



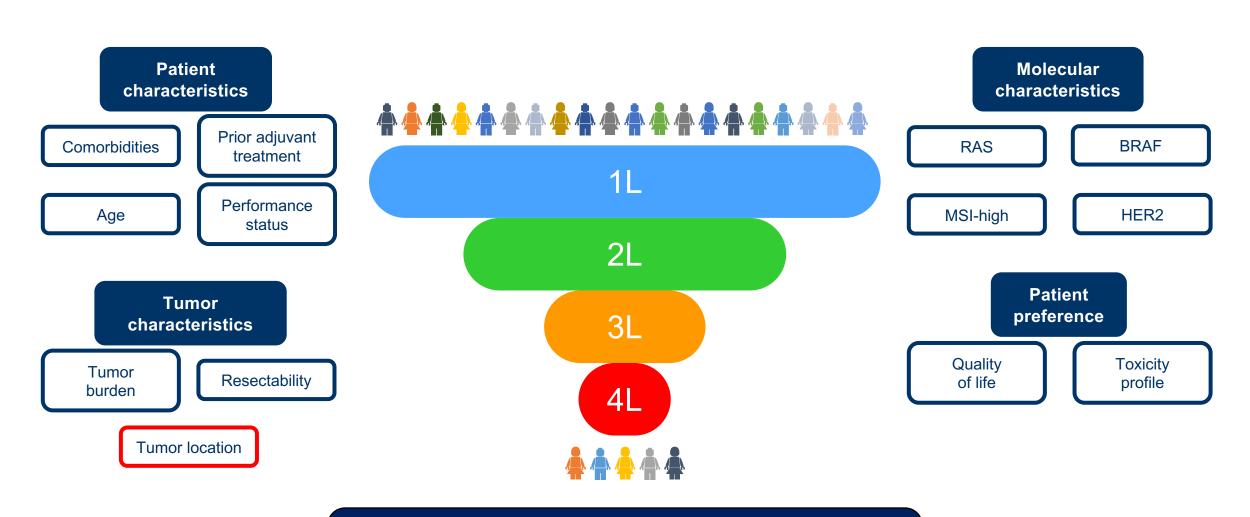
Advances and Updates in the Management of Metastatic Colorectal Cancer

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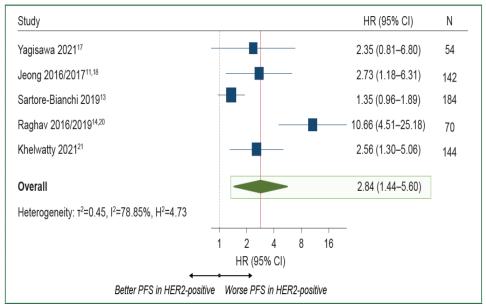
What Influences Treatment Choices in mCRC?



Therapy tailored according to individual patient needs

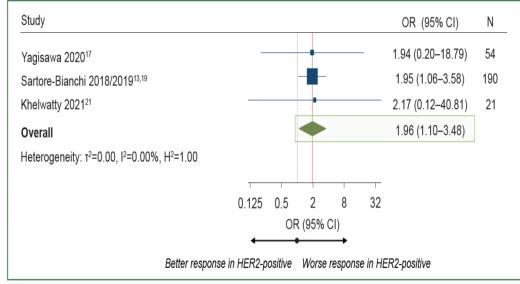
Impact of Anti-EGFR Therapies on HER2-Positive Metastatic Colorectal Cancer: A Systematic Literature Review and Meta-Analysis of Clinical Outcomes

Figure 1. Meta-analysis of PFS with anti-EGFR treatment in patients with RAS WT mCRC who were HER2-positive compared with patients with mCRC who were HER2-negative



Notes: HR=1 signifies no statistically significant differences between the HER2-positive and HER2-negative groups in the risk of death or progression on anti-EGFR treatment (represented by the gray vertical dashed line); HR >1 signifies higher risk of death or progression on anti-EGFR treatment in the HER2-positive group compared with the HER2-negative group; HR <1 signifies higher risk of death or progression on anti-EGFR treatment in the HER2-negative group compared with the HER2-positive group. The exact effect size of the ORR for the meta-analysis is represented by the vertical red line. CI, confidence interval; HR, hazard ratio, EGFR, epidermal growth factor receptor; HER2, human epidermal growth factor receptor; 2 mCRC, metastatic colorectal cancer, PFS, progression-free survival; WT, wild-type.

Figure 3. Meta-analysis of ORR to anti-EGFR treatment in patients with RAS WT mCRC who were HER2-positive compared with patients with mCRC who were HER2-negative



Notes: OR=1 signifies no statistically significant differences between the HER2-positive and the HER2-negative groups in response to anti-EGFR treatment (represented by the gray vertical dash line); OR <1 signifies higher odds of response to anti-EGFR treatment in the HER2-positive group compared with the HER2-negative group; OR >1 signifies higher odds of response to anti-EGFR treatment in the HER2-negative group compared with the HER2-positive group. The exact effect size of ORR for the meta-analysis is represented by the vertical red line. CI, confidence interval; HR, hazard ratio; EGFR, epidermal growth factor receptor; HER2, human epidermal growth factor receptor 2; mCRC, metastatic colorectal cancer; OR, odds ratio; ORR, overall response rate; WT, wild-type.

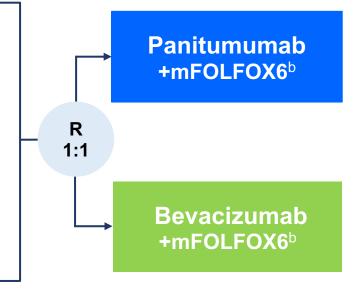
PARADIGM Trial Design

Phase 3, randomized, open-label, multicenter study (NCT02394795)

Patients with RAS WT mCRC

- Unresectable disease
- No previous chemotherapy^a
- Age: 20–79 years
- ECOG performance status 0–1
- At least 1 evaluable lesion
- Adequate organ function
- Life expectancy ≥ 3 months

N=823



Primary endpoint

 OS: left-sided^c population; if significant, analyzed in overall population

Secondary endpoints

- PFS, RR, DOR, R0 resection: left-sided^c and overall populations
- Safety: all treated patients

