

HIGHLIGHTS OF PRESCRIBING INFORMATION

The highlights do not include all the information needed to use CAPECITABINE TABLETS safely and effectively. See full prescribing information for CAPECITABINE TABLETS.

CAPECITABINE tablets, for oral use

Initial U.S. Approval: 1998

WARNING: CAPECITABINE-WARFARIN INTERACTION

See full prescribing information for complete boxed warning.

Patients receiving concomitant capecitabine and oral coumatin-derivative anticoagulants such as warfarin and phenprocoumon should have their anticoagulant response (INR or prothrombin time) monitored frequently in order to adjust the anticoagulant dose accordingly. Altered coagulation parameters and/or bleeding, including death, have been reported during concomitant use.

- Occurrence: Within several days and up to several months after initiating capecitabine therapy, may also be seen within 1 month after stopping capecitabine
- Predisposing factors: age >60 and diagnosis of cancer

INDICATIONS AND USAGE

Capecitabine tablet is a nucleoside metabolic inhibitor with antineoplastic activity indicated for:

- Adjuvant Colon Cancer (1.1)
- Patients with Dukes' C colon cancer
- Metastatic Colorectal Cancer (1.1)

First-line as monotherapy when treatment with fluoropyrimidine therapy alone is preferred.

- Metastatic Breast Cancer (1.2)
- In combination with docetaxel after failure of prior anthracycline-containing therapy

As monotherapy in patients resistant to both paclitaxel and an anthracycline-containing regimen

DOSE AND ADMINISTRATION

- Take capecitabine tablets with water within 30 min after a meal (2.1)
- Monotherapy: 1,250 mg/m² twice daily orally for 2 weeks followed by a one week rest period in 3-week cycles (2.2)
- Adjuvant treatment is recommended for a total of 6 months (8 cycles) (2.2)
- In combination with docetaxel, the recommended dose of capecitabine tablets is 1,250 mg/m² twice daily for 2 weeks followed by a 7-day rest period, combined with docetaxel at 75 mg/m² as a 1-hour IV infusion every 3 weeks (2.2)

Capecitabine dosage may need to be individualized to optimize patient management (2.3)

Reduce the dose of capecitabine by 25% in patients with moderate renal impairment (2.4)

DOSE FORMS AND STRENGTHS

- Tablets: 150 mg and 500 mg (3)

CONTRAINDICATIONS

- Severe Renal Impairment (4.1)
- Hypersensitivity (4.2)

WARNINGS AND PRECAUTIONS

• **Coagulopathy:** May result in bleeding, death, monitor anticoagulant response (eg, INR) and adjust anticoagulant dose accordingly. (5.1)

• **Diarrhea:** May be severe. Interrupt capecitabine treatment immediately until diarrhea resolves or decreases to grade 1. Recommend standard anti-diarrheal treatments. (5.2)

• **Cardiotoxicity:** Common in patients with a prior history of coronary artery disease. (5.3)

• **Increased Risk of Severe or Fatal Adverse Reactions in Patients with Low or Absent Dihydropyrimidine Dehydrogenase (DPD) Activity:** Withhold or permanently discontinue capecitabine in patients with evidence of acute early-onset or unusually

severe toxicity, which may indicate near complete total absence of DPD activity. No capecitabine dose has been proven safe in patients with absent DPD activity. (5.4)

• **Dehydration and Renal Failure:** Interrupt capecitabine treatment until dehydration is corrected. Potential risk of acute renal failure secondary to dehydration. Monitor and correct dehydration. (5.5)

• **Embryo-Fetal Toxicity:** Can cause fetal harm. Advise females of reproductive potential of the potential risk to a fetus and to use effective contraception. (5.6, 5.1, 5.3)

• **Mucocutaneous and Dermatologic Toxicity:** Severe mucocutaneous reactions, Steven-Johnson syndrome (SJS) and Toxic Epidermal Necrolysis (TEN), have been reported. Capecitabine should be permanently discontinued in patients who experience a severe mucocutaneous reaction during treatment. Capecitabine may induce hand-and-foot syndrome. Persistent or severe hand-and-foot syndrome can lead to loss of fingerprints which could impact patient identification. Interrupt capecitabine treatment until the hand-and-foot syndrome event resolves or decreases in intensity. (5.7)

• **Hyperbilirubinemia:** Interrupt capecitabine treatment immediately until the hyperbilirubinemia resolves or decreases in intensity. (5.8)

