who received at least one dose of any study drug. 4

PREPARE Median time to first onset of Grade ≥3 AEs in the CLEAR trial (exploratory analysis)⁴



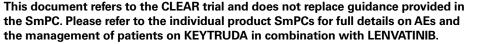
Adapted from Motzer R et al. Oncologist. 2023;28(6):501–509. This was a post-hoc exploratory analysis based on data from the CLEAR trial. No formal statistical testing was planned for this analysis and, therefore, no conclusions can be drawn.⁴

*Median time to first onset in patients who experienced the Grade ≥3 adverse reaction. Coloured boxes represent Q1–Q3. Lines represent the range; †Any grade. Percentages are based on the safety population of the **KEYTRUDA + LENVATINIB** group (n=352). The safety population included all patients who received at least one dose of any study drug; ‡Q1=7.86, Q3=42.29; §Q1=13.29, Q3=56.71; ¶Q1=10.14, Q3=69.14; **Q1=34.00, Q3=64.71; ††Q1=42.57, Q3=74.00.

AE, adverse event; Q, quartile; SmPC, Summary of Product Characteristics.













PREPARE Provide your patients with their KEYTRUDA + LENVATINIB Patient Treatment Guide and Diary for patients with 1L aRCC

It is important to support and encourage patients to monitor and report symptoms themselves to aid early identification and prompt management for the AEs, where appropriate.

Date	How I felt today (1–5)	Side effects	Medication/times	Diet	Activities	Sleep rating (1–5) Sleep hour
Monday						
Tuesday						
Wednesday						
Thursday						
Friday						
Saturday						
Sunday						
Comments ar						

It is important to be able to identify and distinguish TEAEs from the symptoms of aRCC. The KEYTRUDA + LENVATINIB Patient Treatment Guide and Diary for 1L aRCC can help to share this responsibility and ensure patients report back any TEAEs they experience



Ask your representative for the **KEYTRUDA + LENVATINIB Treatment** Guide and Diary for patients with 1L aRCC, which includes useful information on what patients can expect from their treatment and space for them to log their treatment journey and any symptoms they experience

1L, first-line; AE, adverse event; aRCC, advanced renal cell carcinoma; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse events.













MONITOR Recognise the AEs reported in ≥25% of patients in any treatment group in the CLEAR trial³

Monitor patients to aid early identification and prompt medical management of AEs.

This list of AEs is not exhaustive. Please refer to the SmPC for full safety information.

	Monitoring frequency	When to act		Monitoring frequency	When to act
Diarrhoea	Regularly. Patients advised to report incidences ⁵	Promptly to avoid dehydration ²	Nausea and vomiting	Before each cycle of treatment as a minimum ⁹	Oral intake decreased without significant weight loss, dehydration or malnutrition; IV fluids indicated ⁶
	 Prior to treatment initiation² 1 week after LENVATINIB treatment initiation² Then every 2 weeks for the first 2 months and monthly thereafter² 	SBP ≥140 mmHg² DBP ≥90 mmHg²	Proteinuria	Monitor urine protein regularly ²	If dipstick proteinuria reads ≥2+²
Hypertension			Skin reactions	Monitor skin reactions frequently ^{7,8}	Signs and symptoms requiring attention: Red/blistered/peeling skin Tingling sensations ^{7,8} Discomfort, particularly in the hands and feet ^{7,8}
Thyroid function	 Prior to treatment initiation² Periodically during treatment² 	Abnormal TSH levels ²	Arthralgia	Regularly. Patients advised to report pain intensity ¹⁰	At onset of pain ¹⁰
Weight or appetite loss	Monitor weight and appetite regularly ⁵	≥10% weight loss from baseline⁵))) Dysphonia	Patients advised to report voice changes ¹¹	At onset of dysphonia ¹¹
Fatigue	Prior to treatment initiation, then regularly thereafter ⁵	Not relieved by rest/interrupts activities of daily living (ADL) ⁶⁻⁸	Dysgeusia	Patients advised to report altered taste ¹²	At onset of dysgeusia ¹²

Patients need to be monitored for cardiac dysfunction, hepatotoxicity, QT prolongation and Tumour Lysis Syndrome. Please see the SmPC for full information.

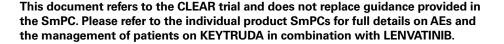
AE, adverse event; DBP, diastolic blood pressure; SBP, systolic blood pressure; SmPC, Summary of Product Characteristics; TEAEs, treatment-emergent adverse events; TSH, thyroid-stimulating hormone.

TEAE management guide



















MONITOR Definitions of Grades 1 to 5 of selected common AEs from the CLEAR trial^{3,6}

Grading of AE severity is based on Common Terminology Criteria for Adverse Events (CTCAE), version 5.06 The severity of some AEs, such as fatigue and diarrhoea, is based on how much the AE limits ADL, which are divided into two classes: instrumental ADL and self-care ADL6

Instrumental ADL⁶

Preparing meals

Shopping for groceries/ clothes

Using the telephone

Managing money







Self-care ADL⁶

Bathing

Dressing and undressing

Feeding oneself

Using the toilet

Taking medications







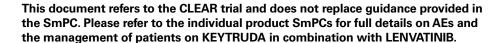




ADL, activities of daily living; AE, adverse event; CTCAE, CommonTerminology Criteria for Adverse Events; SmPC, Summary of Product Characteristics.















MANAGE Adverse events

This section will help you to manage TEAEs with **KEYTRUDA + LENVATINIB** combination treatment

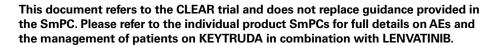
- The TEAEs for **KEYTRUDA + LENVATINIB** are generally manageable^{1,2}
- In treating patients with KEYTRUDA + LENVATINIB, it is important to establish which
 medication is the likely cause of an AE, in order to manage the patient's symptoms
 accordingly. Results from the CLEAR trial have shown some AEs as a result of both
 KEYTRUDA + LENVATINIB in combination, however some immune-mediated AEs can be
 related to KEYTRUDA specifically.^{1,2}
- When KEYTRUDA is used in combination with LENVATINIB and an AE occurs, one
 or both medicines should be interrupted as appropriate.^{1,2} LENVATINIB should be withheld,
 dose reduced or discontinued in accordance with the instructions in the LENVATINIB
 SmPC for use in combination with KEYTRUDA.^{1,2}
 No dose reductions are recommended for KEYTRUDA¹
- Patients treated with KEYTRUDA must be given the Patient Alert Card and informed about the risks of KEYTRUDA¹
- A comprehensive AE management strategy can include medical management (non-pharmacological and pharmacological), dose interruptions, LENVATINIB dose reductions and treatment discontinuation if necessary^{1,2}
- Addressing the AEs as early and effectively as possible could allow patients to get more out of their treatment³

Please refer to the **KEYTRUDA + LENVATINIB** SmPCs for full details about managing AEs

AE, adverse event; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event.















MANAGE Recommended dosing modification for KEYTRUDA + LENVATINIB in 1L aRCC^{1,2}

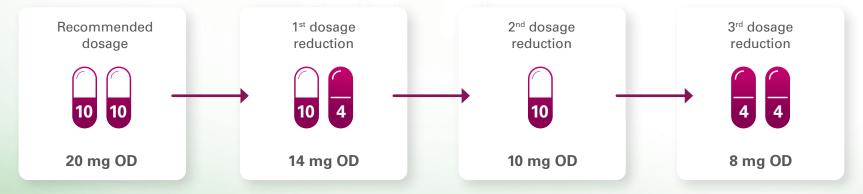
Withhold or discontinue KEYTRUDA in accordance with the instructions in the Prescribing Information for KEYTRUDA. No dose reductions are recommended for KEYTRUDA¹

KEYTRUDA must be permanently discontinued for any Grade 3 immune-mediated adverse reaction that recurs and for any Grade 4 immune-mediated toxicity, except for endocrinopathies that are controlled with replacement hormones¹

The licensed starting dose for **LENVATINIB** when taken in combination with **KEYTRUDA** is 20 mg once daily. It is possible to gradually reduce the dose of **LENVATINIB**, when required to manage AEs2

The LENVATINIB starting dose for patients with severe renal or severe hepatic impairment is 10 mg.^{2,13} Please refer to the SmPC for more information on these patients.

