

Dimensions: 6" x 9"

**KEYTRUDA**<sup>®</sup>  
(pembrolizumab) Injection 100 mg



# KEYTRUDA + AXITINIB: HELPING TO REDEFINE SURVIVAL EXPECTATIONS FOR YOUR PATIENTS WITH aRCC

**ADVANCED RENAL CELL CARCINOMA (aRCC):** KEYTRUDA, in combination with axitinib, is indicated for the first-line treatment of patients with advanced renal cell carcinoma (RCC).

**Superior overall survival vs sunitinib: HR<sup>a</sup>=0.53; 95% CI, 0.38–0.74; P<sup>b</sup><0.0001<sup>c</sup>**

<sup>a</sup>HR is based on the stratified Cox proportional hazard model.

<sup>b</sup>Based on stratified log-rank test.

<sup>c</sup>P value (one-sided) is compared with the allocated alpha of 0.0001 for this interim analysis (with 39% of the planned number of events for final analysis).

HR = hazard ratio; CI = confidence interval.

## SELECTED SAFETY INFORMATION

### Immune-Mediated Pneumonitis

- KEYTRUDA can cause immune-mediated pneumonitis, including fatal cases. Pneumonitis occurred in 3.4% (94/2799) of patients receiving KEYTRUDA, including Grade 1 (0.8%), 2 (1.3%), 3 (0.9%), 4 (0.3%), and 5 (0.1%), and occurred more frequently in patients with a history of prior thoracic radiation (6.9%) compared to those without (2.9%). Monitor patients for signs and symptoms of pneumonitis. Evaluate suspected pneumonitis with radiographic imaging. Administer corticosteroids for Grade 2 or greater pneumonitis. Withhold KEYTRUDA for Grade 2; permanently discontinue KEYTRUDA for Grade 3 or 4 or recurrent Grade 2 pneumonitis.

**Before prescribing KEYTRUDA, please read the accompanying Prescribing Information. The Medication Guide also is available.**

Derived from  
US-RCC-00436: p6A

PI: p11A,B

SSI 1α

PI: p6I

SSI W

PI: p82H; p83A

PI: p6I

PI: p82B  
Rini, 2019: p1117I

PI: p82B-H; p83A  
Rini, 2019: p1117I,M,N

PI: p82B-F

Derived from  
US-RCC-00436: p34A; p35A

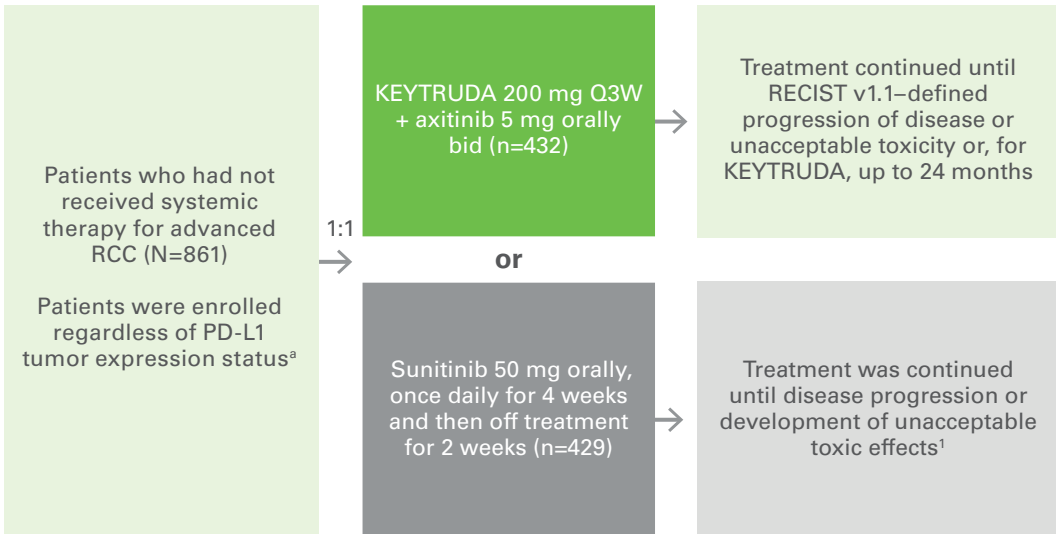
PI: p11E,F

SSI 2



KEYTRUDA + axitinib in first-line treatment of aRCC

## KEYNOTE-426: PHASE 3, MULTICENTER, OPEN-LABEL, RANDOMIZED TRIAL vs SUNITINIB<sup>1</sup>



- Main efficacy outcome measures: overall survival (OS) and progression-free survival (PFS) as assessed by BICR according to modified RECIST v1.1.
- Additional efficacy outcome measure: objective response rate (ORR) as assessed by BICR.
- The median follow-up time was 12.8 months (range: 0.1 to 22.0 months).

<sup>a</sup>Randomization was stratified by IMDC risk categories (favorable vs intermediate vs poor) and geographic region (North America vs Western Europe vs rest of the world).

