# Potential patients for FRUZAQLA® (fruquintinib)

Example patient type: Presenting with myelosuppression

NCCN CATEGORY 2A\* National Comprehensive Cancer Network® (NCCN®) recommends fruquintinib (FRUZAQLA®) as a potential treatment option for patients with previously treated mCRC, regardless of mutation status<sup>11,2</sup>

\*Category 2A is based upon lower-level evidence; there is uniform NCCN consensus that the intervention is appropriate.

'For disease that has progressed through all available regimens.

#### **INDICATION**

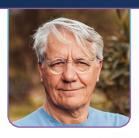
FRUZAQLA is indicated for the treatment of adult patients with metastatic colorectal cancer (mCRC) who have been previously treated with fluoropyrimidine-, oxaliplatin-, and irinotecan-based chemotherapy, an anti-VEGF therapy, and, if RAS wild-type and medically appropriate, an anti-EGFR therapy.

#### **IMPORTANT SAFETY INFORMATION**

#### **WARNINGS AND PRECAUTIONS**

• **Hypertension** occurred in 49% of 911 patients with mCRC treated with FRUZAQLA, including Grade 3-4 events in 19%, and hypertensive crisis in three patients (0.3%). Do not initiate FRUZAQLA unless blood pressure is adequately controlled. Monitor blood pressure weekly for the first month and at least monthly thereafter as clinically indicated. Initiate or adjust anti-hypertensive therapy as appropriate. Withhold, reduce dose, or permanently discontinue FRUZAQLA based on severity of hypertension.

Fruzaqla®
(fruquintinib) capsules
5 mg•1 mg



# Mark\* 64-year-old patient with mCRC presenting with myelosuppression

#### Diagnosis

- Diagnosed with high-risk Stage III adenocarcinoma of the colon
- Molecular profiling of primary tumor:
  - Microsatellite stable; MMR-proficient with no actionable mutation

#### ▶ Treatment history

- Surgery with 12 cycles of subsequent FOLFOX adjuvant therapy
- CT scan 7 months after completion of adjuvant therapy revealed recurrence in the liver and progressive disease in lymph nodes
- Initiated treatment with FOLFIRI + bevacizumab with progression after 4 months
- Blood test results demonstrated:
  - Neutropenia (ANC 1200/mm³) that persisted for >30 days, eventually resolved with G-CSF
  - Thrombocytopenia (platelet count 110,000/mm³) that persisted for >30 days

ANC=absolute neutrophil count; CT=computed tomography; FOLFIRI=leucovorin calcium (folinic acid), fluorouracil, and irinotecan; FOLFOX=leucovorin calcium (folinic acid), fluorouracil, and oxaliplatin; G-CSF=granulocyte-colony stimulating factor; MMR=mismatch repair.

\*Hypothetical patient. Individual patient results may vary.

#### **IMPORTANT SAFETY INFORMATION (continued)**

#### **WARNINGS AND PRECAUTIONS (continued)**

• **Hemorrhagic Events** including serious, fatal events can occur with FRUZAQLA. In 911 patients with mCRC treated with FRUZAQLA, 6% of patients experienced gastrointestinal hemorrhage, including 1% with a Grade ≥3 event and 2 patients with fatal hemorrhages. Permanently discontinue FRUZAQLA in patients with severe or life-threatening hemorrhage. Monitor the International Normalized Ratio (INR) levels in patients receiving anticoagulants.

#### Next steps

#### Considerations

- ECOG PS 0
- Need for disease control given the extent of distant metastasis
- Would prefer minimal interference with current lifestyle

#### Mark needs a treatment that

- Extends survival while delaying or maintaining time to deterioration of symptoms
- Has demonstrated tolerability, particularly with a low risk of inducing myelosuppression
- Offers convenient dosing that doesn't require infusion center visits for treatment
- Minimizes the impact of his treatment on his activities of daily life

Treatment decision:
Begin therapy with FRUZAOLA

ECOG PS=Eastern Cooperative Oncology Group performance status.