Exploratory endpoints

 ETS, depth of response, DCR: left-sided^c and overall populations

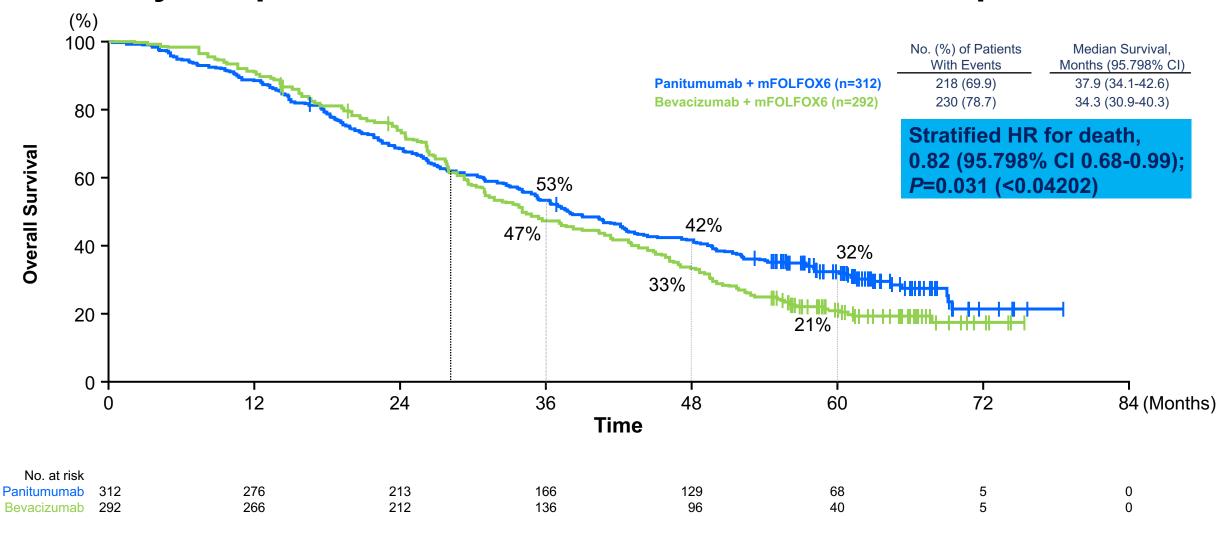
Stratification factors

- Institution
- Age: 20–64 vs 65–79 years
- Liver metastases: present vs absent

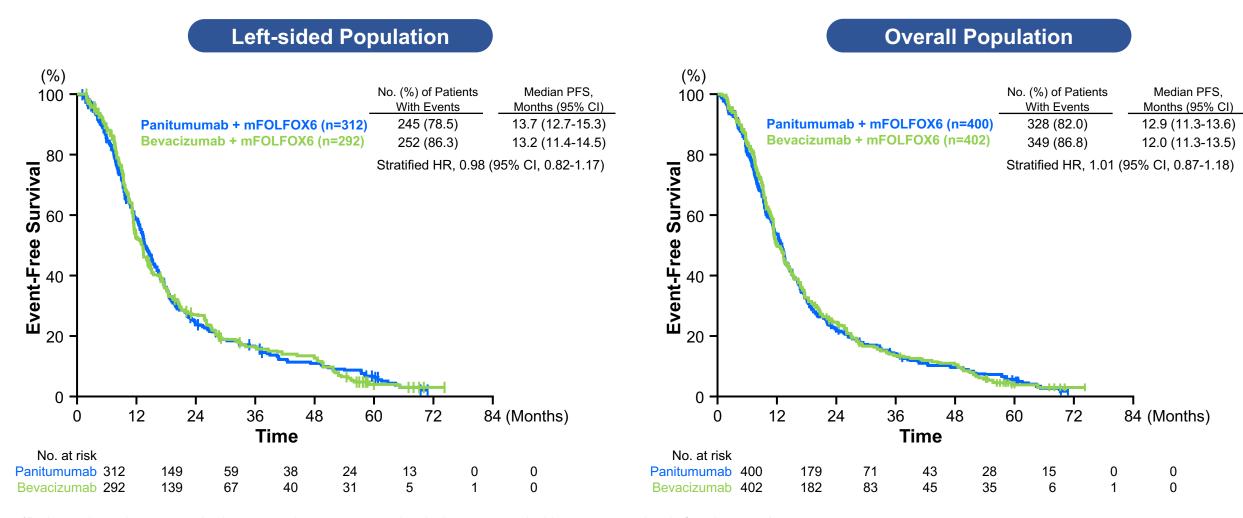
mCRC, metastatic colorectal cancer; WT, wild type; Mono, monotherapy; ECOG, Eastern Cooperative Oncology Group; OS, overall survival; PFS, progression free survival; RR, response rate; DOR; duration of response; R0, curative resection; ETS, early tumor shrinkage; DCR, disease control rate.

^aAdjuvant fluoropyrimidine monotherapy allowed if completed > 6 months before enrollment. ^bUntil disease progression, unacceptable toxicity, withdrawal of consent or investigator's judgement or curative intent resection. ^cPrimary tumor in descending colon, sigmoid colon, rectosigmoid, and rectum.

Primary Endpoint-1; Overall Survival in Left-sided Population

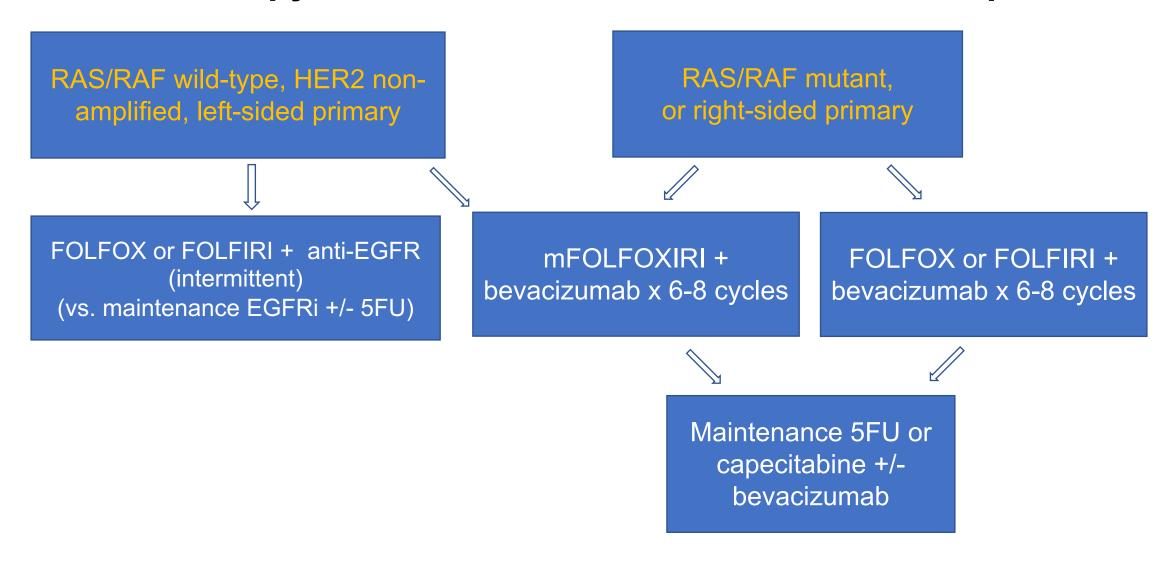


Progression-free Survival*



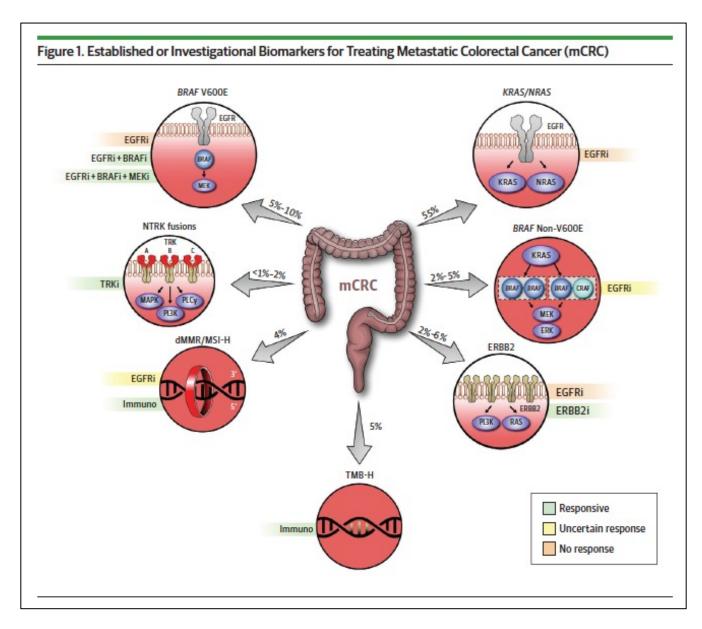
^{*}Patients who underwent curative intent resection were censored at the last tumor evaluable assessment date before the resection.