- Patients with active autoimmune disease requiring systemic immunosuppression within the last 2 years were ineligible.
- Administration of KEYTRUDA and axitinib was permitted beyond RECIST-defined disease progression if the patient was clinically stable and considered to be deriving clinical benefit by the investigator.
- Assessment of tumor status was performed at baseline, after randomization at week 12, then every 6 weeks thereafter until week 54, and then every 12 weeks thereafter.
- Patients who tolerated axitinib 5 mg twice daily for 2 consecutive cycles (6 weeks) could increase to 7 mg and then subsequently to 10 mg twice daily.
- Axitinib could be interrupted or reduced to 3 mg twice daily and subsequently to 2 mg twice daily to manage toxicity.

bid = twice daily; BICR = blinded independent central review; IMDC = International Metastatic RCC Database Consortium; PD-L1 = programmed death ligand 1; Q3W = every 3 weeks; RECIST v1.1 = Response Evaluation Criteria In Solid Tumors v1.1.

### SELECTED SAFETY INFORMATION (*continued*)

#### Immune-Mediated Colitis

- KEYTRUDA can cause immune-mediated colitis. Colitis occurred in 1.7% (48/2799) of patients receiving KEYTRUDA, including Grade 2 (0.4%), 3 (1.1%), and 4 (<0.1%). Monitor patients for signs and symptoms of colitis. Administer corticosteroids for Grade 2 or greater colitis. Withhold KEYTRUDA for Grade 2 or 3; permanently discontinue KEYTRUDA for Grade 4 colitis.

### SELECTED SAFETY INFORMATION (*continued*)

#### Immune-Mediated Hepatitis (KEYTRUDA) and Hepatotoxicity (KEYTRUDA in Combination With Axitinib)

##### *Immune-Mediated Hepatitis*

- KEYTRUDA can cause immune-mediated hepatitis. Hepatitis occurred in 0.7% (19/2799) of patients receiving KEYTRUDA, including Grade 2 (0.1%), 3 (0.4%), and 4 (<0.1%). Monitor patients for changes in liver function. Administer corticosteroids for Grade 2 or greater hepatitis and, based on severity of liver enzyme elevations, withhold or discontinue KEYTRUDA.

##### *Hepatotoxicity in Combination With Axitinib*

- KEYTRUDA in combination with axitinib can cause hepatic toxicity with higher than expected frequencies of Grades 3 and 4 ALT and AST elevations compared to KEYTRUDA alone. With the combination of KEYTRUDA and axitinib, Grades 3 and 4 increased ALT (20%) and increased AST (13%) were seen. Monitor liver enzymes before initiation of and periodically throughout treatment. Consider more frequent monitoring of liver enzymes as compared to when the drugs are administered as single agents. For elevated liver enzymes, interrupt KEYTRUDA and axitinib, and consider administering corticosteroids as needed.

#### Immune-Mediated Endocrinopathies

- KEYTRUDA can cause adrenal insufficiency (primary and secondary), hypophysitis, thyroid disorders, and type 1 diabetes mellitus. Adrenal insufficiency occurred in 0.8% (22/2799) of patients, including Grade 2 (0.3%), 3 (0.3%), and 4 (<0.1%). Hypophysitis occurred in 0.6% (17/2799) of patients, including Grade 2 (0.2%), 3 (0.3%), and 4 (<0.1%). Hypothyroidism occurred in 8.5% (237/2799) of patients, including Grade 2 (6.2%) and 3 (0.1%). Hyperthyroidism occurred in 3.4% (96/2799) of patients, including Grade 2 (0.8%) and 3 (0.1%), and thyroiditis occurred in 0.6% (16/2799) of patients, including Grade 2 (0.3%). Type 1 diabetes mellitus, including diabetic ketoacidosis, occurred in 0.2% (6/2799) of patients.
- Monitor patients for signs and symptoms of adrenal insufficiency, hypophysitis (including hypopituitarism), thyroid function (prior to and periodically during treatment), and hyperglycemia. For adrenal insufficiency or hypophysitis, administer corticosteroids and hormone replacement as clinically indicated. Withhold KEYTRUDA for Grade 2 adrenal insufficiency or hypophysitis and withhold or discontinue KEYTRUDA for Grade 3 or Grade 4 adrenal insufficiency or hypophysitis. Administer hormone replacement for hypothyroidism and manage hyperthyroidism with thionamides and beta-blockers as appropriate. Withhold or discontinue KEYTRUDA for Grade 3 or 4 hyperthyroidism. Administer insulin for type 1 diabetes, and withhold KEYTRUDA and administer antihyperglycemics in patients with severe hyperglycemia.

ALT = alanine aminotransferase; AST = aspartate aminotransferase.