#### **IMPORTANT SAFETY INFORMATION (continued)**

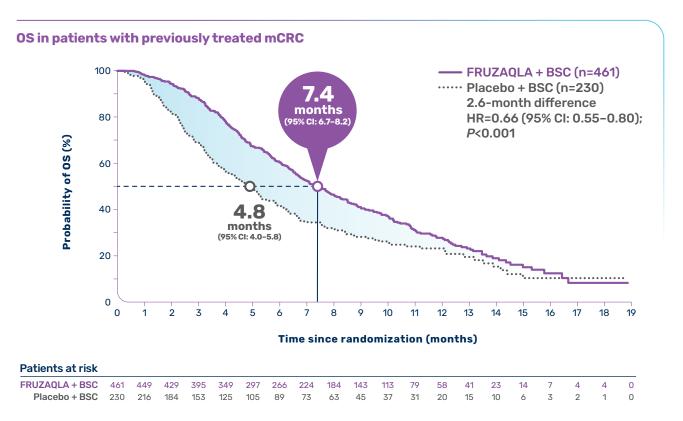
#### **WARNINGS AND PRECAUTIONS (continued)**

• Infections. FRUZAQLA can increase the risk of infections, including fatal infections. In 911 patients with mCRC treated with FRUZAQLA, the most common infections were urinary tract infections (6.8%), upper respiratory tract infections (3.2%) and pneumonia (2.5%); fatal infections included pneumonia (0.4%), sepsis (0.2%), bacterial infection (0.1%), lower respiratory tract infection (0.1%), and septic shock (0.1%). Withhold FRUZAQLA for Grade 3 or 4 infections, or worsening infection of any grade. Resume FRUZAQLA at the same dose when the infection has resolved.



# FRUZAQLA demonstrated significant overall survival benefit<sup>3</sup>

Nearly 3-month improvement in median OS



Early and rapid separation of OS curve evident at Month 1

**Study design:** FRESCO-2 was a global, multicenter, randomized, double-blind, placebo-controlled study that enrolled 691 patients with mCRC who had disease progression during or after prior treatment with fluoropyrimidine-, oxaliplatin-, or irinotecan-based chemotherapy, an anti-VEGF biological therapy, if *RAS* wild type, an anti-EGFR biological therapy, and trifluridine-tipiracil, regorafenib, or both.\* Patients were randomized 2:1 to receive either FRUZAQLA 5 mg orally once daily + BSC† (3 weeks on, 1 week off) (n=461) or placebo + BSC (3 weeks on, 1 week off) (n=230). Treatment continued until progression, death, or unacceptable toxicity. Primary efficacy outcome measure was overall survival. Secondary efficacy outcome measures were progression-free survival, objective response rate, disease control rate,† duration of response, safety, and quality of life.<sup>3,4</sup>

BSC=best supportive care; CI=confidence interval; EGFR=epidermal growth factor receptor; HR=hazard ratio; OS=overall survival; VEGF=vascular endothelial growth factor.

#### **IMPORTANT SAFETY INFORMATION (continued)**

#### **WARNINGS AND PRECAUTIONS (continued)**

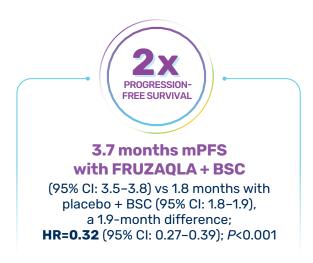
• **Gastrointestinal Perforation** occurred in patients treated with FRUZAQLA. In 911 patients with mCRC treated with FRUZAQLA, 1.3% experienced a Grade ≥3 gastrointestinal perforation, including one fatal event. Permanently discontinue FRUZAQLA in patients who develop gastrointestinal perforation or fistula.

<sup>\*</sup>To prevent unintentional enrichment, the number of patients treated with previous regorafenib was limited to 50% of the total randomly assigned patients.4

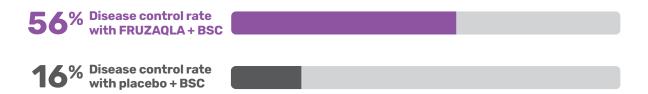
'Best supportive care was determined by local clinical practice.4

In a study of FRUZAQLA + BSC vs placebo + BSC in patients with previously treated mCRC

# FRUZAQLA more than doubled median progression-free survival and maintained stable disease<sup>3,4</sup>



## Disease control rate was stable for more than half of patients treated with FRUZAQLA + BSC<sup>‡</sup>



This study was not powered to show significance in disease control rate.

mPFS=median progression-free survival.