1st line therapy for MSS metastatic colorectal cancer patients



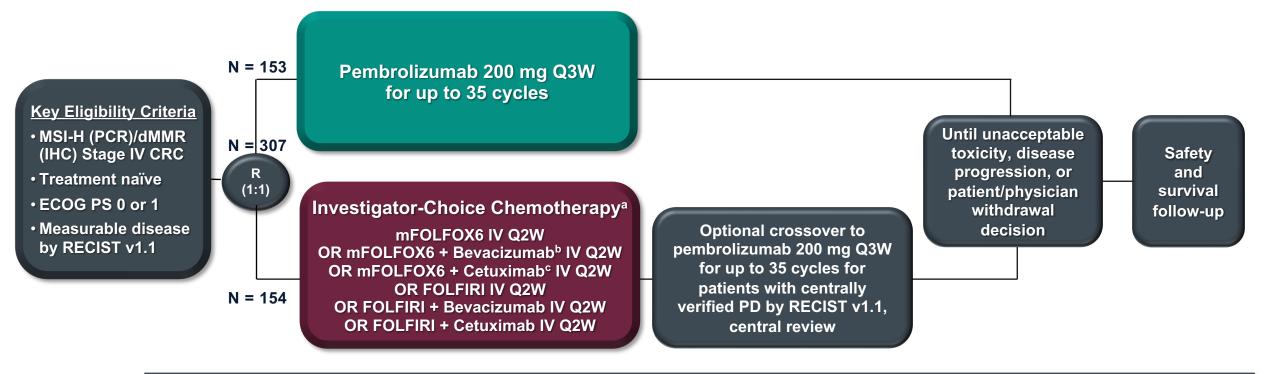
Courtesy/Adapted: Christina Wu, MD from ASCO 2022

Relevant Targets in mCRC



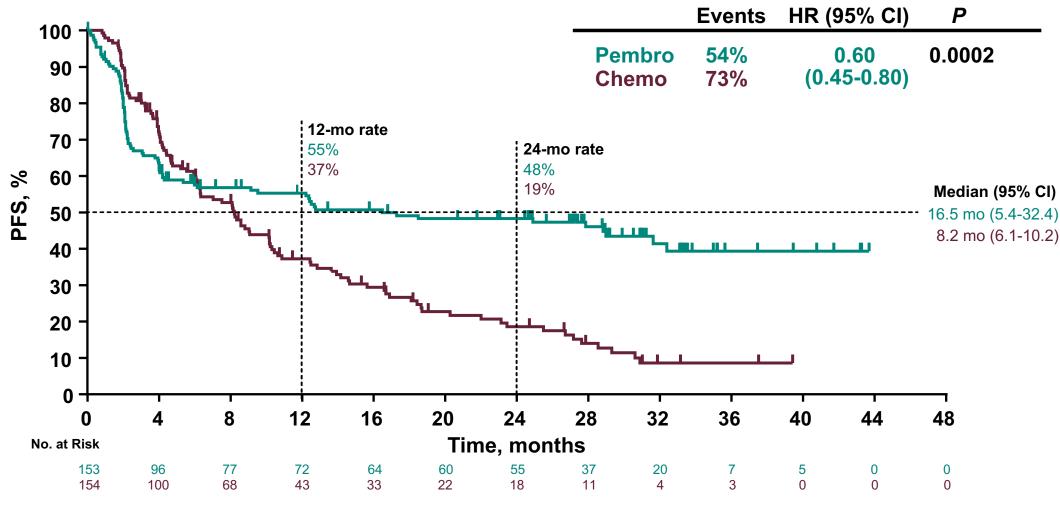
Strickler J, Bekaii-Saab T et al JAMA Onc 2022.

KEYNOTE-177: 1L in MSI-H mCRC



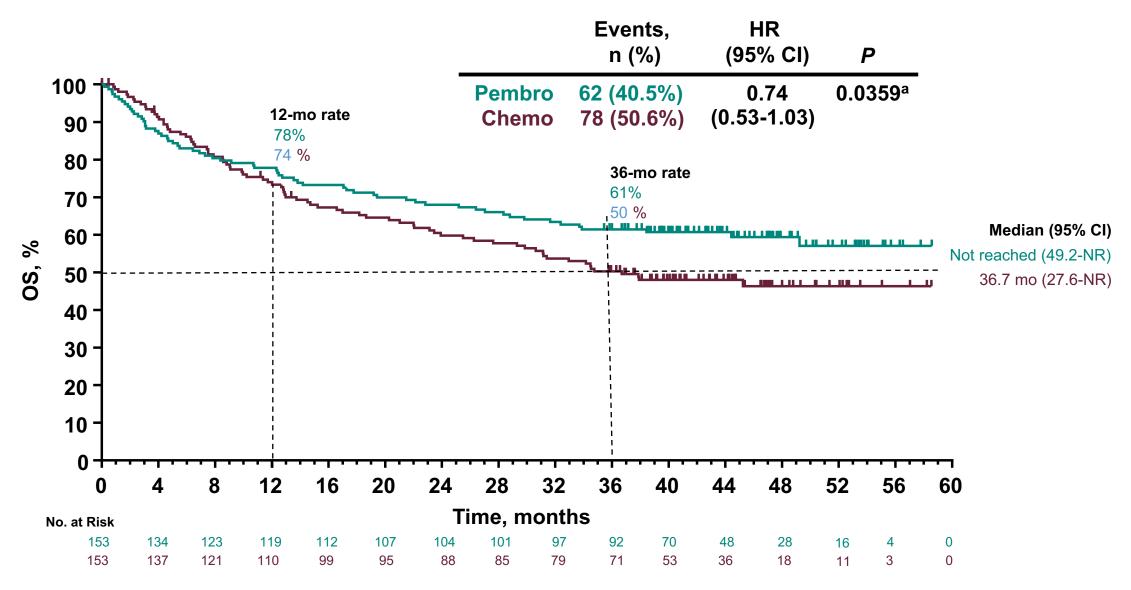
- Dual-Primary endpoints: PFS per RECIST v1.1 per blinded independent central review (BICR) and OS
- Secondary endpoints: ORR per RECIST v1.1 by BICR, safety
- Tumor response assessed at week 9 and Q9W thereafter per RECIST v1.1 by BICR

Progression-Free Survival



Median study follow-up: 32.4 months (range, 24.0 – 48.3); PFS (time from randomization to first documented disease progression or death) assessed per RECIST v1.1 by BICR; Superiority of pembrolizumab vs chemotherapy for PFS was demonstrated at the pre-specified one-sided α = 0.0117; Data cut-off: 19Feb2020.

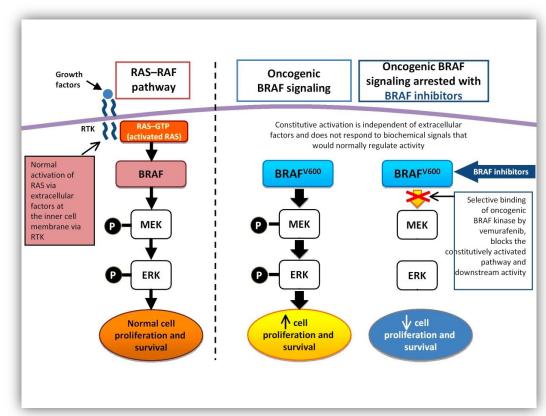
Overall Survival



^aPembrolizumab was not superior to chemotherapy for OS as one-sided α > 0.0246. Pre-specified sensitivity analyses to adjust for crossover effect by rank-preserving structure failure time model and inverse probability of censoring weighting showed OS HRs of 0.66 (95% CI 0.42-1.04) and 0.77 (95% CI 0.44-1.38). Data cut-off: 19Feb2021.

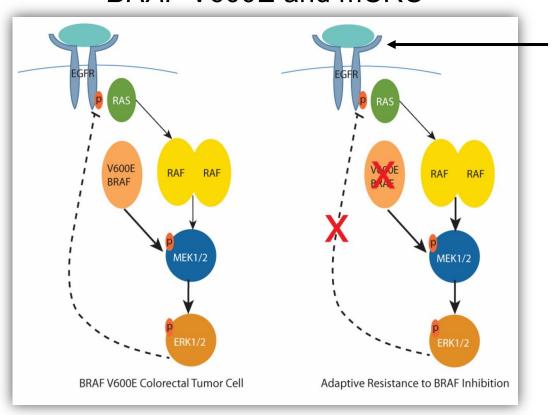
BRAF V600E Mutations: Not so much of a "MATCH" without tissue specific approaches!