PI: p11G; p12A-D

SSI 3b

PI: p12E,F,H,I; p13A-F

SSI 4

PI: p12E,H; p13B,F

SSI 5

**Before prescribing KEYTRUDA, please read the additional Selected Safety Information on the following pages and the accompanying Prescribing Information.**

**KEYTRUDA<sup>®</sup>**  
(pembrolizumab) Injection 100 mg



PI: p6I

PI: p82H; p83A; p84A  
Calc (risk reduction: (1 - 0.53) x  
100 = 47%  
Rini, 2019: p1121A

Derived from  
US-RCC-00436: p6A

PI: p13G,H

SSI 6

PI: p6I

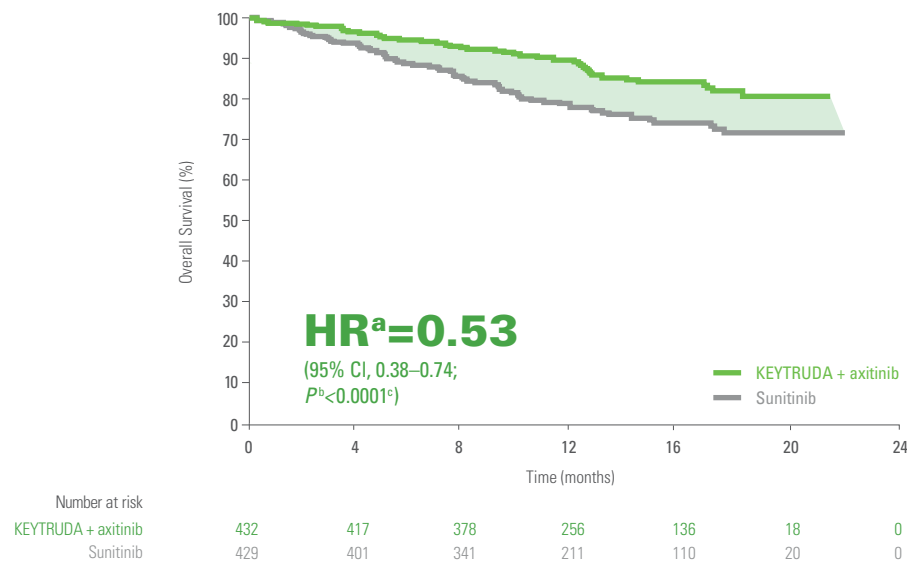


KEYTRUDA + axitinib in first-line treatment of aRCC

## INITIAL ANALYSIS — SUPERIOR OS: REDUCED RISK OF DEATH BY NEARLY HALF vs SUNITINIB

Median patient follow-up was 12.8 months

Kaplan-Meier Estimates of OS in KEYNOTE-426<sup>1</sup>



From *The New England Journal of Medicine*, Rini BI, Plimack ER, Stus V, et al; for the KEYNOTE-426 Investigators. Pembrolizumab plus axitinib versus sunitinib for advanced renal-cell carcinoma, 2019;380:1116–1127. Copyright © 2019 Massachusetts Medical Society. Reprinted with permission from Massachusetts Medical Society.

<sup>a</sup>Based on the stratified Cox proportional hazard model.

<sup>b</sup>Based on stratified log-rank test.

<sup>c</sup>P value (one-sided) is compared with the allocated alpha of 0.0001 for this interim analysis (with 39% of the planned number of events for final analysis).

- Events observed: 59/432 (14%) with KEYTRUDA + axitinib vs 97/429 (23%) with sunitinib
- Median OS not reached (NR) with KEYTRUDA + axitinib or with sunitinib

### SELECTED SAFETY INFORMATION (*continued*)

#### Immune-Mediated Nephritis and Renal Dysfunction

- KEYTRUDA can cause immune-mediated nephritis. Nephritis occurred in 0.3% (9/2799) of patients receiving KEYTRUDA, including Grade 2 (0.1%), 3 (0.1%), and 4 (<0.1%) nephritis. Monitor patients for changes in renal function. Administer corticosteroids for Grade 2 or greater nephritis. Withhold KEYTRUDA for Grade 2; permanently discontinue for Grade 3 or 4 nephritis.



Make KEYTRUDA + axitinib your first move.

KEYTRUDA + axitinib in first-line treatment of aRCC

## INITIAL ANALYSIS: THE ONLY 1L COMBINATION TO ACHIEVE SUPERIORITY ACROSS THESE 3 END POINTS vs SUNITINIB<sup>2</sup>

### Reduced risk of death by nearly half vs sunitinib

HR<sup>a</sup>=0.53; 95% CI, 0.38–0.74; P<sup>b</sup><0.0001<sup>c</sup>

- Events observed: 59/432 (14%) with KEYTRUDA + axitinib vs 97/429 (23%) with sunitinib

### PFS: HR<sup>a</sup>=0.69

(95% CI, 0.56–0.84; P<sup>b</sup>=0.0001<sup>d</sup>)

- Events observed: 183/432 (42%) with KEYTRUDA + axitinib vs 213/429 (50%) with sunitinib
- Median PFS: 15.1 months (95% CI, 12.6–17.7) with KEYTRUDA + axitinib vs 11.0 months (95% CI, 8.7–12.5) with sunitinib

- Consistent results were observed across prespecified subgroups, IMDC risk categories, and PD-L1 tumor expression status.

<sup>a</sup>Based on the stratified Cox proportional hazard model.

<sup>b</sup>Based on stratified log-rank test.

<sup>c</sup>P value (one-sided) is compared with the allocated alpha of 0.0001 for this interim analysis (with 39% of the planned number of events for final analysis).

<sup>d</sup>P value (one-sided) is compared with the allocated alpha of 0.0013 for this interim analysis (with 81% of the planned number of events for final analysis).