As part of the AE management strategy, the dosing of LENVATINIB can be altered for individual patients.² Flexible **LENVATINIB** dosing enables 3 dose reductions from 20 to 14 mg, 14 to 10 mg, and 10 to 8 mg OD²



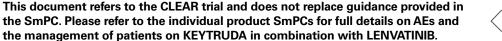
For intolerable Grade 1-2 or Grade 3 AEs thought to be related to LENVATINIB, upon resolution/improvement of an AE to Grade 0-1 or baseline, treatment with **LENVATINIB** may be resumed at a reduced dose²

Please refer to the individual product SmPCs for full dosing information.

1L, first-line; AE, adverse event; aRCC, advanced renal cell carcinoma; OD, once daily; SmPC, Summary of Product Characteristics.













MANAGE General management guidelines for TEAEs for KEYTRUDA + LENVATINIB in the CLEAR trial³

The following pages provide advice on when to continue or interrupt the treatment, based on AE severity.

The patient's multidisciplinary team can then decide to reduce the dose or permanently discontinue treatment



CONTINUE TREATMENT with KEYTRUDA + LENVATINIB*



INTERRUPT / WITHHOLD the treatment



RECOMMEND treatment modifications



DISCONTINUE the treatment

Go to the KEYTRUDA **TEAE Management Section**

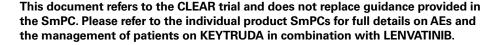
Go to the LENVATINIB TEAE Management Section

*Continue treatment with KEYTRUDA for a maximum of 24 months or until disease progression or unacceptable toxicity.1 Withhold or discontinue KEYTRUDA in accordance with the instructions in the SmPC. No dose reductions are recommended for KEYTRUDA.1 LENVATINIB treatment can continue as long as clinical benefit is achieved or until disease progression/unacceptable toxicity.2

AE, adverse event; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event.



















KEYTRUDA

TEAEs of interest for KEYTRUDA in the CLEAR trial³

Pneumonitis

Go to the LENVATINIB TEAE **Management Section**

Please refer to the KEYTRUDA SmPC for full information about AE monitoring and management.

Hypothyroidism

Hepatitis

Hyperthyroidism

Adrenal insufficiency

Severe skin reactions

Pancreatitis

Colitis

Nephritis

Infusion-related reactions

Myocarditis

Hypophysitis

Type 1 diabetes mellitus

Other TEAEs of interest for KEYTRUDA

Hypothyroidism



GRADE 1

Asymptomatic. Clinical or diagnostic observations only. Intervention not indicated⁶ **GRADE 2**

Symptomatic. Thyroid replacement indicated. Limiting instrumental ADL⁶

GRADE 3

Severe symptoms. Limiting self-care ADL. Hospitalisation indicated⁶ **GRADE 4**

Life-threatening consequences. Urgent intervention indicated⁶

Patients should be regularly monitored for changes in thyroid function¹

Symptoms may be managed with replacement hormone therapy and treatment with KEYTRUDA may continue with monitoring¹

Thyroid function and hormone levels should be monitored to ensure appropriate hormone replacement¹

If Hypothyroidism thought to be related to LENVATINIB, for Grade 1-2 do not warrant LENVATINIB interruption unless intolerable despite optimal management. Grade 3 requires interruption until improvement to Grade 0-1 or baseline. If thought to be related to LENVATINIB, resume LENVATINIB at a reduced dose. LENVATINIB permanently in the event of a Grade 4 or life-threatening reaction.2

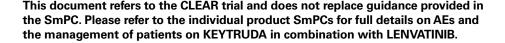
Long-term hormone replacement therapy may be necessary in cases of immune-mediated endocrinopathies.1 ADL, activities of daily living; AE, adverse event; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event.

Click here to access a more comprehensive imAE management guide for KEYTRUDA



















KEYTRUDA TEAEs of interest for KEYTRUDA in the CLEAR trial³

Pneumonitis

Go to the LENVATINIB TEAE **Management Section**

Please refer to the KEYTRUDA SmPC for full information about AE monitoring and management.

Hypothyroidism

Hepatitis

Hyperthyroidism

Nephritis Infusion-related reactions Adrenal insufficiency

Mvocarditis

Severe skin reactions

Hypophysitis

Pancreatitis

Type 1 diabetes mellitus

Colitis

Other TEAEs of interest for KEYTRUDA

Hyperthyroidism



GRADE 1

Asymptomatic. Clinical or diagnostic observations only. Intervention not indicated⁶

GRADE 2

Symptomatic. Thyroid suppression therapy indicated. Limiting instrumental ADL6

GRADE 3

Severe symptoms. Limiting self-care ADL. Hospitalisation indicated⁶

GRADE 4

Life-threatening consequences. Urgent intervention indicated⁶



CONTINUE

KEYTRUDA treatment and monitor¹ Hormone replacement therapy if indicated1 May be managed symptomatically¹ Thyroid function and hormone levels should be monitored to ensure appropriate hormone replacement¹

Patients should be monitored for changes in thyroid function.¹ Hormone levels should also be monitored.1 Along with hypothyroidism/hyperthyroidism, thyroiditis has also been reported and can occur at any time during treatment.1 Long-term hormone replacement therapy may be necessary in cases of

Characteristics; TEAE, treatment-emergent adverse event.

immune-mediated endocrinopathies.1 ADL, activities of daily living; AE, adverse event; SmPC, Summary of Product

Click here to access a more comprehensive imAE management guide for KEYTRUDA

KEYTRUDA until adverse reactions recover to Grades 0-1. For patients with Grade 3 or Grade 4 endocrinopathies that improve to Grade 2 or lower and are controlled with hormone replacement, if indicated, continuation may be considered after corticosteroid taper, if needed1 Thyroid function and hormone levels should be monitored to ensure appropriate hormone replacement¹



WITHHOLD

DISCONTINUE

KEYTRUDA permanently if toxicity does not resolve to Grades 0-1 within 12 weeks after the last dose of **KEYTRUDA**, or if corticosteroid dosing cannot be reduced to ≤10 mg prednisone or equivalent per day within 12 weeks¹





This document refers to the CLEAR trial and does not replace guidance provided in the SmPC. Please refer to the individual product SmPCs for full details on AEs and the management of patients on KEYTRUDA in combination with LENVATINIB.











KEYTRUDA TEAEs of interest for KEYTRUDA in the CLEAR trial³

Please refer to the KEYTRUDA SmPC for full information about AE monitoring and management.

Hypothyroidism

Hepatitis

Hyperthyroidism

Nephritis

Pneumonitis

Infusion-related reactions

Adrenal insufficiency

Severe skin reactions Hypophysitis

Pancreatitis

Type 1 diabetes mellitus

Colitis

Other TEAEs of interest for KEYTRUDA

Pneumonitis



GRADE 1

Asymptomatic. Clinical or diagnostic observations only. Intervention not indicated⁶



CONTINUE

KEYTRUDA treatment and monitor1

GRADE 2

Myocarditis

Symptomatic. Medical intervention indicated. Limiting instrumental ADL⁶

GRADE 3

Severe symptoms. Limiting self-care ADL. Oxygen indicated6

GRADE 4

Go to the LENVATINIB TEAE **Management Section**

Life-threatening respiratory compromise. Urgent intervention indicated (e.g. tracheotomy or intubation)6



WITHHOLD

KEYTRUDA until reactions recover to Grades 0-11 Corticosteroids should be administered for Grade ≥2 events (initial dose of 1–2 mg/kg/day prednisone or equivalent followed by a taper)1

DISCONTINUE

KEYTRUDA permanently¹



DISCONTINUE

KEYTRUDA permanently if treatment-related toxicity does not resolve to Grades 0-1 within 12 weeks after the last dose of KEYTRUDA, or if corticosteroid dosing cannot be reduced to ≤10 mg prednisone or equivalent per day within 12 weeks, or if Grade 2 pneumonitis recurs¹

Click here to access a more comprehensive imAE management guide for KEYTRUDA

reported in patients receiving KEYTRUDA.1

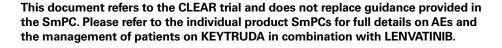
Patients should be monitored for signs and symptoms of pneumonitis.¹ Suspected pneumonitis should be confirmed with radiographic imaging and other causes excluded.¹ Fatal cases of pneumonitis have been

ADL, activities of daily living; AE, adverse event; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event.



