BRAF V600E and Melanoma



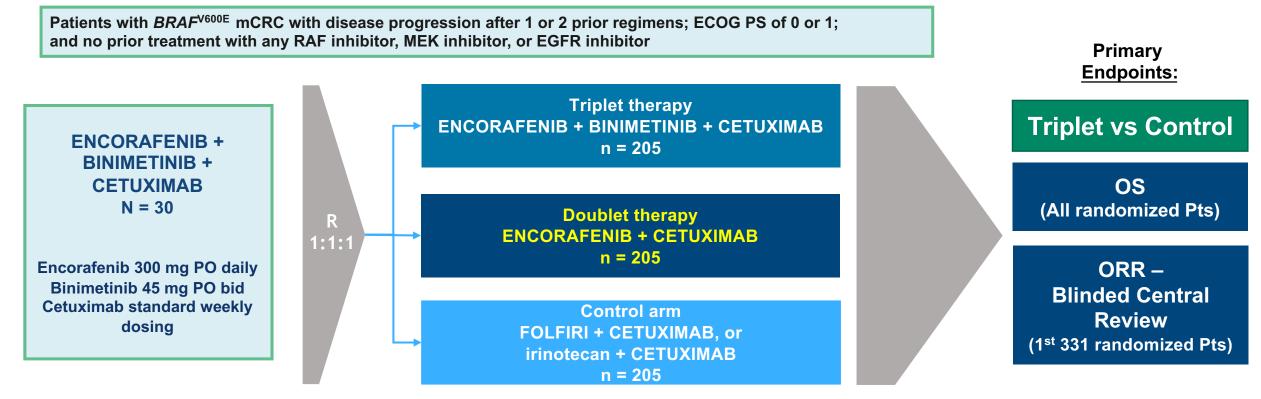
ORR with single-agent vemurafenib ~50% Chapman PB et al. N Engl J Med. 2011;364:2507-2516.

BRAF V600E and mCRC



ORR with single-agent vemurafenib < 5% Yeager R et al. *J Natl Compr Cancer Netw.* 2012;10(11):1456-1458.

BEACON: Phase 3 in 2nd/ 3rd Line BRAF V600E mut mCRC



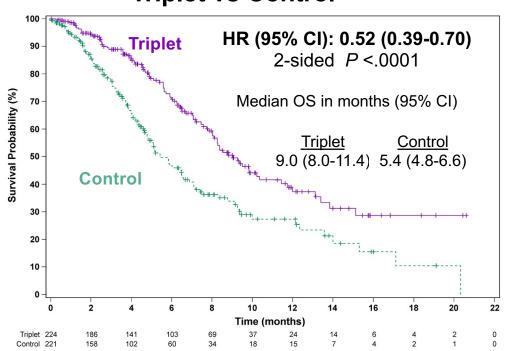
Randomization was stratified by ECOG PS (0 vs. 1), prior use of irinotecan (yes vs. no), and cetuximab source (US-licensed vs. EU-approved)

Secondary Endpoints: Doublet vs Control and Triplet vs Doublet - OS & ORR, PFS, Safety

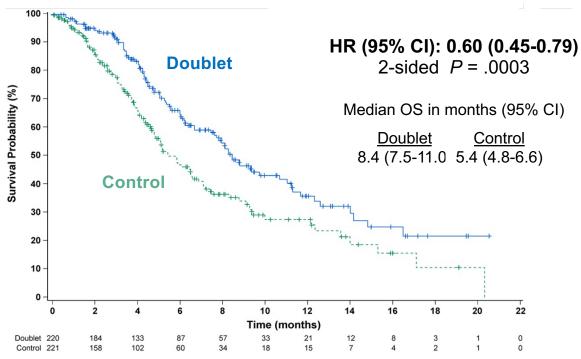
QOL Assessments: EORTC QOL Questionnaire (QLQ C30), Functional Assessment of Cancer Therapy Colon Cancer, EuroQol 5D5L, and Patient Global Impression of Change).

BEACON: Overall Survival and Objective Response Rate

Triplet vs Control



Doublet vs Control



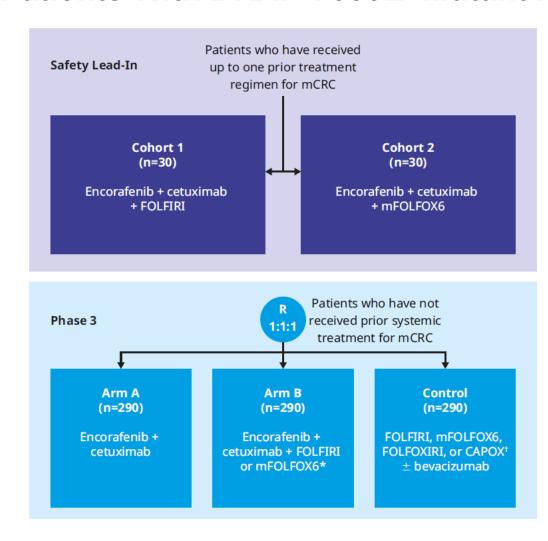
Objective Response Rate (first 331 randomized patients)

Confirmed Response by BICR	Triplet N = 111	Doublet N = 113	Control N = 107
Objective response rate	26%	20%	2%
(95% CI)	(18–35)	(13–29)	(<1-7)
P value vs control	<.0001	<.0001	

BREAKWATER: First-line Encorafenib + Cetuximab ± Chemotherapy Versus SOC in Patients With BRAF V600E–Mutant mCRC

Key Eligibility Criteria (N=930)

- Patients aged ≥16 (phase 3)
- Measurable, histologically or cytologically confirmed CRC adenocarcinoma (phase 3)
- Presence of metastatic disease
- BRAF V600E mutation present in tumor tissue or blood
- No dMMR/MSI-H disease
- Participants who received ≤1 (safety lead-in) or no (phase 3) prior systemic regimens for metastatic disease; No previous treatment with BRAFi or EGFRi
- ECOG PS of 0 or 1



Primary Endpoints

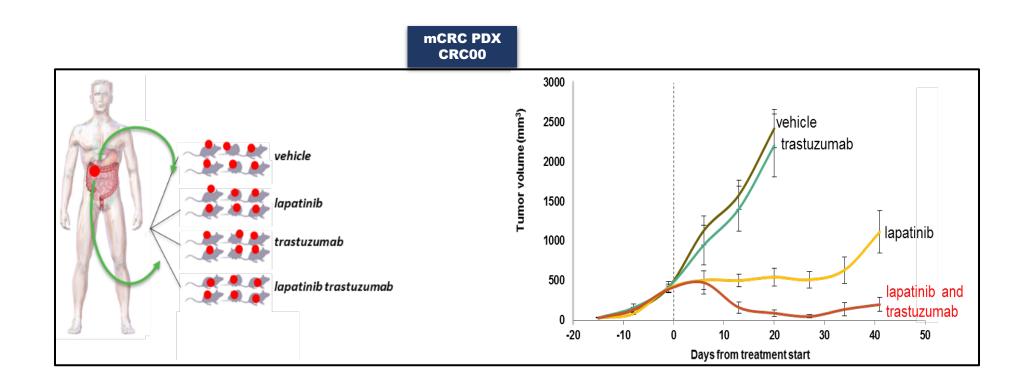
- Safety lead-in: Incidence of doselimiting toxicities
- Phase 3: PFS by BICR of Arm A vs Arm C and Arm B vs Arm C

NCT04607421

A multicenter, open-label, randomized, interventional study to determine the safety, tolerability, and efficacy of encorafenib + cetuximab with or without chemotherapy versus standard of care chemotherapy in patients with previously untreated *BRAF* V600E-mutant mCRC. Prior to the phase 3 portion, a safety lead-in will be conducted to evaluate the safety/tolerability and PK of encorafenib + cetuximab in combination with either mFOLFOX6 or FOLFIRI