<sup>e</sup>Best objective response as confirmed complete response or partial response.

<sup>f</sup>Based on Miettinen and Nurminen method stratified by IMDC risk group and geographic region.

1L = first line; CR = complete response; PR = partial response.

### SELECTED SAFETY INFORMATION (*continued*)

#### Immune-Mediated Skin Reactions

- Immune-mediated rashes, including Stevens-Johnson syndrome (SJS), toxic epidermal necrolysis (TEN) (some cases with fatal outcome), exfoliative dermatitis, and bullous pemphigoid, can occur. Monitor patients for suspected severe skin reactions and based on the severity of the adverse reaction, withhold or permanently discontinue KEYTRUDA and administer corticosteroids. For signs or symptoms of SJS or TEN, withhold KEYTRUDA and refer the patient for specialized care for assessment and treatment. If SJS or TEN is confirmed, permanently discontinue KEYTRUDA.

Before prescribing KEYTRUDA, please read the additional Selected Safety Information on the following pages and the accompanying Prescribing Information.

**KEYTRUDA**<sup>®</sup>  
(pembrolizumab) Injection 100 mg

PI: p6I

PI: p82H; p83A  
*Opdivo* PI: p3I; p81A,B,E,F; p82A,C

PI: p82G,H; p83A  
Calc (risk reduction: (1 - 0.53) x  
100 = 47%)

Derived from  
US-RCC-00436: p9A

PI: p14A

SSI 7

PI: p6I

Data Available Pack  
US-RCC-00474: p5E; p6A

Data Available Pack  
US-RCC-00474: p5E

Derived from  
US-RCC-00436: p16A

PI: p83A  
Data Available Pack  
US-RCC-00474: p6A

PI: p83A

Data Available Pack  
US-RCC-00474: p6B

Data Available Pack  
US-RCC-00474: p5F

PI: p14B,C

SSI 8



KEYTRUDA + axitinib in first-line treatment of aRCC

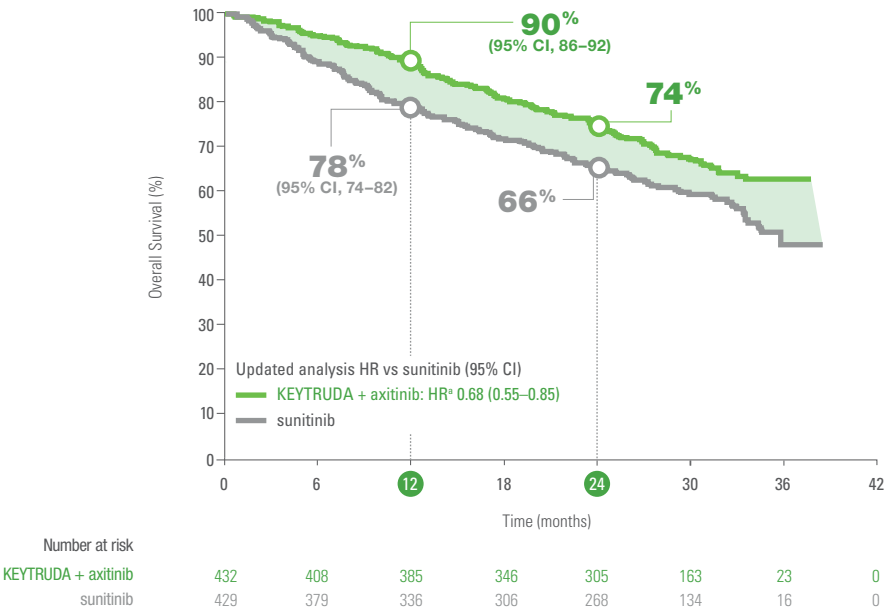
UPDATED ANALYSIS: OVERALL SURVIVAL vs SUNITINIB<sup>3</sup>

OS, PFS, AND ORR FROM AN UPDATED ANALYSIS<sup>3</sup>

Data Available Pack  
US-RCC-00474: p5E; p6A-D

Median patient follow-up was 27 months<sup>3</sup>

Kaplan-Meier Estimates of OS in KEYNOTE-426<sup>3</sup>



<sup>a</sup>HR based on the stratified Cox proportional hazard model.

- Median overall survival for KEYTRUDA + axitinib was not reached vs 35.7 months for sunitinib (95% CI, 33.3–NR).<sup>3</sup>

LIMITATIONS:

This protocol-specified analysis occurred after an interim analysis that demonstrated the superiority of KEYTRUDA + axitinib in overall survival, progression-free survival, and overall response rate compared to sunitinib alone. No formal statistical testing was performed for the updated analysis, and, therefore, no conclusions can be drawn.<sup>3</sup>

SELECTED SAFETY INFORMATION (*continued*)

Other Immune-Mediated Adverse Reactions

- Immune-mediated adverse reactions, which may be severe or fatal, can occur in any organ system or tissue in patients receiving KEYTRUDA and may also occur after discontinuation of treatment. For suspected immune-mediated adverse reactions, ensure adequate evaluation to confirm etiology or exclude other causes. Based on the severity of the adverse reaction, withhold KEYTRUDA and administer corticosteroids. Upon improvement to Grade 1 or less, initiate corticosteroid taper and continue to taper over at least 1 month. Based on limited data from clinical studies in patients whose immune-related adverse reactions could not be controlled with corticosteroid use, administration of other systemic immunosuppressants can be considered. Resume KEYTRUDA when the adverse reaction remains at Grade 1 or less following corticosteroid taper. Permanently discontinue KEYTRUDA for any Grade 3 immune-mediated adverse reaction that recurs and for any life-threatening immune-mediated adverse reaction.