KEYTRUDA TEAEs of interest for KEYTRUDA in the CLEAR trial³

Go to the LENVATINIB TEAE **Management Section**

Please refer to the KEYTRUDA SmPC for full information about AE monitoring and management.

Hypothyroidism

Hepatitis

Hyperthyroidism

Pneumonitis

Adrenal insufficiency

Severe skin reactions

Pancreatitis

Colitis

Nephritis

Infusion-related reactions

Myocarditis

Hypophysitis

Type 1 diabetes mellitus

Other TEAEs of interest for KEYTRUDA

Adrenal insufficiency



GRADE 1

Asymptomatic. Clinical or diagnostic observations only. Intervention not indicated⁶



CONTINUE

KEYTRUDA treatment¹

GRADE 2

Moderate symptoms. Medical intervention indicated⁶



WITHHOLD

KEYTRUDA until controlled by hormone replacement1



Severe symptoms. Hospitalisation indicated⁶ Life-threatening consequences. Urgent intervention indicated⁶

GRADE 4



WITHHOLD

KEYTRUDA until adverse reactions recover to Grades 0-1. For patients with Grade 3 or Grade 4 endocrinopathies that improve to Grade 2 or lower and are controlled with hormone replacement, if indicated, continuation of KEYTRUDA may be considered after corticosteroid taper, if needed1



DISCONTINUE

KEYTRUDA permanently if treatment-related toxicity does not resolve to Grades 0-1 within 12 weeks after the last dose of KEYTRUDA. or if corticosteroid dosing cannot be reduced to ≤10 mg prednisone or equivalent per day within 12 weeks1

causes excluded.1 Long-term hormone replacement therapy may be necessary in cases of immune-mediated endocrinopathies. Corticosteroids to treat adrenal insufficiency and other hormone replacement should be administered as clinically indicated.1 AE, adverse event; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event.

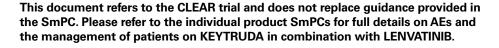
Patients should be monitored for signs and symptoms of adrenal insufficiency and other

Click here to access a more comprehensive imAE management guide for KEYTRUDA



















KEYTRUDA* (pembrolizumab)

TEAEs of interest for KEYTRUDA in the CLEAR trial³

Pneumonitis

Please refer to the KEYTRUDA SmPC for full information about AE monitoring and management.

Hypothyroidism

Hepatitis

Hyperthyroidism

Nephritis

Adrenal insufficiend

Infusion-related reactions

Adrenal insufficiency Severe skin reactions

Myocarditis

Pancreatitis

Type 1 diabetes mellitus

Colitis

Other TEAEs of interest for KEYTRUDA

Skin reactions (SJS/TEN) Terms cover multiple AEs



Patients should be monitored for suspected severe skin reactions and other causes should be excluded. For suspected SJS orTEN, the patient should be referred to a specialised unit for assessment and treatment¹

Hypophysitis



CONTINUE

For Grade 1 or 2 events treatment may continue, with monitoring¹ May be managed symptomatically⁸



WITHHOLD

KEYTRUDA for Grade 3 skin reaction or suspected SJS orTEN, until adverse reactions recover to Grades 0–1.1 Corticosteroids should be administered1



DISCONTINUE

KEYTRUDA permanently for Grade 4 or confirmed SJS or TEN¹



DISCONTINUE

KEYTRUDA permanently if treatment-related toxicity does not resolve to Grades 0–1 within 12 weeks after the last dose of KEYTRUDA, or if corticosteroid dosing cannot be reduced to ≤10 mg prednisone or equivalent per day within 12 weeks¹

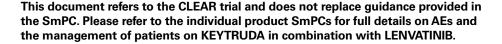
Patients should be monitored for suspected skin reactions.¹ Other causes should be excluded.¹ Caution should be used when considering the use of **KEYTRUDA** in a patient who has previously experienced a severe or life-threatening skin adverse reaction on prior treatment with other immune-stimulatory anticancer agents.¹ AE, adverse event; SJS, Stevens-Johnson syndrome; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event; TEN, toxic epidermal necrolysis.

Click here to access a more comprehensive imAE management guide for KEYTRUDA



















KEYTRUDA TEAEs of interest for KEYTRUDA in the CLEAR trial³

Pneumonitis

Please refer to the KEYTRUDA SmPC for full information about AE monitoring and management.

Hypothyroidism

Hepatitis

Hyperthyroidism

Nephritis Infusion-related reactions Adrenal insufficiency

Myocarditis Hypophysitis

Severe skin reactions **Pancreatitis**

Type 1 diabetes mellitus

Colitis

Other TEAEs of interest for KEYTRUDA

Pancreatitis





GRADE 1

KEYTRUDA treatment¹

GRADE 2 GRADE 3 Enzyme elevation. Severe pain. Vomiting. Medical Radiologic findings only⁶

intervention indicated (e.g. analgesia, nutritional support)6

DISCONTINUE

KEYTRUDA permanently for

recurrent Grade 3 or Grade 4

pancreatitis1

GRADE 4

Life-threatening consequences.

Urgent intervention indicated⁶

WITHHOLD

KEYTRUDA until adverse reactions recover to Grades 0-11 Administer corticosteroids for Grade ≥2 events (initial dose of 1–2 mg/kg/day prednisone or equivalent followed by a taper)1



DISCONTINUE

KEYTRUDA permanently if treatment-related toxicity does not resolve to Grades 0-1 within 12 weeks after the last dose of KEYTRUDA, or if corticosteroid dosing cannot be reduced to ≤10 mg prednisone or equivalent per day within 12 weeks1

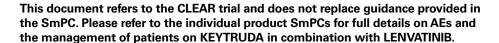
AE, adverse event; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event.

Click here to access a more comprehensive imAE management guide for KEYTRUDA



















KEYTRUDA TEAEs of interest for KEYTRUDA in the CLEAR trial³

Infusion-related reactions

Go to the LENVATINIB TEAE **Management Section**

Please refer to the KEYTRUDA SmPC for full information about AE monitoring and management.

Hypothyroidism

Hepatitis

Hyperthyroidism

Nephritis

Pneumonitis

Adrenal insufficiency

Severe skin reactions

Hypophysitis

Pancreatitis

Type 1 diabetes mellitus

Colitis

Other TEAEs of interest for KEYTRUDA

Colitis



GRADE 1

Asymptomatic. Clinical or diagnostic observations only. Intervention not indicated⁶



CONTINUE

KEYTRUDA treatment¹

GRADE 2

Myocarditis

Abdominal pain. Mucus or blood in stool⁶

GRADE 3

Severe abdominal pain. Peritoneal signs⁶



DISCONTINUE

KEYTRUDA permanently¹

GRADE 4

Life-threatening consequences.

Urgent intervention indicated⁶

WITHHOLD

KEYTRUDA until adverse reactions recover to Grades 0-11 Administer corticosteroids for Grade ≥2 events (initial dose of 1–2 mg/kg/day prednisone or equivalent followed by a taper)1



DISCONTINUE

KEYTRUDA permanently if treatment-related toxicity does not resolve to Grades 0-1 within 12 weeks after the last dose of KEYTRUDA, if corticosteroid dosing cannot be reduced to ≤10 mg prednisone or equivalent per day within 12 weeks, or if recurrent Grade 3 colitis occurs¹

Diarrhoea has been reported frequently with KEYTRUDA + LENVATINIB. 1,2 It usually occurs early in the course of

treatment and might be related to LENVATINIB.2 Diarrhoea can be as a sign of immune-mediated colitis; patients should be monitored for signs and symptoms of

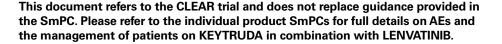
colitis and other causes excluded.1 AE, adverse event; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event.