†Disease control was defined as the proportion of patients with a best overall response of confirmed complete response, partial response, or stable disease for ≥7 weeks.⁴

#### **IMPORTANT SAFETY INFORMATION (continued)**

#### **WARNINGS AND PRECAUTIONS (continued)**

• **Hepatotoxicity.** FRUZAQLA can cause liver injury. In 911 patients with mCRC treated with FRUZAQLA, 48% experienced increased ALT or AST, including Grade ≥3 events in 5%, and fatal events in 0.2% of patients. Monitor liver function tests (ALT, AST, and bilirubin) before initiation and periodically throughout treatment with FRUZAQLA. Temporarily hold and then reduce or permanently discontinue FRUZAQLA depending on the severity and persistence of hepatotoxicity as manifested by elevated liver function tests.



# In FRESCO-2, the majority of ARs were predictable and manageable<sup>3-5</sup>

ARs occurring in ≥10% of patients<sup>3</sup>

AR	FRUZAQLA + BSC (n=456)		Placebo + BSC (n=230)	
	All grades (%)	Grades 3/4 (%)	All grades (%)	Grades 3/4 (%)
Fatigue <sup>a</sup>	53	12	39	4.8
Hypertension <sup>a</sup>	38	14	9	0.9
Stomatitis <sup>a</sup>	31	2.2	7.8	0.4
Abdominal pain <sup>a</sup>	25	3.5	20	3
Diarrheaª	24	3.7	11	0
Hypothyroidism	21	0.4	0.4	0
Palmar-plantar erythrodysesthesia	19	6	2.6	0
Proteinuria <sup>a</sup>	18	1.8	5	0.9
Dysphonia	18	0	5	0
Musculoskeletal pain <sup>a</sup>	16	1.1	7	0
Arthralgia	11	0.9	4.3	0

<sup>&</sup>lt;sup>a</sup>Represents a composite of multiple related terms.

- Predictable refers to ARs consistent with inhibition of VEGF and VEGFR<sup>5\*</sup>
- Serious ARs occurred in 38% of patients treated with FRUZAQLA + BSC. Serious ARs in ≥2% of patients treated with FRUZAQLA + BSC included hemorrhage (2.2%) and gastrointestinal perforation (2.0%)<sup>3</sup>
- Fatal ARs occurred in 14 (3.1%) patients treated with FRUZAQLA + BSC. Fatal ARs occurring in ≥2% of patients treated with FRUZAQLA + BSC include pneumonia (n=3), sepsis/septic shock (n=2), and hepatic failure/encephalopathy (n=2)<sup>3</sup>

AR=adverse reaction; NCI CTCAE=National Cancer Institute Common Terminology Criteria for Adverse Events; VEGFR=vascular endothelial growth factor receptor.
\*Despite predictability, individual patient experiences may vary.

# FRUZAQLA had low Grade 3/4 laboratory abnormalities<sup>3</sup>

Select laboratory abnormalities worsening from baseline and occurring in ≥20% of patients<sup>a,b</sup>

	FRUZAQLA + BSC (n=456)		Placebo + BSC (n=230)	
Laboratory abnormality	All grades (%)	Grades 3/4 (%)	All grades (%)	Grades 3/4 (%)
Triglycerides increased	53	2.8	22	1.0
Cholesterol increased	37	1.9	22	1.9
Aspartate aminotransferase increased	36	4.3	24	1.9
Albumin decreased	35	1.6	32	1.4
Sodium decreased	35	1.1	27	0.9
Alanine aminotransferase increased	34	5	22	1.4
Bilirubin increased	30	7	21	8
Lymphocytes decreased	30	6	32	4.7
Platelets decreased	30	0.2	4.7	0
Activated partial thromboplastin time increased	21	2.7	18	1.5
Alkaline phosphatase increased	20	1.6	27	0.5
Magnesium decreased	20	0.5	10	0.5

<sup>&</sup>lt;sup>a</sup>Graded according to NCI CTCAE version 5.0.

#### Manageable safety profile with FRUZAQLA<sup>3,4</sup>



## Low rate of myelosuppression<sup>3</sup>

 Hematological abnormalities of any grade occurring in ≥20% of patients with either FRUZAQLA + BSC or placebo + BSC were decreased lymphocyte count (30% vs 32%), decreased platelet count (30% vs 4.7%), and increased activated partial thromboplastin time (21% vs 18%)



## Dose interruptions or reductions due to ARs<sup>3,4</sup>

- Dose interruptions:
   47% with FRUZAQLA + BSC
   vs 27% with placebo + BSC
- Dose reductions:
   24% with FRUZAQLA + BSC
   vs 4% with placebo + BSC



## Low rate of discontinuations due to ARs<sup>3,4</sup>

 20% with FRUZAQLA + BSC vs 21% for placebo + BSC



Each test incidence is based on the number of patients who had both baseline and at least one on-study laboratory measurement available: FRUZAQLA (range: 409–444) and placebo (range: 195–216).