1. ClinicalTrials.gov https://www.clinicaltrials.gov/ct2/show/NCT04607421. Accessed October 29, 2020...

Anti-HER2 PreclinicalHER2+ mCRC PDXs





Additional analyses of MOUNTAINEER: A phase 2 study of tucatinib and trastuzumab for HER2-positive mCRC

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Duke University Medical Center, Durham, NC, USA

Coauthors: Andrea Cercek, Salvatore Siena, Thierry Andre, Kimmie Ng, Eric Van Cutsem, Christina Wu, Andrew Scott Paulson, Joleen M. Hubbard, Andrew L. Coveler, Christos Fountzilas, Adel Kardosh, Pashtoon Murtaza Kasi, Heinz-Josef Lenz, Kristen Ciombor, Elena Elez, David L. Bajor, Michael Stecher, Wentao Feng, Tanios S. Bekaii-Saab



MOUNTAINEER: Global, Open-label, Phase 2 Trial¹

Cohort A (n=45) Tucatinib 300 mg PO BID + Trastuzumab 6 mg/kg Q3W (loading dose 8 mg/kg C1D1)a,b Expansion Cohort B (n=41) Tucatinib 300 mg PO BID + Trastuzumab 6 mg/kg Q3W (loading dose 8 mg/kg C1D1)a,b Cohort C (n=31) Tucatinib 300 mg PO BIDa

Endpoints

Efficacy

Assessed in patients who received any amount of study treatment and had HER2+ tumors^d

- 1. Primary: cORR in Cohorts A+B (RECIST 1.1 per BICR)
- 2. Secondary:
- Cohorts A+B: DOR per BICR, PFS per BICR, and OS
- Cohort C: ORR by 12 weeks of treatment per BICR (pre-crossover)
- 3. Prespecified:
- DCR for pre- and post-crossover patients
- cORR per BICR for post-crossover patients

<u>Safety</u> presented in pre- and post-crossover patients who received any amount of study treatment

Patients treated with tucatinib monotherapy were allowed to cross over and receive tucatinib and trastuzumab if they experienced radiographic progression at any time point or if they had not achieved a PR or CR by week 12

a Each treatment cycle is 21 days; b Patients remained on therapy until evidence of radiographic or clinical progression, unacceptable toxicity, withdrawal of consent, or study closure; c Stratification: Left sided tumour primary vs other; d Patients had HER2+ tumors as defined by one or more protocol required local tests: IHC 3+ (n=46), amplification by ISH (n=36), or amplification by NGS (n=69)

≥2L, second line and later; BICR, blinded independent central review; BID, twice a day; C1D1, cycle 1 day 1; cORR, confirmed objective response rate; CR, complete response; DCR, disease control rate; DOR, duration of response; HER2+, human epidermal growth receptor 2-positive; IHC, immunohistochemistry; ISH, in situ hybridisation; mAb, monoclonal antibody; mCRC, metastatic colorectal cancer; NGS, next-generation sequencing; ORR, objective response rate; OS, overall survival; PO, orally; Q3W, every 3 weeks; PR, partial response; R, randomisation; RAS, rat sarcoma virus; RECIST, Response Evaluation Criteria in Solid Tumours; VEGF, vascular endothelial growth factor.

Data cutoff: 28 March 2022

Key Eligibility Criteria

≥2L mCRC

• RAS wild-type

RECIST 1.1

HER2+ per local

IHC/ISH/NGS testing

Measurable disease per

oxaliplatin, irinotecan, and

Prior fluoropyrimidines,

anti-VEGF mAb

1. Adapted from Strickler et al. ESMO-World GI 2022. Oral presentation no. LBA-2.



Efficacy Outcomes

Responses		Tucatinib + Trastuzumab Cohorts A+B n=84 ¹	Tucatinib Monotherapy Cohort C n=30	Tucatinib + Trastuzumab Post-Crossover n=28
•	CR	3 (3.6)	0	0
Post systell response	PR	29 (34.5)	1 (3.3)	5 (17.9)
Best overall response	SD♭	28 (33.3)	23 (76.7)	18 (64.3)
per BICR ^a , n (%)	PD	22 (26.2)	4 (13.3)	5 (17.9)
	Not available ^c	2 (2.4)	2 (6.7)	0
ORR per BICR, % (959	ORR per BICR, % (95% CI)d		3.3 (0.1-17.2) ^f	17.9 (6.1-36.9) ^e
DCR ^g per BICR, n (%)		60 (71.4)	24 (80.0)	23 (82.1)

a Confirmed best overall response assessed per RECIST 1.1; b Includes SD and non-CR/non-PD; c Includes patients with no post-baseline response assessment and patients whose disease assessments are not evaluable; d Two-sided 95% exact confidence interval, computed using the Clopper-Pearson method (1934); e cORR; f ORR by 12 weeks of treatment; g Defined as sum of CR, PR, and SD.

^{1.} Strickler et al. ESMO-World GI 2022. Oral presentation no. LBA-2.



BICR, blinded independent central review; cORR, confirmed objective response rate; CR, complete response rate; PD, progressive disease; PR, partial response; RECIST, Response Evaluation Criteria in Solid Tumours; SD, stable disease. Data cutoff: 28 Mar 2022

Safety Summary

 Safety profiles for tucatinib monotherapy pre- and post-crossover groups are consistent with the known tucatinib safety profile

		Tucatinib + Trastuzumab	Tucatinib Monotherapy	Tucatinib + Trastuzumab
TEAEs, n (%)		Cohorts A+B n=86 ¹	Cohort C ^a n=30	Post-Crossover ^b n=28
Any grade AEs		82 (95.3)	28 (93.3)	23 (82.1)
Grade ≥3 AEs	Grade ≥3 AEs		8 (26.7)	6 (21.4)
SAEs		19 (22.1)	3 (10.0)	2 (7.1)
AEs leading to tucatinib discontinuation		5 (5.8) ^c	0	2 (7.1) ^d
Deaths due to AEs		0	0	0
	Diarrhoea	55 (64.0)	10 (33.3)	10 (35.7)
Most common AEse	Abdominal pain	13 (15.1)	6 (20.0)	3 (10.7)
	Fatigue	38 (44.2)	6 (20.0)	3 (10.7)

a AEs pre-crossover are defined as AEs that are newly onset or worsened on or after receiving the first dose of tucatinib and up to 30 days after last dose of tucatinib for patients who didn't crossover, or the day before crossover for patients who crossed over; b AEs post-crossover are defined as AEs that are newly onset or worsened on or after crossover (date of first dose of tucatinib or trastuzumab, whichever came first, in the first cycle of trastuzumab) and up to 30 days after the last dose of study treatment (tucatinib or trastuzumab); c Three patients discontinued trastuzumab; d One patient discontinued tucatinib due to ALT increase, and one patient discontinued tucatinib due to AST increase. One patient discontinued trastuzumab; e AEs reported in ≥20% of patients in patients treated with tucatinib monotherapy (pre-crossover).

AE, adverse event; ALT; alanine transaminase; AST, aspartate transaminase; SAE, serious adverse event.

^{1.} Strickler et al. ESMO-World GI 2022. Oral presentation no. LBA-2.