Click here to access a more comprehensive imAE management guide for KEYTRUDA



















MANAGE

KEYTRUDA TEAEs of interest for KEYTRUDA in the CLEAR trial³

Please refer to the KEYTRUDA SmPC for full information about AE monitoring and management.

Pancreatitis

Hypothyroidism

Hepatitis

Hyperthyroidism

Nephritis

Pneumonitis

Infusion-related reactions

Adrenal insufficiency

Myocarditis

Severe skin reactions

Hypophysitis

Type 1 diabetes mellitus

Colitis

Other TEAEs of interest for KEYTRUDA

Hepatitis



GRADE 1

AST or ALT <3.0 x ULN or total bilirubin <1.5 times the ULN1



CONTINUE

KEYTRUDA and monitor1

GRADE 2

AST or ALT >3.0-5.0 x ULN or total bilirubin >1.5-3 times the ULN1



KEYTRUDA until adverse reactions recover to Grades 0-11 Administer an initial dose of 0.5-1 mg/kg/day prednisone or equivalent followed by a taper¹

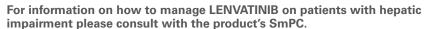
GRADE ≥3

AST or ALT >5 x ULN or total bilirubin >3 x ULN1



DISCONTINUE

KEYTRUDA permanently¹ Administer 1–2 mg/kg/day prednisone or equivalent followed by a taper¹



Patients should be monitored for changes in liver function (at the start of treatment, periodically during treatment and as indicated based on clinical evaluation) and symptoms of hepatitis, and other causes excluded.1

AE, adverse event; ALT, alanine aminotransferase; AST, aspartate aminotransferase; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event; ULN, upper limit of normal.

Click here to access a more comprehensive imAE management guide for KEYTRUDA

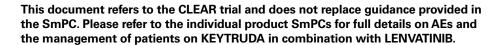


DISCONTINUE

KEYTRUDA permanently if treatment-related toxicity does not resolve to Grades 0-1 within 12 weeks after the last dose of KEYTRUDA, or if corticosteroid dosing cannot be reduced to ≤10 mg prednisone or equivalent per day within 12 weeks¹ In the case of liver metastasis with baseline Grade 2 elevation of AST or ALT, hepatitis with AST or ALT increases ≥50% and lasting ≥1 week, permanently discontinue KEYTRUDA¹

















KEYTRUDA TEAEs of interest for KEYTRUDA in the CLEAR trial³

Please refer to the KEYTRUDA SmPC for full information about AE monitoring and management.

Hypothyroidism

Hepatitis

Hyperthyroidism Nephritis

Pneumonitis Infusion-related reactions

Severe skin reactions

Hypophysitis

Pancreatitis

Type 1 diabetes mellitus

GRADE ≥3

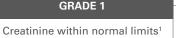
Creatinine >3 x ULN1

Colitis

Other TEAEs of interest for KEYTRUDA

Nephritis







CONTINUE

KEYTRUDA treatment and monitor1

GRADE 2

Adrenal insufficiency

Myocarditis

Creatinine >1.5-≤3 x ULN1

WITHHOLD

KEYTRUDA until adverse reactions recover to Grades 0-11

Corticosteroids should be administered for Grade ≥2 events (initial dose of 1-2 mg/kg/day prednisone or equivalent followed by a taper)1



DISCONTINUE

KEYTRUDA permanently¹

Patients should be monitored for changes in renal function (at the start of treatment, periodically during treatment and as indicated based on clinical evaluation) and symptoms of nephritis, and other causes excluded.1 AE, adverse event; SmPC, Summary of Product Characteristics;

TEAE, treatment-emergent adverse event; ULN, upper limit of normal.

Click here to access a more comprehensive imAE management guide for KEYTRUDA

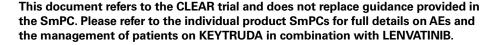


DISCONTINUE

KEYTRUDA permanently if toxicity does not resolve to Grades 0-1 within 12 weeks after the last dose of KEYTRUDA, or if corticosteroid dosing cannot be reduced to ≤10 mg prednisone or equivalent per day within 12 weeks1

















MANAGE

KEYTRUDA TEAEs of interest for KEYTRUDA in the CLEAR trial³

Please refer to the KEYTRUDA SmPC for full information about AE monitoring and management.

Hypothyroidism

Hepatitis

Hyperthyroidism

Nephritis

Pneumonitis

Infusion-related reactions

Adrenal insufficiency

Myocarditis

Hypophysitis

Pancreatitis Severe skin reactions

Type 1 diabetes mellitus

Other TEAEs of interest for KEYTRUDA

Colitis

Infusion-related reactions



GRADE 1

Mild transient reaction. Infusion interruption not indicated. Intervention not indicated6

GRADE 2

Therapy or infusion interruption indicated but responds promptly to symptomatic treatment (e.g. antihistamines, NSAIDS, narcotics, IV fluids). Prophylactic medications

indicated for ≤24 hours⁶

CONTINUE

KEYTRUDA treatment and monitor closely¹ Consider premedication with antipyretic and antihistamine therapy¹ **GRADE 3**

Prolonged (e.g. not rapidly responsive to symptomatic medication and/or brief interruption of infusion). Recurrence of symptoms following initial improvement. Hospitalisation indicated for clinical sequelae6

GRADE 4

Life-threatening consequences. Urgent intervention indicated⁶

DISCONTINUE

Stop infusion¹ Permanently discontinue KEYTRUDA¹

Patients should be monitored for severe infusion-related reactions including hypersensitivity and anaphylaxis. Severe infusion-related reactions have been reported with patients receiving KEYTRUDA; these include drug hypersensitivity, anaphylactic reaction, anaphylactoid reaction, hypersensitivity, infusion-related hypersensitivity reaction, cytokine release syndrome and serum sickness.¹ Patients should be monitored during infusion.¹

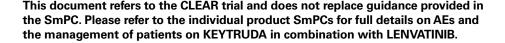
AE, adverse event; IV, intravenous; NSAID, non-steroid anti-inflammatory drug; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event.

Click here to access a more comprehensive imAE management guide for KEYTRUDA

















GRADE 4

Life-threatening consequences.

Urgent intervention indicated (e.g. continuous IV therapy or

mechanical haemodynamic support)6



KEYTRUDA TEAEs of interest for KEYTRUDA in the CLEAR trial³

Pneumonitis

Please refer to the KEYTRUDA SmPC for full information about AE monitoring and management.

Hypothyroidism

Hepatitis

Hyperthyroidism

Nephritis Infusion-related reactions Adrenal insufficiency

Myocarditis

Severe skin reactions

Hypophysitis

GRADE 3

Severe with symptoms at rest or

with minimal activity or exertion.

Intervention indicated. New onset of symptoms⁶

Pancreatitis

Type 1 diabetes mellitus

DISCONTINUE

KEYTRUDA permanently for Grade 3

or Grade 4 myocarditis1

Colitis

Other TEAEs of interest for KEYTRUDA

Myocarditis





CONTINUE

GRADE 1

KEYTRUDA treatment¹

GRADE 2

activity or exertion6



KEYTRUDA until adverse reactions recover to Grades 0-11



DISCONTINUE

KEYTRUDA permanently if treatment-related toxicity does not resolve to Grades 0-1 within 12 weeks after the last dose of KEYTRUDA, or if corticosteroid dosing cannot be reduced to ≤10 mg prednisone or equivalent per day within 12 weeks1



Click here to access a more comprehensive imAE management guide for KEYTRUDA

The safety of re-initiating KEYTRUDA therapy in patients previously experiencing immune-mediated myocarditis is not known.1

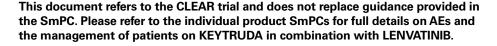
AE, adverse event; IV, intravenous; SmPC, Summary of Product

Characteristics; TEAE, treatment-emergent adverse event.



















KEYTRUDA* (pembrolizumab)

TEAEs of interest for KEYTRUDA in the CLEAR trial³

Go to the LENVATINIB TEAE Management Section

Please refer to the KEYTRUDA SmPC for full information about AE monitoring and management.