• **Hematologic:** Do not treat patients with neutrophil counts <1.5 x 10⁹/L or thrombocyte counts <100 x 10⁹/L. If grade 3 to 4 neutropenia or thrombocytopenia is observed, stop therapy until condition resolves. (5.9)

ADVERSE REACTIONS

Most common adverse reactions (≥20%) were diarrhea, hand-and-foot syndrome, nausea, vomiting, abdominal pain, fatigue/weakness, and hyperbilirubinemia. Other adverse reactions, including serious adverse reactions, have been reported. (6)

To report SUSPECTED ADVERSE REACTIONS, contact Dr. Reddy's Laboratories Inc., at 1-888-375-3784 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

DRUG INTERACTIONS

• **Anticoagulants:** Monitor anticoagulant response (INR or prothrombin time) frequently in order to adjust the anticoagulant dose in the region. (5.1)

• **Phenyltin:** Monitor phenyltin levels in patients taking capecitabine concomitantly with phenyltin. The phenyltin dose may need to be reduced. (7.1)

• **Leucovorin:** The concentration of 5-FU in the plasma is increased and its toxicity may be enhanced by leucovorin. (7.1)

• **CYP2C9 substrates:** Care should be exercised when capecitabine is coadministered with CYP2C9 substrates. (7.1)

• **Allopurinol:** Avoid the use of allopurinol during treatment with capecitabine. (7.1)

• **Food:** reduced both the rate and extent of absorption of capecitabine. (2, 7.2, 12.3)

USE IN SPECIFIC POPULATIONS

• **Lactation:** Advise women not to breastfeed. (8.2)

• **Females and Males of Reproductive Potential:** Verify pregnancy status of females prior to initiation of capecitabine. Advise males with female partners of reproductive potential to use effective contraception. (8.3)

• **Geriatric:** Greater incidence of adverse reactions and hospitalizations required. (8.5)

• **Hepatic Impairment:** Monitoring is recommended in patients with mild to moderate hepatic impairment. (8.6)

• **Renal Impairment:** Reduce capecitabine starting dose in patients with moderate renal impairment. (2.4, 8.7, 12.3)

HOW SUPPLIED/STORAGE AND HANDLING

See 17 FOR PATIENT COUNSELING INFORMATION and FDA-approved patient labeling

Revised: 03/2019

1,250 mg/m² orally twice daily for 2 weeks followed by a 7-week rest period, given as 3-week cycles for a total of 8 cycles (2 weeks)

Table 1 Capecitabine Tablets Dose Calculation According to Body Surface Area

Surface Area (m ²)	Dose Level 1,250 mg/m ² Twice a Day		Number of Tablets to be Taken at Each Dose (Morning and Evening)	
	Total Daily Dose (mg)	500 mg	150 mg	500 mg
1.52 to 1.65	1,875	6	2	3
1.66 to 1.77	1,875	6	2	3
1.78 to 1.91	1,875	6	2	3
1.92 to 2.05	1,875	6	2	3
2.06 to 2.17	1,875	6	2	3
2.18	1,875	6	2	3

*Total Daily Dose divided by 2 to allow equal morning and evening doses

In Combination With Docetaxel (Metastatic Breast Cancer)

In combination with docetaxel, the recommended dose of capecitabine tablets is 1,250 mg/m² twice daily for 2 weeks followed by a 7-week rest period, combined with docetaxel at 75 mg/m² as a 1-hour intravenous infusion every 3 weeks. Pre-medication, according to the docetaxel labeling, should be started prior to docetaxel administration in patients receiving the capecitabine tablets plus docetaxel combination. Table 1 displays the total daily dose of capecitabine tablets by body surface area and the number of tablets to be taken at each dose.

2.3. Dose Management Guidelines

Capecitabine tablets dosage may need to be individualized to optimize patient management. Patients should be carefully monitored for toxicity and doses of capecitabine tablets should be modified as necessary to accommodate individual patient tolerance to therapy (see Clinical Studies [14]). Toxicity due to capecitabine tablets administration may be managed by the following strategies:

• **Diarrhea:** Interrupt capecitabine treatment until diarrhea resolves or decreases to grade 1. Following grade 3 hand-and-foot syndrome, administration of capecitabine tablets should be discontinued until the hand-and-foot syndrome event resolves or decreases in intensity. (5.7)

• **Hyperbilirubinemia:** Interrupt capecitabine treatment immediately until the hyperbilirubinemia resolves or decreases in intensity. (5.8)

• **Hematologic:** Do not treat patients with neutrophil counts <1.5 x 10⁹/L or thrombocyte counts <100 x 10⁹/L. If grade 3 to 4 neutropenia or thrombocytopenia is observed, stop therapy until condition resolves. (5.9)