Data cutoff: 28 Mar 2022

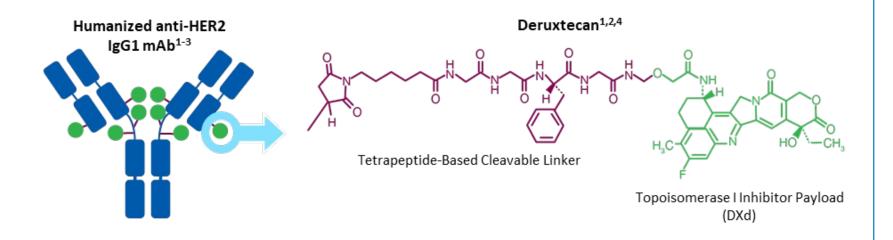
MOUNTAINEER-03: Global, Randomised, Open-Label, Phase 3 Trial

Tucatinib + Trastuzumab + **Key Eligibility Criteria Endpoints** mFOLFOX6b (n≈200) Primary HER2+ 1L mCRC assessed by PFS per RECIST 1.1 (BICR) central IHC/ISH testing RAS wild-type Ra Measurable disease per RECIST 1.1 Secondary ECOG Performance Status 0-1 OS mFOLFOX6b ± Treated, stable central nervous Confirmed ORR per RECIST Bevacizumab or system metastases permitted 1.1 (BICR) Cetuximab (n≈200)

T-DXd is a Novel ADC Designed to Deliver an Antitumor Effect

T-DXd is an ADC with 3 components:

- A humanized anti-HER2 IgG1 mAb with the same amino acid sequence as trastuzumab
- A topoisomerase I inhibitor payload, an exatecan derivative
- A tetrapeptide-based cleavable linker



Payload mechanism of action: topoisomerase I inhibitor

High potency of payload

High drug to antibody ratio ≈ 8

Payload with short systemic half-life

Stable linker-payload

Tumor-selective cleavable linker

Membrane-permeable payload

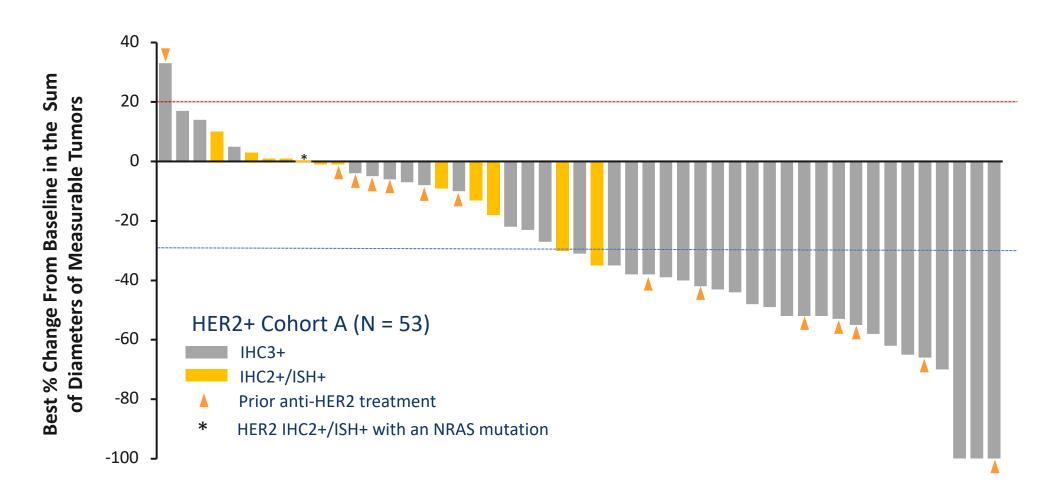
The clinical relevance of these features is under investigation.

ADC, antibody-drug conjugate.

1. Nakada T, et al. Chem Pharm Bull (Tokyo). 2019;67(3):173-185. 2. Ogitani Y, et al. Clin Cancer Res. 2016;22(20):5097-5108. 3. Trail PA, et al. Pharmacol Ther. 2018;181:126-142. 4. Ogitani Y, et al. Cancer Sci. 2016;107(7):1039-1046.

DESTINY-CRC01

DESTINY-CRC01: Single Arm PII WF Plot



AEs of Special Interest: Interstitial Lung Disease

	All Patients (N = 78)					
Preferred Term, n (%)	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Any Grade/ Total
Interstitial Lung Disease	0	2 (2.6)	1 (1.3)	0	2 (2.6)	5 (6.4)

Among the 5 total events:

- Median time to investigator-reported onset was 80 days (range, 22-132)
- 5 of 5 patients with grade ≥ 2 ILD received corticosteroids
- 2 patients recovered, 1 did not recover (later died due to disease progression), and 2 died
- In the 2 fatal cases, onset was from 40-126 days, both received steroids as part of treatment, and death occurred 6-18 days after diagnosis

Protocol recommendations: Monitor for symptoms. Hold T-DXd and start steroids as soon as ILD is suspected

Drug related; ILD was determined by an Independent ILD Adjudication Committee based on 44 preferred terms.

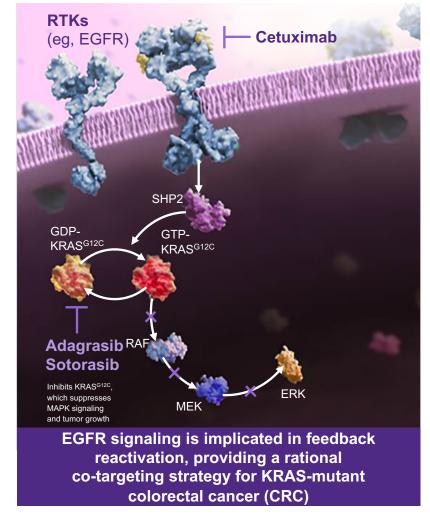
One additional grade 5 ILD case in Cohort B was reported after the data cutoff. This case was adjudicated after data cutoff as drug-related ILD.

Recent data of HER2-targeted therapies in patients with advanced or metastatic colorectal cancer

Regimen	Trial (n) – year	ORR	PFS	os	Most common Grade 3+ AEs
Trastuzumab + lapatinib	HERACLES-A (n=32) – 2016	28%	4.7m	10m	Fatigue 16% Decreased LVEF 6%
Trastuzumab + pertuzumab	MyPathway (n=84; 57 evaluable) – 2019	32%	2.9m	11.5m	Hypokalemia 5% Abdominal pain 5%
Pertuzumab and T-DM1	HERACLES-B (n=31) – 2020	9.7%	4.1m	Not reported	Thrombocytopenia 7%
Trastuzumab deruxtecan	DESTINY-CRC01 (N=78; 53 HER2+) – 2021	45.3%	6.9m	15.5m	Neutropenia 15% Anemia 13%
Tucatinib + trastuzumab	MOUNTAINEER (n=117) - 2022	38.1%	8.2m	24.1m	Hypertension 7% Diarrhea 3.5%

KRAS G12C Mutations in CRC: Background

- KRAS^{G12C} mutations occur in approximately 3–4% of CRC, act as oncogenic drivers, and are a negative predictor of cetuximab efficacy^{1–4}
- The KRAS protein cycles between guanosine triphosphate (GTP)on and guanosine diphosphate (GDP)-off states and has a protein resynthesis half-life of ~24 hours^{5,6}
- In patients with chemotherapy refractory KRAS mutant CRC, current standard therapies have a response rate of ~1% and a median progression-free survival (PFS) of approximately 2 months
- Adagrasib, a covalent inhibitor of KRAS^{G12C}, irreversibly and selectively binds KRAS^{G12C} in its inactive, GDP-bound state and was optimized for desired properties, including⁷:
- Sotorasib is another first-in-class, irreversible inhibitor of the KRASG12C protein⁸
- Combining KRAS G12C inhibitors with an epidermal growth factor receptor (EGFR) inhibitor, may enhance inhibition of KRAS-dependent signaling or overcome adaptive feedback to improve outcomes⁹