Hypothyroidism

Hepatitis

Hyperthyroid is m

Nephritis

Pneumonitis

Infusion-related reactions

Adrenal insufficiency

Myocarditis

Severe skin reactions

Hypophysitis

evere skill reactions

Type 1 diabetes mellitus

Pancreatitis

Colitis

Other TEAEs of interest for KEYTRUDA

Hypophysitis



GRADE 1

Asymptomatic or mild symptoms. Clinical or diagnostic observations only. Intervention not indicated⁶



CONTINUE

KEYTRUDA treatment¹

GRADE 2

Moderate.
Minimal, local or non-invasive intervention indicated. Limiting age-appropriate instrumental ADL⁶



WITHHOLD

KEYTRUDA until controlled by hormone replacement¹

GRADE 3

Severe or medically significant but not immediately life-threatening. Hospitalisation or prolongation of existing hospitalisation indicated.

Limiting self-care ADL⁶

Life-threatening consequences. Urgent intervention indicated⁶

GRADE 4



WITHHOLD

KEYTRUDA until adverse reactions recover to Grades 0–1. For patients with Grade 3 or Grade 4 endocrinopathies that improve to Grade 2 or lower and are controlled with hormone replacement, if indicated, continuation of **KEYTRUDA** may be considered after corticosteroid taper, if needed¹



DISCONTINUE

KEYTRUDA permanently if treatment-related toxicity does not resolve to Grades 0–1 within 12 weeks after the last dose of KEYTRUDA, or if corticosteroid dosing cannot be reduced to ≤10 mg prednisone or equivalent per day within 12 weeks¹

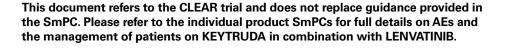
Patients should be monitored for signs and symptoms of hypophysitis (including hypopituitarism) and other causes excluded. Pituitary function and hormone levels should be monitored to ensure appropriate hormone replacement.¹ Long-term hormone replacement therapy may be necessary in cases of immune-mediated endocrinopathies.¹ ADL, activities of daily living; AE, adverse event; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event.

Click here to access a more comprehensive imAE management guide for KEYTRUDA



















KEYTRUDA TEAEs of interest for KEYTRUDA in the CLEAR trial³

Please refer to the KEYTRUDA SmPC for full information about AE monitoring and management.

Hypothyroidism

Hepatitis

Hyperthyroidism

Nephritis

Pneumonitis Infusion-related reactions Adrenal insufficiency

Myocarditis

GRADE 2

Severe skin reactions

Hypophysitis

Pancreatitis Type 1 diabetes mellitus Colitis

Other TEAEs of interest for KEYTRUDA

Type 1 diabetes mellitus



Abnormal glucose above baseline with no medical intervention⁶

GRADE 1

Change in daily management from baseline for a diabetic. Oral antiglycaemic agent initiated. Workup for diabetes⁶

CONTINUE

KEYTRUDA treatment with insulin*1

GRADE 3

Insulin therapy initiated. Hospitalisation indicated⁶ Life-threatening consequences. Urgent intervention indicated⁶

GRADE 4

Go to the LENVATINIB TEAE **Management Section**

WITHHOLD

KEYTRUDA until metabolic control is achieved with administration of insulin and symptoms improve to Grade 2 or lower¹ Withhold KEYTRUDA in the event of Grade >3 hyperglycaemia or associated ketoacidosis. Treatment may be restarted if metabolic control is achieved1



DISCONTINUE

KEYTRUDA permanently if metabolic control is not achieved: if treatmentrelated toxicity does not resolve to Grades 0-1 within 12 weeks after the last dose of KEYTRUDA, or if corticosteroid dosing cannot be reduced to ≤10 mg prednisone or equivalent per day within 12 weeks¹

Patients should be monitored for hyperglycaemia or other signs and symptoms of diabetes.¹ Insulin should be administered for type 1 diabetes.1

*Long-term hormone replacement therapy may be necessary in cases of immune-mediated endocrinopathies.1

AE, adverse event; SmPC, Summary of Product Characteristics;

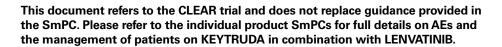
TEAE, treatment-emergent adverse event.

Click here to access a more comprehensive imAE management guide for KEYTRUDA



















MANAGE

KEYTRUDA

TEAEs of interest for KEYTRUDA in the CLEAR trial³

Please refer to the KEYTRUDA SmPC for full information about AE monitoring and management.

Hypothyroidism

Hyperthyroidism

Pneumonitis

Adrenal insufficiency

Severe skin reactions

Pancreatitis

Colitis

Hepatitis

Nephritis

Infusion-related reactions

Myocarditis

Hypophysitis

Type 1 diabetes mellitus

Other TEAEs of interest for KEYTRUDA

Other TEAEs of interest for KEYTRUDA from the CLEAR trial



AE, adverse event; SmPC, Summary of Product Characteristics: TEAE, treatment-emergent adverse event.

Click here to access a more comprehensive imAE management guide for KEYTRUDA



Other TEAEs of interest for KEYTRUDA that occurred in the CLEAR trial include encephalitis, myasthenic syndrome, myositis, thyroiditis and uveitis3



WITHHOLD

KEYTRUDA for immune-mediated AEs based on the severity and type of reaction (Grade 2 or 3) until adverse reactions recover to 0-11



DISCONTINUE

KEYTRUDA permanently if treatment-related toxicity does not resolve to Grades 0-1 within 12 weeks after the last dose of KEYTRUDA, or if corticosteroid dosing cannot be reduced to ≤10 mg prednisone or equivalent per day within 12 weeks1



DISCONTINUE

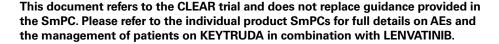
KEYTRUDA permanently for any recurrent Grade 3 immune-mediated toxicity and for any Grade 4 immune-mediated toxicity¹

Discontinue **KEYTRUDA** permanently in the case of Grade 3 or 4 encephalitis¹

Based on limited data from clinical studies in patients whose immune-mediated adverse reactions could not be controlled with corticosteroid use, consider administration of other systemic immunosuppressants1



















Clinically significant TEAEs for LENVATINIB in the CLEAR trial³

Please refer to the **LENVATINIB** SmPC for further information.

Hypothyroidism

Hypertension

PPES

Proteinuria

Haemorrhage

Hepatotoxicity

Renal impairment

QT prolongation

Arterial thromboembolism

Cardiac dysfunction

GI perforation or fistula

Hypocalcaemia

Non-GI fistula

PRES/RPLS

Hypothyroidism



If hypothyroidism is thought to be related to an immune-mediated AE, please refer to the **KEYTRUDA** SmPC.

ADL, activities of daily living; AE, adverse event; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event; TSH, thyroid-stimulating hormone.

Please refer to the individual product SmPCs for further information.

GRADE 1

Asymptomatic.
Clinical or diagnostic
observations only.
Intervention not indicated⁶

GRADE 2

Symptomatic.
Thyroid replacement indicated.
Limiting instrumental ADL⁶

GRADE 3

Severe symptoms. Limiting self-care ADL. Hospitalisation indicated⁶

GRADE 4

Life-threatening consequences.

Urgent intervention

indicated⁶

Thyroid function should be monitored before treatment initiation, then periodically during treatment with KEYTRUDA + LENVATINIB and as indicated based on clinical evaluation. 1.2

If any abnormality in thyroid function is found, consult an endocrinologist.5

Hypothyroidism should be treated according to standard medical practice to maintain euthyroid state.²

Adjust thyroid hormone administration to reach TSH levels appropriate to the patient's therapeutic target.²

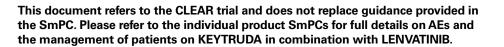
If intolerable despite optimal management, interrupt **LENVATINIB** until resolves to Grade 0–1 or baseline. If thought to be related to **LENVATINIB**, resume **LENVATINIB** at a reduced dose²



LENVATINIB permanently in the event of a Grade 4 or life-threatening reaction²

















Go to the KEYTRUDA TEAE Management Section

MANAGE

Clinically significant TEAEs for LENVATINIB in the CLEAR trial³

Please refer to the **LENVATINIB** SmPC for further information.