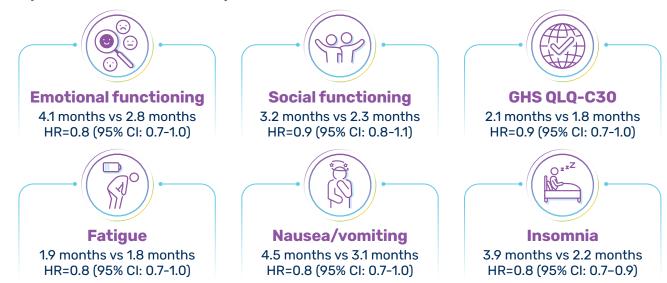
# Patients reported preserved QoL\* across certain measures vs placebo<sup>6†</sup>

Patients treated with FRUZAQLA experienced delayed or maintained time to deterioration vs placebo in FRESCO-2

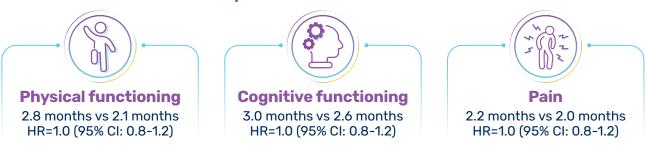
\*Quality of life (QoL) refers to TTD.

Based on predefined MIDs for QLQ-C30 global health status, QLQ-C30 subscales, and EQ-5D-5L, the median TTD and the corresponding HR for all scales and subscales showed a trend favoring FRUZAQLA. Select QoL outcomes shown below measured TTD and were analyzed using Kaplan-Meier method, stratified log-rank test, and stratified Cox PH model

#### Delayed TTD subscales vs placebo



#### Maintained TTD subscales vs placebo



#### This study was not powered to show significance in QoL.

GHS-global health status; MID-minimally important difference; PH-proportional hazard; QLQ-quality of life questionnaire; TTD-time to deterioration.

<sup>1</sup>The data above show certain TTD subscales that were delayed or maintained. Other TTD subscales that were evaluated were EQ-5D-5L VAS, EQ-5D-5L index scores, role functioning, dyspnea, appetite loss, constipation, diarrhea, and financial difficulty.

#### **IMPORTANT SAFETY INFORMATION (continued)**

#### **WARNINGS AND PRECAUTIONS (continued)**

• **Proteinuria.** FRUZAQLA can cause proteinuria. In 911 patients with mCRC treated with FRUZAQLA, 36% experienced proteinuria and 2.5% of patients experienced Grade ≥3 events. Monitor for proteinuria before initiation and periodically throughout treatment with FRUZAQLA. For proteinuria ≥2g/24 hours, withhold FRUZAQLA until improvement to ≤Grade 1 proteinuria and resume FRUZAQLA at a reduced dose. Discontinue FRUZAQLA in patients who develop nephrotic syndrome.

# Convenient, once-daily oral dosing with FRUZAQLA<sup>3</sup>



## Simple once-daily treatment

The recommended dose of FRUZAQLA is 5 mg taken orally once daily for the first 21 days followed by 7 days off treatment for each 28-day cycle.



## With or without food

Capsules (5 mg and 1 mg) should be swallowed whole.



## About the same time each day

Patients should take a missed dose if <12 hours have passed since the missed scheduled dose. Patients should not take 2 doses on the same day to make up for a missed dose.

#### Clear dose reductions can help manage ARs

Dose level	FRUZAQLA dose	
Recommended dose	5 mg orally once daily	
First dose reduction	4 mg orally once daily	
Second dose reduction	3 mg orally once daily	

Permanently discontinue FRUZAQLA in patients unable to tolerate 3 mg orally daily

#### **IMPORTANT SAFETY INFORMATION (continued)**

#### **WARNINGS AND PRECAUTIONS (continued)**

Palmar-Plantar Erythrodysesthesia (PPE) occurred in 35% of 911
patients treated with FRUZAQLA, including 8% with Grade 3 events.
Based on severity of PPE, withhold FRUZAQLA and then resume at the same or reduced dose.