ADVERSE REACTIONS

Most common adverse reactions (≥20%) were diarrhea, hand-and-foot syndrome, nausea, vomiting, abdominal pain, fatigue/weakness, and hyperbilirubinemia. Other adverse reactions, including serious adverse reactions, have been reported. (6)

To report SUSPECTED ADVERSE REACTIONS, contact Dr. Reddy's Laboratories Inc., at 1-888-375-3784 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

DRUG INTERACTIONS

• **Anticoagulants:** Monitor anticoagulant response (INR or prothrombin time) frequently in order to adjust the anticoagulant dose in the region. (5.1)

• **Phenyltin:** Monitor phenyltin levels in patients taking capecitabine concomitantly with phenyltin. The phenyltin dose may need to be reduced. (7.1)

• **Leucovorin:** The concentration of 5-FU in the plasma is increased and its toxicity may be enhanced by leucovorin. (7.1)

• **CYP2C9 substrates:** Care should be exercised when capecitabine is coadministered with CYP2C9 substrates. (7.1)

• **Allopurinol:** Avoid the use of allopurinol during treatment with capecitabine. (7.1)

• **Food:** reduced both the rate and extent of absorption of capecitabine. (2, 7.2, 12.3)

USE IN SPECIFIC POPULATIONS

• **Lactation:** Advise women not to breastfeed. (8.2)

• **Females and Males of Reproductive Potential:** Verify pregnancy status of females prior to initiation of capecitabine. Advise males with female partners of reproductive potential to use effective contraception. (8.3)

• **Geriatric:** Greater incidence of adverse reactions and hospitalizations required. (8.5)

• **Hepatic Impairment:** Monitoring is recommended in patients with mild to moderate hepatic impairment. (8.6)

• **Renal Impairment:** Reduce capecitabine starting dose in patients with moderate renal impairment. (2.4, 8.7, 12.3)

HOW SUPPLIED/STORAGE AND HANDLING

See 17 FOR PATIENT COUNSELING INFORMATION and FDA-approved patient labeling

Revised: 03/2019

FULL PRESCRIBING INFORMATION

CONTENTS*

WARNING: CAPECITABINE-WARFARIN INTERACTION

1. INDICATIONS AND USAGE

- 1.1 Colorectal Cancer
- 1.2 Breast Cancer

2. DOSAGE AND ADMINISTRATION

- 2.1 Important Administration Instructions
- 2.2 Standard Starting Dose
- 2.3 Dose Management Guidelines
- 2.4 Adjustment of Starting Dose in Special Populations

3. DOSAGE FORMS AND STRENGTHS

- 3.1 Severe Renal Impairment
- 3.2 Hypersensitivity

4. CONTRAINDICATIONS

- 4.1 Severe Renal Impairment
- 4.2 Hypersensitivity

5. WARNINGS AND PRECAUTIONS

- 5.1 Coagulopathy
- 5.2 Diarrhea
- 5.3 Cardiotoxicity
- 5.4 Dihydropyrimidine Dehydrogenase Deficiency
- 5.5 Dehydration and Renal Failure
- 5.6 Embryo-Fetal Toxicity
- 5.7 Mucocutaneous and Dermatologic Toxicity
- 5.8 Hyperbilirubinemia
- 5.9 Hematologic
- 5.10 Geriatric Patients
- 5.11 Hepatic Insufficiency
- 5.12 Combination With Other Drugs

6. ADVERSE REACTIONS

- 6.1 Adjuvant Colon Cancer
- 6.2 Metastatic Colorectal Cancer

6.3 Breast Cancer

Clinically Relevant Adverse Events in >5% of Patients

- 6.5 Postmarketing Experience

7. DRUG INTERACTIONS

- 7.1 Drug-Drug Interactions
- 7.2 Drug-Food Interaction

8. USE IN SPECIFIC POPULATIONS

- 8.1 Pregnancy
- 8.2 Lactation
- 8.3 Females and Males of Reproductive Potential
- 8.4 Pediatric Use
- 8.5 Geriatric Use
- 8.6 Hepatic Insufficiency
- 8.7 Renal Insufficiency

9. OVERDOSE

10. DESCRIPTION

11. CLINICAL PHARMACOLOGY

- 12.1 Mechanism of Action
- 12.3 Pharmacokinetics

13. NONCLINICAL TOXICOLOGY

- 13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

14. CLINICAL STUDIES

- 14.1 Adjuvant Colon Cancer
- 14.2 Metastatic Colorectal Cancer
- 14.3 Breast Cancer

15. REFERENCES

16. HOW SUPPLIED/STORAGE AND HANDLING

17. PATIENT COUNSELING INFORMATION

*Sections or subsections omitted from the full prescribing information are not listed.