Hypothyroidism

Hypertension

PPES

Proteinuria

Haemorrhage

Hepatotoxicity

Renal impairment

QT prolongation

Arterial thromboembolism

Cardiac dysfunction

GI perforation or fistula

Hypocalcaemia

caemia Non-GI fistula

PRES/RPLS

Hypertension



BP should be monitored after 1 week of treatment with **LENVATINIB**, then every 2 weeks for the first 2 months, and monthly thereafter.²

In the CLEAR trial, patients with baseline hypertension had a higher incidence of proteinuria than patients without baseline hypertension.²

AE, adverse event; BP, blood pressure; DBP, diastolic blood pressure; SBP, systolic blood pressure; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event; WNL, within normal limits.

GRADE 1

SBP 120 to 139 mmHg or DBP 80 to 89 mmHg⁶

\rightarrow

CONTINUE

LENVATINIB treatment²

GRADE 2

SBP 140 to 159 mmHg or DBP 90 to 99 mmHg if previously WNL. Change in baseline medical intervention indicated. Recurrent or persistent (≥24 hours). Symptomatic increase by >20 mmHg DBP or to >140/90 mmHg⁶

\longrightarrow

CONTINUE

LENVATINIB and initiate antihypertensive therapy (if not already receiving) or increase dose of current antihypertensive therapy/initiate additional antihypertensive therapy²

If intolerable despite optimal management, interrupt **LENVATINIB** until resolves to Grade 0–1 or baseline. If thought to be related to **LENVATINIB**, resume **LENVATINIB** at a reduced dose²

GRADE 3

SBP ≥160 mmHg or DBP ≥100 mmHg. Medical intervention indicated. More than one drug or more intensive therapy than previously used indicated⁶



INTERRUPT

LENVATINIB if AE occurred despite optimal antihypertensive treatment²



REDUCE

Resume **LENVATINIB** at a reduced dose when SBP ≤150 mmHg, DBP ≤95 mmHg and patient has been on a stable antihypertensive dose for at least 48 hours²

GRADE 4

Life-threatening consequences (e.g. malignant hypertension, transient or permanent neurologic deficit, hypertensive crisis) Urgent intervention indicated⁶

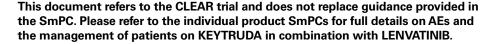


DISCONTINUE

LENVATINIB permanently and provide appropriate medical management²















Please refer to the **LENVATINIB** SmPC for further information.



Go to the KEYTRUDA TEAE **Management Section**

MANAGE

Hypothyroidism

QT prolongation

Clinically significant TEAEs for LENVATINIB in the CLEAR trial³

Hypertension

Arterial thromboembolism

PPES

Cardiac dysfunction

Proteinuria

GI perforation or fistula

Haemorrhage

Hepatotoxicity

Renal impairment

Hypocalcaemia Non-GI fistula PRES/RPLS

PPES



Minimal skin changes or dermatitis (e.g. erythema, oedema, or hyperkeratosis) without pain⁶

GRADE 1

GRADE 2

Skin changes (e.g. peeling, blisters, bleeding, fissures, oedema, or hyperkeratosis) with pain. Limiting instrumental ADL6

CONTINUE

LENVATINIB (if tolerable)²

Use moisturising cream, and consider hydrocolloid dressing for the feet^{11,12} Advise the patient on how to minimise symptoms, such as avoiding sources of heat (e.g. sitting in the sun), wear loose-fitting clothing, and gently applying skin care creams to keep their hands and feet moist¹²

If intolerable despite optimal management, interrupt **LENVATINIB** until resolves to Grade 0-1 or baseline. If thought to be related to LENVATINIB, resume LENVATINIB at a reduced dose²

GRADE 3

Severe skin changes (e.g. peeling, blisters, bleeding, fissures, oedema, or hyperkeratosis) with pain. Limiting self-care ADL6



INTERRUPT

LENVATINIB until resolves to Grade 0-1 or baseline²



REDUCE

Resume **LENVATINIB** at a reduced dose²





DISCONTINUE

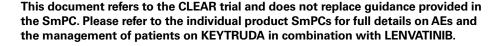
LENVATINIB permanently in the event of a Grade 4 or life-threatening reaction²



ADL, activities of daily living; AE, adverse event; PPES, palmar-plantar erythrodysaesthesia syndrome; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event.



















Nephrotic Syndrome

DISCONTINUE

LENVATINIB treatment²

MANAGE

Clinically significant TEAEs for LENVATINIB in the CLEAR trial³

Please refer to the **LENVATINIB** SmPC for further information.

Hypothyroidism

Hypertension

Proteinuria

Haemorrhage

Hepatotoxicity

Renal impairment

QT prolongation

Arterial thromboembolism

Cardiac dysfunction

reduced dose²

PPES

GI perforation or fistula

Hypocalcaemia

Non-GI fistula

PRES/RPLS

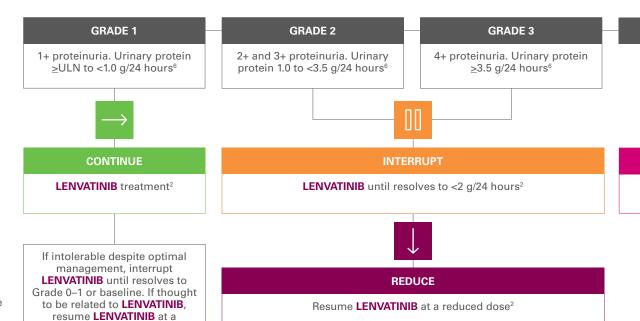
Proteinuria



Manage patients with renal dysfunction caused by diabetes or hypertension carefully.16

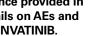
In the CLEAR trial, patients with baseline hypertension had a higher incidence of proteinuria than patients without baseline hypertension²

AE, adverse event: SmPC, Summary of Product Characteristics; TEAE, treatmentemergent adverse event; ULN, upper limit of normal.















Go to the KEYTRUDATEAE Management Section

MANAGE

Clinically significant TEAEs for LENVATINIB in the CLEAR trial³

Please refer to the **LENVATINIB** SmPC for further information.

Hypothyroidism

Hypertension

PPES

Proteinuria

Haemorrhage

Hepatotoxicity

Renal impairment

QT prolongation

Arterial thromboembolism

Cardiac dysfunction

GI perforation or fistula

Hypocalcaemia

Non-GI fistula

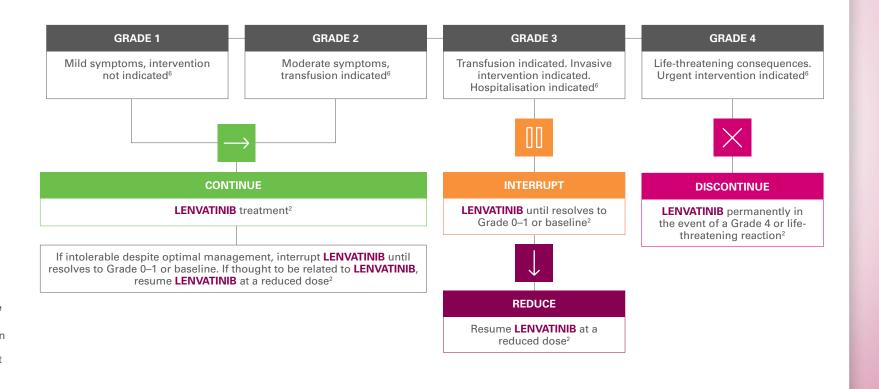
PRES/RPLS

Haemorrhage



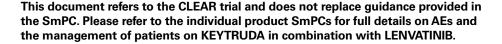
Please refer to the CTCAE guide for the Grade definitions specific to the bleeding type of your patient.6

AE, adverse event; CTCAE, Common Terminology Criteria for Adverse Events; SmPC, Summary of Product Characteristics; TEAE, treatmentemergent adverse event.



















Go to the KEYTRUDA TEAE **Management Section**

MANAGE

Clinically significant TEAEs for LENVATINIB in the CLEAR trial³

Please refer to the **LENVATINIB** SmPC for further information.