Median patient follow-up was 27 months<sup>3</sup>

	KEYTRUDA + axitinib (n=432)	Sunitinib (n=429)
Overall Survival		
OS (95% CI)	HR <sup>b</sup> =0.68 (0.55–0.85)	
Events observed	142/432 (33%)	178/429 (42%)
Progression-free Survival		
PFS (95% CI)	HR=0.71 (0.60–0.84)	
Events observed	264/432 (61%)	281/429 (66%)
Median PFS (95% CI)	15.4 months (12.7–18.9)	11.1 months (9.1–12.5)
Objective Response Rate		
ORR	60% (55.4–64.8)	40% (35.2–44.7)
CR	9%	3%
PR	51%	37%

<sup>b</sup>Based on the stratified Cox proportional hazard model.

LIMITATIONS:

This protocol-specified analysis occurred after an interim analysis that demonstrated the superiority of KEYTRUDA + axitinib in overall survival, progression-free survival, and overall response rate compared to sunitinib alone. No formal statistical testing was performed for the updated analysis, and, therefore, no conclusions can be drawn.<sup>3</sup>

SELECTED SAFETY INFORMATION (*continued*)

Other Immune-Mediated Adverse Reactions (*continued*)

- The following clinically significant immune-mediated adverse reactions occurred in less than 1% (unless otherwise indicated) of 2799 patients: arthritis (1.5%), uveitis, myositis, Guillain-Barré syndrome, myasthenia gravis, vasculitis, pancreatitis, hemolytic anemia, sarcoidosis, and encephalitis. In addition, myelitis and myocarditis were reported in other clinical trials, including classical Hodgkin lymphoma, and postmarketing use.
- Treatment with KEYTRUDA may increase the risk of rejection in solid organ transplant recipients. Consider the benefit of treatment vs the risk of possible organ rejection in these patients.

Before prescribing KEYTRUDA, please read the additional Selected Safety Information on the following pages and the accompanying Prescribing Information.

**KEYTRUDA<sup>®</sup>**  
(pembrolizumab) Injection 100 mg

Data Available Pack  
US-RCC-00474: p5E; p6A-D  
Calc (% Events Observed with KEYTRUDA + axitinib): 142 / 432 = 0.33 x 100 = 33%  
Calc (Events Observed with Sunitinib): 178 / 429 = 0.42 x 100 = 42%

PI: p83A

Data Available Pack  
US-RCC-00474: p5F

PI: p14D

SSI 9

PI: p14E

SSI 10



PI: p6I

PI: p82H; p83A  
Data Available Pack  
US-RCC-00474: p6D

PI: p83A  
Data Available Pack  
US-RCC-00474: p6D  
Calc (KEYTRUDA PR Long-term  
Analysis): KEYTRUDA + axitinib:  
60% - 9% = 51%; sunitinib:  
40% - 3% = 37%

PI: p83A

Data Available Pack  
US-RCC-00474: p5F

Derived from  
US-RCC-00436: p20A

PI: p14F

SSI 11

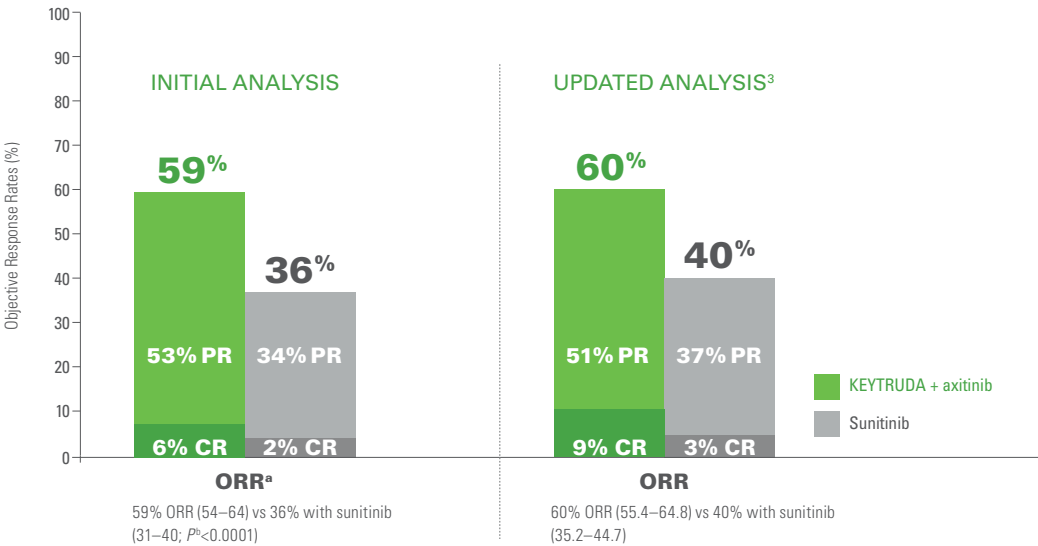
PI: p14G

SSI 12



KEYTRUDA + axitinib in first-line treatment of aRCC

ORR WITH KEYTRUDA + AXITINIB vs SUNITINIB AT  
INITIAL ANALYSIS AND UPDATED ANALYSIS<sup>3</sup>



<sup>a</sup>Best objective response as confirmed complete response or partial response.  
<sup>b</sup>Based on Miettinen and Nurminen method stratified by IMDC risk group and geographic region.