### **Important Safety Information**

#### IMPORTANT SAFETY INFORMATION

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- **Posterior Reversible Encephalopathy Syndrome (PRES),** a syndrome of subcortical vasogenic edema diagnosed by characteristic finding on MRI, occurred in one of 911 patients treated with FRUZAQLA. Perform an evaluation for PRES in any patient presenting with seizures, headache, visual disturbances, confusion, or altered mental function. Discontinue FRUZAQLA in patients who develop PRES.

#### **IMPORTANT SAFETY INFORMATION (continued)**

#### **WARNINGS AND PRECAUTIONS (continued)**

- Impaired Wound Healing. In 911 patients with mCRC treated with FRUZAQLA, 1 patient experienced a Grade 2 event of wound dehiscence. Do not administer FRUZAQLA for at least 2 weeks prior to major surgery. Do not administer FRUZAQLA for at least 2 weeks after major surgery and until adequate wound healing. The safety of resumption of FRUZAQLA after resolution of wound healing complications has not been established.
- **Arterial Thromboembolic Events.** In 911 patients with mCRC treated with FRUZAQLA, 0.8% of patients experienced an arterial thromboembolic event. Initiation of FRUZAQLA in patients with a recent history of thromboembolic events should be carefully considered. In patients who develop arterial thromboembolism, discontinue FRUZAQLA.
- Allergic Reactions to FD&C Yellow No. 5 (Tartrazine) and No. 6 (Sunset Yellow FCF). FRUZAQLA 1 mg capsules contain FD&C Yellow No. 5 (tartrazine), which may cause allergic-type reactions (including bronchial asthma) in certain susceptible persons. FRUZAQLA 1 mg contains FD&C Yellow No. 6 (sunset yellow FCF), which may cause allergic reactions.
- **Embryo-Fetal Toxicity.** Based on findings in animal studies and its mechanism of action, FRUZAQLA can cause fetal harm when administered to pregnant women. Advise pregnant women of the potential risk to a fetus. Advise females of childbearing potential and males with female partners of childbearing potential to use effective contraception during treatment with FRUZAQLA and for 2 weeks after the last dose.

#### **ADVERSE REACTIONS**

The most common adverse reactions (incidence ≥20%) following treatment with FRUZAQLA included hypertension, palmar-plantar erythrodysesthesia (hand-foot skin reactions), proteinuria, dysphonia, abdominal pain, diarrhea, and asthenia.

**DRUG INTERACTIONS:** Avoid concomitant administration of FRUZAQLA with strong or moderate CYP3A inducers.

#### **USE IN SPECIFIC POPULATIONS**

• Lactation: Advise women not to breastfeed during treatment with FRUZAQLA and for 2 weeks after the last dose.

To report SUSPECTED ADVERSE REACTIONS, contact Takeda Pharmaceuticals at 1-844-662-8532 or the FDA at 1-800-FDA-1088 or **www.fda.gov/medwatch**.



# Consider FRUZAQLA the next time you see a patient with previously treated mCRC...

Presenting with myelosuppression

With ECOG PS 0-1

Who prefers the convenience of an oral treatment that has the potential to delay or maintain time to deterioration of symptoms

## Visit FRUZAQLAhcp.com to explore more efficacy and safety data

References: 1. Referenced with permission from the NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines®) for Colon Cancer V.5.2024. © National Comprehensive Cancer Network, Inc. 2024. All rights reserved. Accessed August 2024. To view the most recent and complete version of the guideline, go online to NCCN.org. 2. Referenced with permission from the NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines®) for Rectal Cancer V.4.2024. © National Comprehensive Cancer Network, Inc. 2024. All rights reserved. Accessed August 2024. To view the most recent and complete version of the guideline, go online to NCCN.org. 3. FRUZAQLA. Prescribing Information. Takeda Pharmaceuticals America, Inc; 2023. 4. Dasari A, Lonardi S, Garcia-Carbonero R, et al; FRESCO-2 Study Investigators. Fruquintinib versus placebo in patients with refractory metastatic colorectal cancer (FRESCO-2): an international, multicentre, randomised, doubleblind, phase 3 study. Lancet. 2023;402(10395):41-53. 5. National Cancer Institute, National Institutes of Health. Angiogenesis inhibitors. Updated April 2, 2018. Accessed March 26, 2024. https://www.cancer.gov/about-cancer/treatment/types/immunotherapy/angiogenesis-inhibitors-fact-sheet#why-is-angiogenesis-important-in-cancer 6. Data on file. Takeda Pharmaceuticals U.S.A., Inc.

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