Hypothyroidism

Hypertension

PPES

Proteinuria

Haemorrhage

Hepatotoxicity

Renal impairment

QT prolongation

Arterial thromboembolism

Cardiac dysfunction

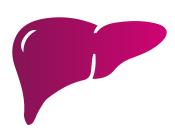
GI perforation or fistula

Hypocalcaemia

Non-GI fistula

PRES/RPLS

Hepatotoxicity



The LENVATINIB starting dose for patients with severe renal or severe hepatic impairment is 10 mg.² Please refer to the SmPC for more information on these patients.

KEYTRUDA + LENVATINIB should be used in patients with severe hepatic impairment only if the anticipated benefit exceeds the risk.2

AE, adverse event; ALT, alanine transaminase: AST, aspartate transaminase: SmPC, Summary of Product Characteristics; TEAE, treatmentemergent adverse event; ULN, upper limit of normal.

Please refer to the individual product SmPCs for further information.

GRADE 1

ALT increase: >ULN - 3.0 x ULN if baseline was normal: 1.5 - 3.0 x baseline if baseline was abnormal. AST increase: >ULN - 3.0 x ULN if baseline was normal: 1.5 - 3.0 x baseline if baseline was abnormal. Bilirubin increase: >ULN - 1.5 x ULN if baseline was normal: > 1.0 - 1.5 xbaseline if baseline was abnormal⁶

GRADE 2

ALT increase: >3.0 - 5.0 x ULN if baseline was normal; >3.0 - 5.0 x baseline if baseline was abnormal. AST increase: >3.0 - 5.0 x UI N if baseline was normal; >3.0 - 5.0 x baseline if baseline was abnormal Bilirubin increase: >1.5 - 3.0 x ULN if baseline was normal:

>1.5 - 3.0 x baseline if baseline was abnormal6

GRADE 3

ALT increase: >5.0 - 20.0 x ULN if baseline was normal; >5.0 - 20.0 x baseline if baseline was abnormal. AST increase: >5.0 - 20.0 x ULN if baseline was normal; >5.0 - 20.0 x baseline if baseline was abnormal. Bilirubin increase: >3.0 - 10.0 x ULN if baseline was normal: >3.0 - 10.0 x baseline if baseline was abnormal6

LENVATINIB until resolves to Grade 0-1 or baseline²



INTERRUPT

REDUCE

Resume **LENVATINIB** at a reduced dose²



GRADE 4

ALT increase: >20.0 x ULN if

baseline was normal; >20.0 x

baseline if baseline was abnormal.

AST increase: >20.0 x UI N if

baseline was normal; >20.0 x

baseline if baseline was abnormal.

Bilirubin increase: >10.0 x ULN

if baseline was normal:

>10.0 x baseline if baseline

DISCONTINUE

LENVATINIB in the event of a Grade 4 reaction²





This document refers to the CLEAR trial and does not replace guidance provided in the SmPC. Please refer to the individual product SmPCs for full details on AEs and the management of patients on KEYTRUDA in combination with LENVATINIB.

CONTINUE

LENVATINIB treatment²

If intolerable despite optimal management, interrupt **LENVATINIB**

until resolves to Grade 0-1 or baseline. If thought to be related to

LENVATINIB, resume LENVATINIB at a reduced dose²

Further dose adjustments may be necessary based on

individual tolerability²











Go to the KEYTRUDA TEAE Management Section

MANAGE

Clinically significant TEAEs for LENVATINIB in the CLEAR trial³

Please refer to the **LENVATINIB** SmPC for further information.

Hypothyroidism

Hypertension

PPES

Proteinuria

Haemorrhage

Hepatotoxicity

Renal impairment

QT prolongation

Arterial thromboembolism

Cardiac dysfunction

GI perforation or fistula

Hypocalcaemia

Non-Gl fistula

PRES/RPLS

Renal impairment



The LENVATINIB starting dose for patients with severe renal or severe hepatic impairment is 10 mg.² Please refer to the SmPC for more information on these patients.

Manage patients with renal dysfunction caused by diabetes or hypertension carefully.¹⁶

AE, adverse event; CrCL, creatinine clearance; eGFR, estimated glomerular filtration rate; LLN, lower limit of normal; SmPC, Summary of Product Characteristics; TEAE, treatmentemergent adverse event.

GRADE 1 eGFR or CrCl <LLN-60 mL/min/1.73 m² or proteinuria 2+ present; urine protein/creatinine >0.56 CONTINUE LENVATINIB treatment²

If intolerable despite optimal management, interrupt **LENVATINIB** until resolves to Grade 0–1 or baseline. If thought to be related to **LENVATINIB**, resume **LENVATINIB** at a reduced dose² Further dose adjustments may be necessary based on individual tolerability²

GRADE 3

eGFR or CrCl 29–15 mL/min/1.73 m^{2 6}



INTERRUPT

LENVATINIB until eGFR or CrCL resolves to Grade 0–1 or baseline²



REDUCE

Resume **LENVATINIB** at a reduced dose²

Nephrotic Syndrome

eGFR or CrCl <15 mL/min/1.73 m². Dialysis or renal transplant indicated⁶

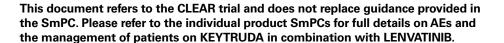


DISCONTINUE

Patients with end-stage renal disease have not been studied, therefore the use of **LENVATINIB** in these patients is not recommended²



















Clinically significant TEAEs for LENVATINIB in the CLEAR trial³

Please refer to the **LENVATINIB** SmPC for further information.

Hypothyroidism

Hypertension

PPES

Proteinuria

Haemorrhage

Hepatotoxicity

Renal impairment

QT prolongation

Arterial thromboembolism

Cardiac dysfunction

GI perforation or fistula

Hypocalcaemia

Non-GI fistula

PRES/RPLS

QT prolongation





GRADE 1

GRADE 2

Average QTc 481-500 ms⁶



CONTINUE

LENVATINIB treatment²

If intolerable despite optimal management, interrupt **LENVATINIB** until resolves to Grade 0-1 or baseline. If thought to be related to LENVATINIB, resume LENVATINIB at a reduced dose²

GRADE 3

Average QTc ≥501 ms. >60 ms change from baseline⁶

Torsade de pointes. Polymorphic ventricular tachycardia; signs/ symptoms of serious arrhythmia⁶

GRADE 4

>500 ms²



INTERRUPT

LENVATINIB until resolves to <480 ms or baseline²



REDUCE

Resume LENVATINIB at a reduced dose²

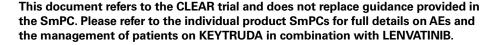
AE, adverse event; QTc, corrected QT interval; SmPC, Summary of Product Characteristics; TEAE, treatmentemergent adverse event.



LENVATINIB should be permanently discontinued if medical management is not successful²

















Go to the KEYTRUDATEAE Management Section

MANAGE

Clinically significant TEAEs for LENVATINIB in the CLEAR trial³

Please refer to the **LENVATINIB** SmPC for further information.

Hypothyroidism

Hypertension

Proteinuria

Haemorrhage

Hepatotoxicity

Renal impairment

QT prolongation

Arterial thromboembolism

Cardiac dysfunction

PPES

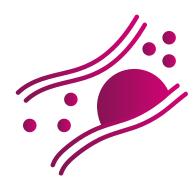
GI perforation or fistula

Hypocalcaemia

Non-GI fistula

PRES/RPLS

Arterial thromboembolism



The most commonly reported arterial thromboembolic event in the **KEYTRUDA** + **LENVATINIB**-treated group in the CLEAR trial was myocardial infarction (3.4%). The median time to onset of arterial thromboembolic events was 10.4 months in the **KEYTRUDA** + **LENVATINIB**-treated group²

LENVATINIB has not been studied in patients who have had an arterial thromboembolism within the previous 6 months, and therefore should be used with caution in such patients. A treatment decision should be made based upon an assessment of the individual patient's benefit/risk. **LENVATINIB** should be discontinued following an arterial thrombotic event²



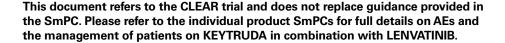
DISCONTINUE

LENVATINIB permanently if an arterial thromboembolism event of any Grade occurs²

AE, adverse event; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event. Please refer to the individual product SmPCs for further information.



















Clinically significant TEAEs for LENVATINIB in the CLEAR trial³

Please refer to the **LENVATINIB** SmPC for further information.