FULL PRESCRIBING INFORMATION

WARNING: CAPECITABINE-WARFARIN INTERACTION

Capecitabine and oral coumatin-derivative anticoagulant therapy should have their anticoagulant response (INR or prothrombin time) monitored frequently in order to adjust the anticoagulant dose accordingly. A clinically important capecitabine-drug interaction was demonstrated in a clinical pharmacology trial (see Warnings and Precautions (5.2) and Drug Interactions (7.1)). Altered coagulation parameters and/or bleeding, including death, have been reported in patients receiving capecitabine concomitantly with coumatin-derivative anticoagulants such as warfarin and phenprocoumon. Postmarketing reports have shown clinically significant interactions with warfarin in patients who were stabilized on anticoagulation at the time capecitabine was introduced. These events occurred within several days and up to several months after initiating capecitabine therapy and, in a few cases, within 1 week after stopping capecitabine. These events occurred in patients with moderate to severe renal impairment. Age greater than 60 and a diagnosis of cancer independently predispose patients to an increased risk of coagulopathy.

INDICATIONS AND USAGE

1.1. Colorectal Cancer

Capecitabine tablets are indicated as a single agent for adjuvant treatment in patients with Dukes' C colon cancer who have undergone complete resection of the primary tumor when treatment with fluoropyrimidine therapy alone is preferred. Capecitabine is not inferior to 5-fluorouracil (5-FU) in disease-free survival (DFS). Physicians should consider results of combination chemotherapy trials, which have shown improvement in DFS and OS, when prescribing single-agent capecitabine in the adjuvant treatment of Dukes' C colon cancer.

Capecitabine tablets are indicated in combination with metastatic colorectal carcinoma when treatment with fluoropyrimidine therapy alone is preferred. Combination chemotherapy has shown a survival benefit compared to 5-FU/Leu. A survival benefit over 5-FU/Leu has not been demonstrated with capecitabine monotherapy. Use of capecitabine instead of 5-FU/Leu in combination has not been adequately studied to assure safety or preservation of the survival advantage.

1.2. Breast Cancer

Capecitabine tablets in combination with docetaxel is indicated for the treatment of patients with metastatic breast cancer following failure of prior anthracycline-containing chemotherapy.

Capecitabine tablets monotherapy is also indicated for the treatment of patients with metastatic breast cancer resistant to both paclitaxel and an anthracycline-containing chemotherapy regimen or resistant to paclitaxel and/or fluoranthracin therapy. It is not indicated (eg, patients who have received cumulative doses of 400 mg/m² of doxorubicin or doxorubicin equivalents). Resistance is defined as progressive disease while on treatment, with or without an initial response, or disease within 6 months of completing treatment with an anthracycline-containing adjuvant regimen.

2. DOSAGE AND ADMINISTRATION

2.1. Important Administration Instructions

Capecitabine tablets should be swallowed whole with water within 30 minutes after a meal. Capecitabine is a cytotoxic drug. Follow applicable safety handling and disposal procedures. If capecitabine tablets are cut or crushed, this should be done by a professional trained in safe handling of cytotoxic drugs using appropriate equipment and safety procedures. Capecitabine tablets are not to be used for intravenous injection.

2.2. Standard Starting Dose

Monotherapy (Metastatic Colorectal Cancer, Adjuvant Colorectal Cancer, Metastatic Breast Cancer)

The recommended dose of capecitabine tablets is 1,250 mg/m² administered orally twice daily (morning and evening), equivalent to 2,500 mg/m² total daily dose, for 2 weeks followed by a 1-week rest period given as 3-week cycles (see Table 1).

Adjuvant treatment in patients with Dukes' C colon cancer is recommended for a total of 6 months (ie, capecitabine tablets

1,250 mg/m² orally twice daily for 2 weeks followed by a 7-week rest period, given as 3-week cycles for a total of 8 cycles (2 weeks)

Table 1 Capecitabine Tablets Dose Calculation According to Body Surface Area

Surface Area (m ²)	Dose Level 1,250 mg/m ² Twice a Day		Number of Tablets to be Taken at Each Dose (Morning and Evening)	
	Total Daily Dose (mg)	500 mg	150 mg	500 mg
1.52 to 1.65	1,875	6	2	3
1.66 to 1.77	1,875	6	2	3
1.78 to 1.91	1,875	6	2	3
1.92 to 2.05	1,875	6	2	3
2.06 to 2.17	1,875	6	2	3
2.18	1,875	6	2	3