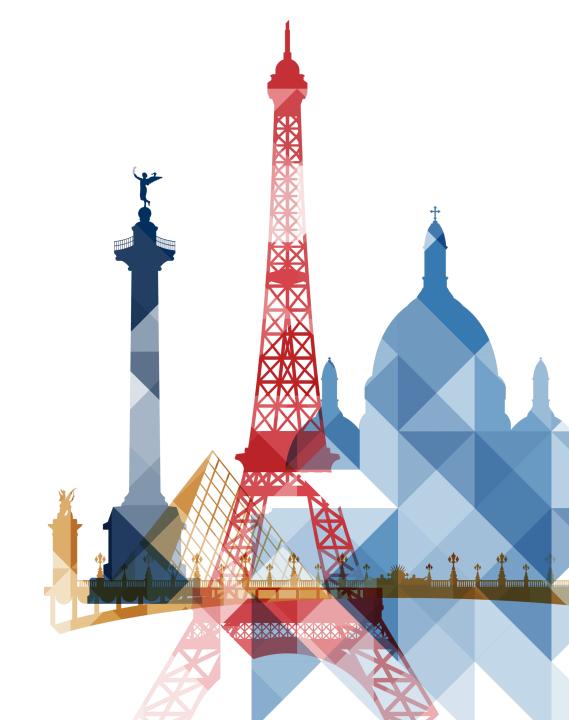


KRYSTAL-1: Updated Efficacy and Safety of Adagrasib (MRTX849) With or Without Cetuximab in Patients With Advanced Colorectal Cancer (CRC) Harboring a KRAS^{G12C} Mutation

Samuel J. Klempner¹, Jared Weiss², Meredith S. Pelster³, Alexander I. Spira⁴, Minal Barve⁵, Sai-Hong Ignatius Ou⁶, Ticiana A. Leal⁷, Tanios S. Bekaii-Saab⁸, James G. Christensen⁹, Thian Kheoh⁹, Karen Velastegui⁹, Hirak Der-Torossian⁹, Rona Yaeger¹⁰

¹Massachusetts General Cancer Center, Boston, Massachusetts, USA; ²University of North Carolina-Chapel Hill, Lineberger Comprehensive Cancer Center, Chapel Hill, North Carolina, USA; ³Sarah Cannon Research Institute, Tennessee Oncology, Nashville, Tennessee, USA; ⁴Virginia Cancer Specialists, US Oncology Research, Fairfax, Virginia, USA; ⁵Mary Crowley Cancer Research, Dallas, TX, USA; ⁶University of California Irvine, Chao Family Comprehensive Cancer Center, Orange, CA, USA; ⁷Winship Cancer Institute, Emory University, Atlanta, GA, USA; ⁸Department of Medical Oncology and Hematology, Mayo Clinic, Scottsdale, Arizona, USA; ⁹Mirati Therapeutics, Inc., San Diego, CA, USA; ¹⁰Department of Medicine, Memorial Sloan Kettering Cancer Center, New York, NY, USA





KRYSTAL-1 (849-001) Phase 1b/2 CRC Cohorts Study Design

Key Eligibility Criteria

- CRC with a KRAS^{G12C} mutation^a
- Unresectable or metastatic disease
- Prior systemic treatment for metastatic disease
- No available treatment with curative intent or available standard of care

Phase 1b CRC Combination

Adagrasib 600 mg BID^b + cetuximab^c (n=32) Phase 2
CRC Monotherapy

Adagrasib 600 mg BID^b (n=44)

Study Objectives

Phase 1b

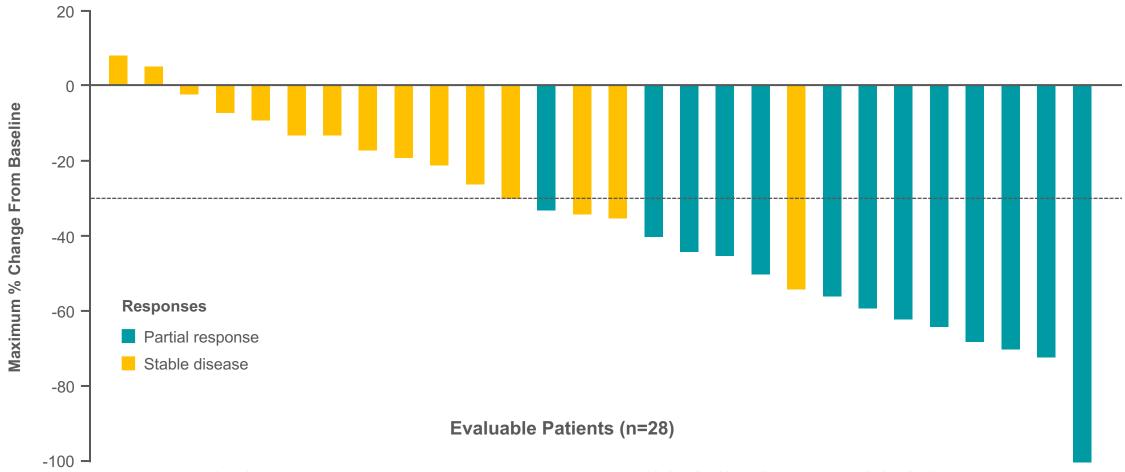
- Primary endpoints: safety, RP2D, PK
- Secondary endpoints: ORR (RECIST 1.1), DOR, PFS, OS

Phase 2

- Primary endpoint: ORR (RECIST 1.1)^d
- Secondary endpoints: safety, DOR, PFS, OS
- Previously reported data demonstrated clinical activity of adagrasib monotherapy and adagrasib + cetuximab in patients with previously treated KRAS^{G12C}-mutated CRC^{10,e}
- Here we report updated data for adagrasib 600 mg BID as monotherapy (Phase 2; median follow-up: 20.1 months) and in combination with cetuximab (Phase 1b; median follow-up: 17.5 months) in patients with previously treated KRAS^{G12C}-mutated CRC

^aKRAS^{g12C} mutation detected in tumor tissue and/or ctDNA per protocol. ^bCapsule, fasted. ^cCetuximab dosing, 400 mg/m² followed by 250 mg/m² QW, or 500 mg/m² QW. ^dResponse was analysed in the clinically evaluable population with local radiology review. ^ePrevious data were reported for 46 patients (n=2 in Phase 1/1b and n=44 in Phase 2) receiving adagrasib monotherapy (median follow-up: 8.9 months) and 32 patients receiving adagrasib + cetuximab (median follow-up: 7 months)¹⁰

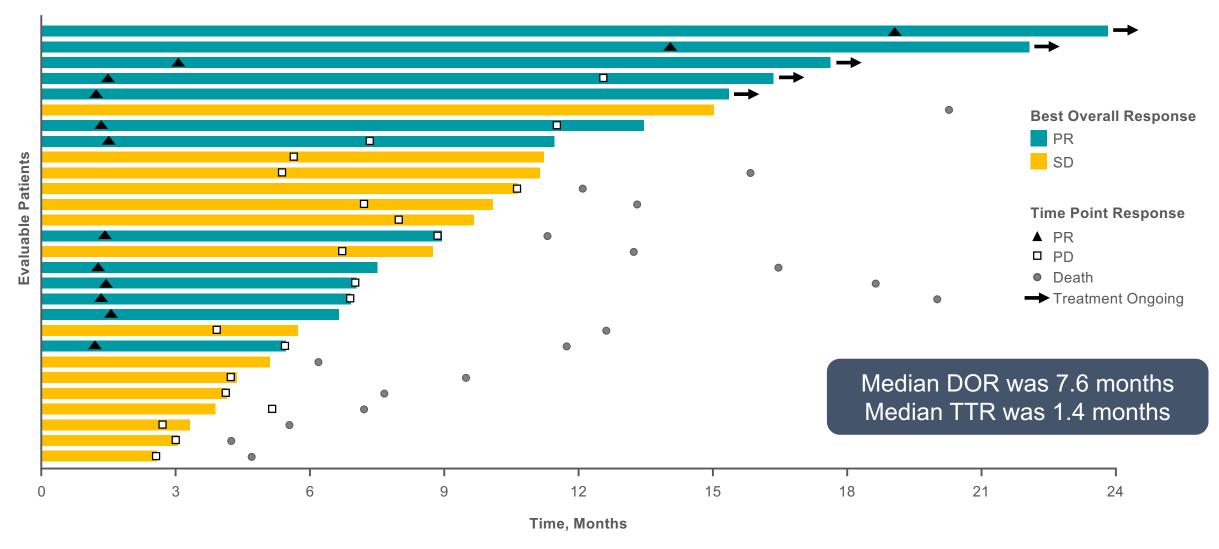
Adagrasib + Cetuximab in Previously Treated Patients with KRAS^{G12C}-Mutated CRC: Best Tumor Change From Baseline