Hypothyroidism

Hypertension

PPES

Proteinuria

Haemorrhage

Hepatotoxicity

Renal impairment

QT prolongation

Arterial thromboembolism

Cardiac dysfunction

GI perforation or fistula

Hypocalcaemia

Non-GI fistula

PRES/RPLS

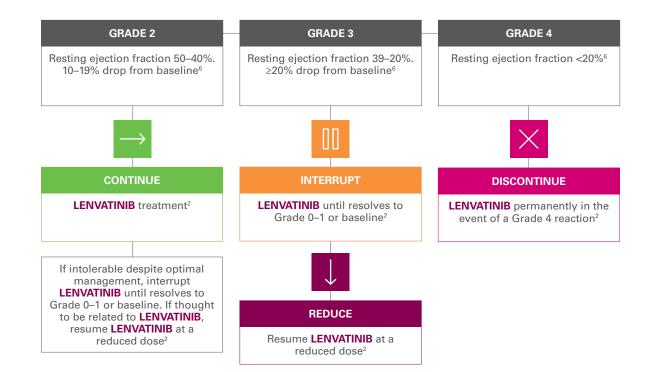
Cardiac dysfunction*



Patients should be monitored for clinical symptoms or signs of cardiac decompensation, as dose interruptions, adjustments, or discontinuation may be necessary.

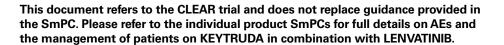
*Cardiac dysfunction characterised by reduced ejection fraction.⁶

AE, adverse event; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event.



















Go to the KEYTRUDATEAE Management Section

MANAGE

Clinically significant TEAEs for LENVATINIB in the CLEAR trial³

Please refer to the **LENVATINIB** SmPC for further information.

Hypothyroidism

Hypertension

PPES

Proteinuria

Haemorrhage

Hepatotoxicity

Renal impairment

QT prolongation

Arterial thromboembolism

Cardiac dysfunction

GI perforation or fistula

Hypocalcaemia

Non-GI fistula

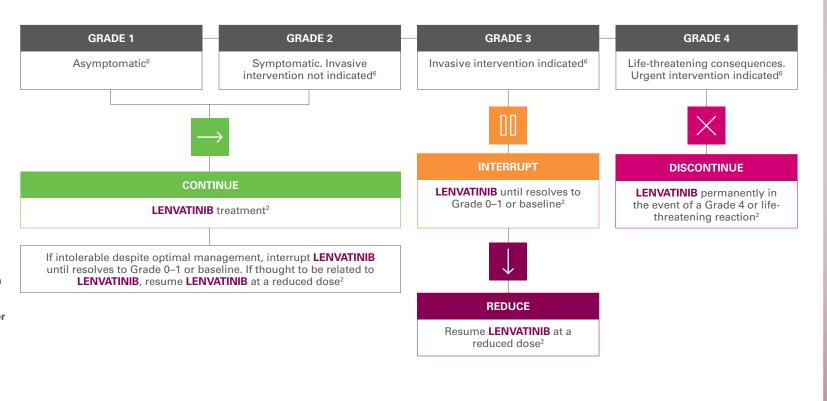
PRES/RPLS

GI perforation or fistula



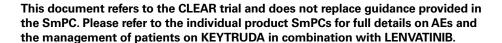
Gastrointestinal perforation or fistulae have been reported in patients treated with LENVATINIB (is a common adverse event for monotherapy and in combination). In most cases, gastrointestinal perforation and fistulae occurred in patients with risk factors such as prior surgery or radiotherapy. In the case of a gastrointestinal perforation or fistula, dose interruptions, adjustments, or discontinuation may be necessary.²

AE, adverse event; GI, gastrointestinal; SmPC, Summary of Product Characteristics; TEAE, treatmentemergent adverse event.



















Go to the KEYTRUDA TEAE Management Section

MANAGE

Clinically significant TEAEs for LENVATINIB in the CLEAR trial³

Please refer to the **LENVATINIB** SmPC for further information.

Hypothyroidism

Hypertension

PPES

Proteinuria

Haemorrhage

Hepatotoxicity

Renal impairment

QT prolongation

Arterial thromboembolism

Cardiac dysfunction

GI perforation or fistula

Hypocalcaemia

Non-GI fistula

PRES/RPLS

Hypocalcaemia



AE, adverse event; LLN, lower limit of normal; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event.



GRADE 1

ed serum calcium

Corrected serum calcium of <8.0–7.0 mg/dL; <2.0–1.75 mmol/L. lonised calcium <1.0–0.9 mmol/L. Symptomatic⁶

GRADE 2

CONTINUE

LENVATINIB treatment²

If intolerable despite optimal management, interrupt **LENVATINIB** until resolves to Grade 0–1 or baseline. If thought to be related to **LENVATINIB**, resume **LENVATINIB** at a reduced dose²

GRADE 3

Corrected serum calcium of <7.0–6.0 mg/dL; <1.75–1.5 mmol/L. Ionised calcium <0.9–0.8 mmol/L. Hospitalisation indicated⁶

00

INTERRUPT

LENVATINIB until resolves to Grade 0–1 or baseline²



REDUCE

Resume **LENVATINIB** at a reduced dose²

GRADE 4

Corrected serum calcium of <6.0 mg/dL; <1.5 mmol/L. lonised calcium <0.8 mmol/L. Life-threatening consequences⁶

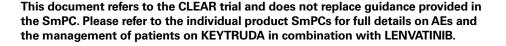


DISCONTINUE

LENVATINIB in the event of a lifethreatening, Grade 4 reaction²



















Clinically significant TEAEs for LENVATINIB in the CLEAR trial³

Please refer to the **LENVATINIB** SmPC for further information.

Hypothyroidism

Hypertension

PPES

Proteinuria

Haemorrhage

Hepatotoxicity

Renal impairment

QT prolongation

Arterial thromboembolism

Cardiac dysfunction

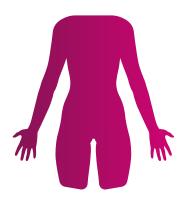
GI perforation or fistula

Hypocalcaemia

Non-GI fistula

PRES/RPLS

Non-GI fistula



Patients may be at increased risk for the development of fistulae when treated with **LENVATINIB**.² Cases of fistula formation or enlargement that involved areas of the body other than the stomach or intestines were observed in clinical trials and in post-marketing experience, including:²

- Tracheal fistulae
- Tracheo-oesophageal fistulae
- Oesophageal fistulae
- Cutaneous fistulae
- · Female genital tract fistulae



DISCONTINUE

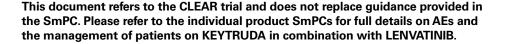
LENVATINIB should not be started in patients with fistulae to avoid worsening and **LENVATINIB** should be permanently discontinued in patients with oesophageal or tracheobronchial tract involvement and any Grade 4 fistula²

Limited information is available on the use of dose interruption or reduction in the management of other events, but worsening was observed in some cases and caution should be taken²

AE, adverse event; GI, gastrointestinal; SmPC, Summary of Product Characteristics; TEAE, treatmentemergent adverse event.



















Clinically significant TEAEs for LENVATINIB in the CLEAR trial³

Please refer to the **LENVATINIB** SmPC for further information.

Hypothyroidism

Hypertension

PPES

Proteinuria

Haemorrhage

Hepatotoxicity

Renal impairment

QT prolongation

Arterial thromboembolism

Cardiac dysfunction

GI perforation or fistula

Hypocalcaemia

Non-GI fistula

PRES/RPLS

PRES/RPLS



Mild to severe hypertension may be present² and appropriate measures should be taken to control blood pressure – see hypertension tab for details.

AE, adverse event; PRES, posterior reversible encephalopathy syndrome; RPLS, reversible posterior leukoencephalopathy syndrome; SmPC, Summary of Product Characteristics; TEAE, treatment-emergent adverse event.



INTERRUPT

LENVATINIB if PRES/RPLS of any Grade occurs²

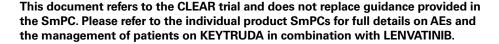


REDUCE

Considering resuming **LENVATINIB** at a reduced dose if resolves to Grade 0–1²

















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If you have any questions or would like to request any further materials please contact:

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