LIMITATIONS:

This protocol-specified analysis occurred after an interim analysis that demonstrated the superiority of KEYTRUDA + axitinib in overall survival, progression-free survival, and overall response rate compared to sunitinib alone. No formal statistical testing was performed for the updated analysis, and, therefore, no conclusions can be drawn.<sup>3</sup>

SELECTED SAFETY INFORMATION (continued)

Infusion-Related Reactions

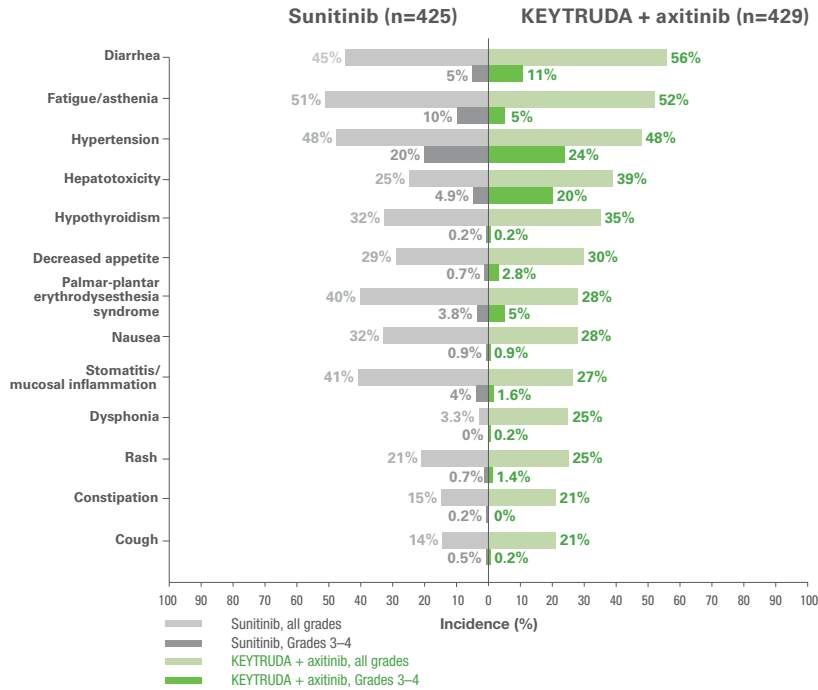
- KEYTRUDA can cause severe or life-threatening infusion-related reactions, including hypersensitivity and anaphylaxis, which have been reported in 0.2% (6/2799) of patients. Monitor patients for signs and symptoms of infusion-related reactions. For Grade 3 or 4 reactions, stop infusion and permanently discontinue KEYTRUDA.

Complications of Allogeneic Hematopoietic Stem Cell Transplantation (HSCT)

- Immune-mediated complications, including fatal events, occurred in patients who underwent allogeneic HSCT after treatment with KEYTRUDA. Follow patients closely for early evidence of transplant-related complications such as hyperacute graft-versus-host disease (GVHD), Grade 3 to 4 acute GVHD, steroid-requiring febrile syndrome, hepatic veno-occlusive disease (VOD), and other immune-mediated adverse reactions.

SAFETY DATA FROM KEYNOTE-426

Adverse Reactions Occurring in ≥20% of Patients Receiving KEYTRUDA + axitinib



- In KEYNOTE-426, when KEYTRUDA was administered in combination with axitinib, fatal adverse reactions occurred in 3.3% of 429 patients. Serious adverse reactions occurred in 40% of patients, the most frequent (≥1%) were hepatotoxicity (7%), diarrhea (4.2%), acute kidney injury (2.3%), dehydration (1%), and pneumonitis (1%).
- Permanent discontinuation due to an adverse reaction occurred in 31% of patients; KEYTRUDA only (13%), axitinib only (13%), and the combination (8%); the most common were hepatotoxicity (13%), diarrhea/colitis (1.9%), acute kidney injury (1.6%), and cerebrovascular accident (1.2%).

SELECTED SAFETY INFORMATION (continued)

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

- In patients with a history of allogeneic HSCT, acute GVHD (including fatal GVHD) has been reported after treatment with KEYTRUDA. Patients who experienced GVHD after their transplant procedure may be at increased risk for GVHD after KEYTRUDA. Consider the benefit of KEYTRUDA vs the risk of GVHD in these patients.

Before prescribing KEYTRUDA, please read the additional Selected Safety Information on the following pages and the accompanying Prescribing Information.