*Total Daily Dose divided by 2 to allow equal morning and evening doses

In Combination With Docetaxel (Metastatic Breast Cancer)

In combination with docetaxel, the recommended dose of capecitabine tablets is 1,250 mg/m² twice daily for 2 weeks followed by a 7-week rest period, combined with docetaxel at 75 mg/m² as a 1-hour intravenous infusion every 3 weeks. Pre-medication, according to the docetaxel labeling, should be started prior to docetaxel administration in patients receiving the capecitabine tablets plus docetaxel combination. Table 1 displays the total daily dose of capecitabine tablets by body surface area and the number of tablets to be taken at each dose.

2.3. Dose Management Guidelines

Capecitabine tablets dosage may need to be individualized to optimize patient management. Patients should be carefully monitored for toxicity and doses of capecitabine tablets should be modified as necessary to accommodate individual patient tolerance to therapy (see Clinical Studies [14]). Toxicity due to capecitabine tablets administration may be managed by the following strategies:

• **Diarrhea:** Interrupt capecitabine treatment until diarrhea resolves or decreases to grade 1. Following grade 3 hand-and-foot syndrome, administration of capecitabine tablets should be discontinued until the hand-and-foot syndrome event resolves or decreases in intensity. (5.7)

• **Hyperbilirubinemia:** Interrupt capecitabine treatment immediately until the hyperbilirubinemia resolves or decreases in intensity. (5.8)

• **Hematologic:** Do not treat patients with neutrophil counts <1.5 x 10⁹/L or thrombocyte counts <100 x 10⁹/L. If grade 3 to 4 neutropenia or thrombocytopenia is observed, stop therapy until condition resolves. (5.9)

ADVERSE REACTIONS

Most common adverse reactions (≥20%) were diarrhea, hand-and-foot syndrome, nausea, vomiting, abdominal pain, fatigue/weakness, and hyperbilirubinemia. Other adverse reactions, including serious adverse reactions, have been reported. (6)

To report SUSPECTED ADVERSE REACTIONS, contact Dr. Reddy's Laboratories Inc., at 1-888-375-3784 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

DRUG INTERACTIONS

• **Anticoagulants:** Monitor anticoagulant response (INR or prothrombin time) frequently in order to adjust the anticoagulant dose in the region. (5.1)

• **Phenyltin:** Monitor phenyltin levels in patients taking capecitabine concomitantly with phenyltin. The phenyltin dose may need to be reduced. (7.1)

• **Leucovorin:** The concentration of 5-FU in the plasma is increased and its toxicity may be enhanced by leucovorin. (7.1)

• **CYP2C9 substrates:** Care should be exercised when capecitabine is coadministered with CYP2C9 substrates. (7.1)

• **Allopurinol:** Avoid the use of allopurinol during treatment with capecitabine. (7.1)

• **Food:** reduced both the rate and extent of absorption of capecitabine. (2, 7.2, 12.3)

USE IN SPECIFIC POPULATIONS

• **Lactation:** Advise women not to breastfeed. (8.2)

• **Females and Males of Reproductive Potential:** Verify pregnancy status of females prior to initiation of capecitabine. Advise males with female partners of reproductive potential to use effective contraception. (8.3)

• **Geriatric:** Greater incidence of adverse reactions and hospitalizations required. (8.5)

• **Hepatic Impairment:** Monitoring is recommended in patients with mild to moderate hepatic impairment. (8.6)

• **Renal Impairment:** Reduce capecitabine starting dose in patients with moderate renal impairment. (2.4, 8.7, 12.3)

HOW SUPPLIED/STORAGE AND HANDLING

See 17 FOR PATIENT COUNSELING INFORMATION and FDA-approved patient labeling

FULL PRESCRIBING INFORMATION

CONTENTS*

WARNING: CAPECITABINE-WARFARIN INTERACTION

1. INDICATIONS AND USAGE

- 1.1 Colorectal Cancer
- 1.2 Breast Cancer

2. DOSAGE AND ADMINISTRATION

- 2.1 Important Administration Instructions
- 2.2 Standard Starting Dose
- 2.3 Dose Management Guidelines
- 2.4 Adjustment of Starting Dose in Special Populations

3. DOSAGE FORMS AND STRENGTHS

- 3.1 Severe Renal Impairment
- 3.2 Hypersensitivity

4. CONTRAINDICATIONS