KEYTRUDA<sup>®</sup>  
(pembrolizumab) Injection 100 mg

PI: p40B-D; p41A

Derived from  
US-RCC-00436: p29A

PI: p15A

SSI 13

PI: p6I; p47I  
Inlyta PI: p22G

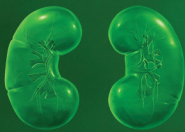
Verbatim from  
US-RCC-00436: p23A

PI: p15B

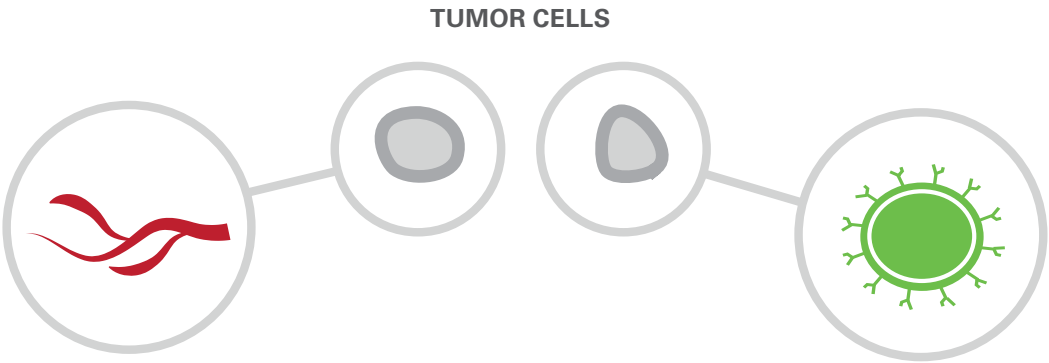
SSI 14

PI: p15C; p46F,G

SSI 15



KEYTRUDA and axitinib:  
**INHIBITS 2 DISTINCT DISEASE PATHWAYS IN aRCC<sup>4</sup>**



- Axitinib: VEGF inhibition**
- Axitinib has been shown to inhibit receptor tyrosine kinases including vascular endothelial growth factor receptors (VEGFR)-1, VEGFR-2, and VEGFR-3 at therapeutic plasma concentrations.<sup>4</sup>
  - These receptors are implicated in pathologic angiogenesis, tumor growth, and cancer progression.<sup>4</sup>
- KEYTRUDA: PD-1 receptor blockade**
- KEYTRUDA binds to the PD-1 receptor and blocks its interaction with PD-L1 and PD-L2, which helps restore the immune response.
  - While having an effect on the tumor, this could also affect normal, healthy cells.

VEGF = vascular endothelial growth factor; PD-1 = programmed death receptor-1; PD-L2 = programmed death ligand 2.

**SELECTED SAFETY INFORMATION (continued)**

- 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 a PD-1 or PD-L1 blocking antibody in this combination is not recommended outside of controlled trials.
- 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.

**KEYTRUDA, IN COMBINATION WITH AXITINIB, IS INDICATED FOR THE FIRST-LINE TREATMENT OF PATIENTS WITH ADVANCED RENAL CELL CARCINOMA (RCC)**

**NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines<sup>®</sup>) for Kidney Cancer**

**PEMBROLIZUMAB (KEYTRUDA) + AXITINIB: THE ONLY PREFERRED FIRST-LINE TREATMENT OPTION RECOMMENDED ACROSS ALL 3 IMDC RISK GROUPS IN ADVANCED CLEAR-CELL RCC<sup>5</sup>**

	Favorable risk	Intermediate/ poor risk
Pembrolizumab (KEYTRUDA) + axitinib	Preferred (Category 2A)	Preferred (Category 1)

Category 1 = Based upon high-level evidence, there is uniform National Comprehensive Cancer Network<sup>®</sup> (NCCN<sup>®</sup>) consensus that the intervention is appropriate.<sup>5</sup>  
Category 2A = Based upon lower-level evidence, there is uniform NCCN consensus that the intervention is appropriate.<sup>5</sup>  
Preferred intervention = Intervention that is based on superior efficacy, safety, and evidence; and, when appropriate, affordability.<sup>5</sup>  
NCCN makes no warranties of any kind whatsoever regarding their content, use, or application and disclaims any responsibility for their application or use in any way.

**SELECTED SAFETY INFORMATION (continued)**

- Adverse Reactions**
- In KEYNOTE-426, when KEYTRUDA was administered in combination with axitinib, fatal adverse reactions occurred in 3.3% of 429 patients. Serious adverse reactions occurred in 40% of patients, the most frequent (≥1%) were hepatotoxicity (7%), diarrhea (4.2%), acute kidney injury (2.3%), dehydration (1%), and pneumonitis (1%). Permanent discontinuation due to an adverse reaction occurred in 31% of patients; KEYTRUDA only (13%), axitinib only (13%), and the combination (8%); the most common were hepatotoxicity (13%), diarrhea/colitis (1.9%), acute kidney injury (1.6%), and cerebrovascular accident (1.2%). The most common adverse reactions (≥20%) were diarrhea (56%), fatigue/asthenia (52%), hypertension (48%), hepatotoxicity (39%), hypothyroidism (35%), decreased appetite (30%), palmar-plantar erythrodysesthesia (28%), nausea (28%), stomatitis/mucosal inflammation (27%), dysphonia (25%), rash (25%), cough (21%), and constipation (21%).
- 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 final dose.

**Before prescribing KEYTRUDA, please read the additional Selected Safety Information on the following page and the accompanying Prescribing Information.**

**KEYTRUDA<sup>®</sup>**  
(pembrolizumab) Injection 100 mg

PI: p6I

NCCN Guidelines Kidney Cancer  
v1.2021: pKID-C 1 of 2A,D

NCCN Guidelines Kidney Cancer  
v1.2021: pCAT-1A,B

Verbatim from  
US-RCC-00436: p36A

PI: p39E; p40B-D,F; p41A

SSI 40

PI: p46E

SSI 46



PI: p82G,H; p83A  
Calc (risk reduction:  
(1 - 0.53) x 100 = 47%

Verbatim from  
US-RCC-00436: p32A

PI: p6I

SSI W

PI: p82G,H; p83A

Verbatim from  
US-RCC-00436: p32A

PI: p11A,E,G; p12A,E,H; p13B,F,G;  
p14A-C,E,G; p15A

SSI 48α



**KEYTRUDA + AXITINIB: SUPERIOR OVERALL  
SURVIVAL—REDUCED RISK OF DEATH BY NEARLY  
HALF vs SUNITINIB**

**ADVANCED RENAL CELL CARCINOMA (aRCC):** KEYTRUDA, in combination with axitinib, is indicated for the first-line treatment of patients with advanced renal cell carcinoma (RCC).

**Superiority across these 3  
end points vs sunitinib  
(Initial Analysis)**

- ✓ **OS** • HR<sup>a</sup>=**0.53** (95% CI, 0.38–0.74; *P*<sup>b</sup><0.0001<sup>c</sup>)
- ✓ **PFS** • HR<sup>a</sup>=**0.69** (95% CI, 0.56–0.84; *P*<sup>b</sup>=0.0001<sup>d</sup>)  
• Median PFS: 15.1 months (95% CI, 12.6–17.7) with KEYTRUDA + axitinib vs 11.0 months (95% CI, 8.7–12.5) with sunitinib
- ✓ **ORR<sup>e</sup>** • **59%** (95% CI, 54–64; *P*<sup>f</sup><0.0001) vs 36% ORR with sunitinib (95% CI, 31–40)  
• 6% CR and 53% PR for KEYTRUDA + axitinib vs 2% CR and 34% PR for sunitinib

**Approved for use across all  
3 IMDC risk groups and  
regardless of PD-L1 status**

- ✓ **FAVORABLE**
- ✓ **INTERMEDIATE**
- ✓ **POOR**

<sup>a</sup>Based on the stratified Cox proportional hazard model.

<sup>b</sup>Based on stratified log-rank test.

<sup>c</sup>*P* value (one-sided) is compared with the allocated alpha of 0.0001 for this interim analysis (with 39% of the planned number of events for final analysis).

<sup>d</sup>*P* value (one-sided) is compared with the allocated alpha of 0.0013 for this interim analysis (with 81% of the planned number of events for final analysis).

<sup>e</sup>Best objective response as confirmed complete response or partial response.

<sup>f</sup>Based on Miettinen and Nurminen method stratified by IMDC risk group and geographic region.

**SELECTED SAFETY INFORMATION (*continued*)**

**Summary of Immune-Mediated Reactions**

- Immune-mediated adverse reactions, which may be severe or fatal, can occur with KEYTRUDA, including pneumonitis, colitis, hepatitis, endocrinopathies, nephritis, severe skin reactions, solid organ transplant rejection, and complications of allogeneic HSCT. Based on the severity of the adverse reaction, KEYTRUDA should be withheld or discontinued and corticosteroids administered if appropriate. For more information regarding immune-mediated adverse reactions, please read the additional Selected Safety Information on pages 1–11.

**Before prescribing KEYTRUDA, please read the accompanying Prescribing Information.**

**The Medication Guide also is available.** For additional copies of the Prescribing Information, please call 800-672-6372, visit [keytrudahcp.com](http://keytrudahcp.com), or contact your Merck representative.

**References:** **1.** Rini BI, Plimack ER, Stus V, et al; for the KEYNOTE-426 investigators. Pembrolizumab plus axitinib versus sunitinib for advanced renal-cell carcinoma. *N Engl J Med*. 2019;380(12):1116–1127. **2.** *Opdivo* [package insert]. Princeton, NJ: Bristol-Myers Squibb Company; 2020. **3.** Data available on request from Merck, Professional Services-DAP, WP1-27, PO Box 4, West Point, PA 19486-0004. Please specify information package US-RCC-00474. **4.** *Inlyta* [package insert]. New York, NY: Pfizer Inc; 2020. **5.** Referenced with permission from the NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines<sup>®</sup>) for Kidney Cancer V.1.2021. © National Comprehensive Cancer Network, Inc. 2020. All rights reserved. Accessed July 16, 2020. To view the most recent and complete version of the guidelines, go online to [NCCN.org](http://NCCN.org).



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(pembrolizumab) Injection 100 mg