- Confirmed objective responses^a were observed in 46% (13/28^b); DCR was 100% (28/28)
- Tumor shrinkage of any magnitude occurred in 93% of patients

aORR defined as the proportion of patients documented to have a confirmed CR or PR according to RECIST 1.1 as the best response. Patients who could not be assessed for response were counted as not evaluable. Besponse per investigator assessment (n=28; four patients are not included due to no post-baseline assessment of target lesions)

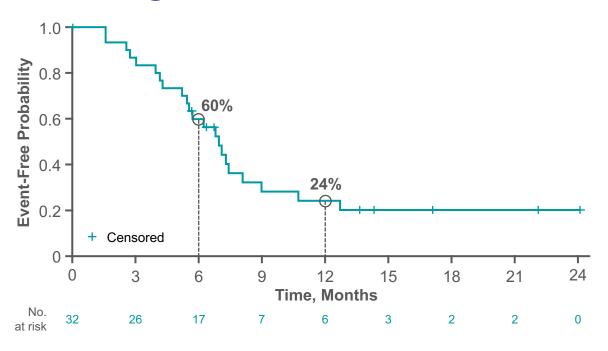
Adagrasib + Cetuximab in Previously Treated Patients with KRAS^{G12C}-Mutated CRC: Duration of Treatment



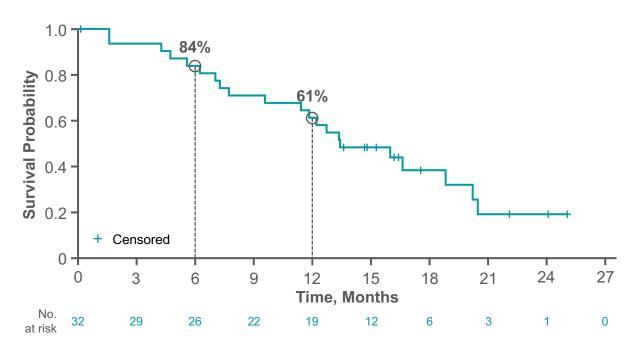
Response outcomes per investigator assessment (n=28; four patients are not included due to no post-baseline assessment of target lesions)

Adagrasib + Cetuximab in Previously Treated Patients with KRAS^{G12C}-Mutated CRC: PFS and OS

Progression-Free Survival



Overall Survival



Median PFS was 6.9 months (95% CI, 5.4–8.1)

Median OS was 13.4 months (95% CI, 9.5–20.1)

Adagrasib + Cetuximab in Previously Treated Patients with KRAS^{G12C}-Mutated CRC: Treatment-Related Adverse Events

Most Frequent TRAEs	Adagrasib + Cetuximab (n=32)						
TRAEs, %	Any grade	Grade 1	Grade 2	Grade 3			
Any TRAEs ^a	100%	16%	69%	9%			
Most frequent TRAEsb, %							
Nausea	63%	41%	22%	0			
Diarrhea	56%	34%	19%	3%			
Vomiting	53%	41%	13%	0			
Dermatitis acneiform	47%	34%	9%	3%			
Fatigue	47%	25%	22%	0			
Dry skin	41%	34%	6%	0			
Headache	31%	22%	9%	0			
Dizziness	25%	13%	13%	0			
Rash maculopapular	25%	22%	3%	0			
Stomatitis	22%	16%	3%	3%			

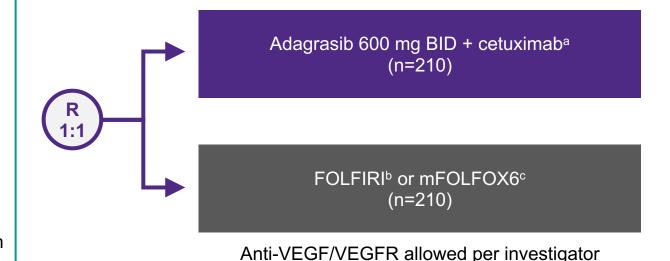
- 2 Grade 4 TRAEs (cetuximab-related infusion-related reaction, n=1; hyperkalemia, n=1); no Grade 5 TRAEs
- 16% (5/32) of TRAEs led to discontinuation of cetuximab^c. No TRAEs led to discontinuation of adagrasib
- TRAEs led to adagrasib dose reduction in 31% (10/32) and to adagrasib interruption in 44% (14/32)

^aBy maximum grade. ^bOccurring in >20% of patients (any grade). ^cTRAEs leading to cetuximab discontinuation were treatment-related cetuximab-related infusion-related reaction (n=3), malaise (n=1) and vascular flushing (n=1)

KRYSTAL-10 (849-010): Phase 3 Randomized, Open-Label Trial of 2L Adagrasib + Cetuximab vs Chemotherapy in metastatic CRC With KRAS^{G12C} Mutation

Key Eligibility Criteria

- Histologically confirmed diagnosis of advanced or metastatic CRC
- Confirmed KRAS^{G12C} mutation in tumor tissue
- Progression on 1L fluoropyrimidine-based regimen containing oxaliplatin or irinotecan



discretion in comparator arm

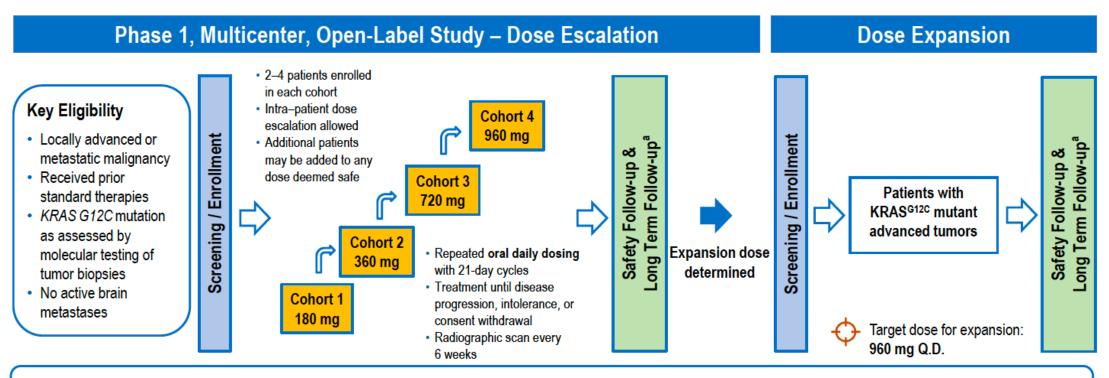
Outcome Measures

Primary: PFS, OS

Secondary: Safety, ORR (RECIST 1.1), 1-year OS, DOR, PK, PROs

^aDosing: cetuximab, 500 mg/m² Q2W. ^bFOLFIRI Q2W (irinotecan, 180 mg/m², 5-FU/LV with fluorouracil given as a 400 mg/m² IV bolus followed by a 2400 mg/m² dose given as a continuous infusion over 46–48 hours). ^cmFOLFOX6 Q2W (oxaliplatin, 85 mg/m², 5-FU/LV, with fluorouracil given as a 400 mg/m² IV bolus followed by a 2400 mg/m² dose given as continuous infusion over 46–48 hours). ClinicalTrials.gov NCT04793958.

CodeBreak 100 : Sotorasib +/- Panitumumab in mCRC



Primary endpoints: dose limiting toxicities (DLTs), safety

Key secondary endpoints: PK, objective response rate, duration of response, disease control rate, PFS, duration of stable disease

^a30 (+7) days after end of treatment for safety follow-up; every 12 weeks for long term follow-up. PK: pharmacokinetics; PFS: progression-free survival.

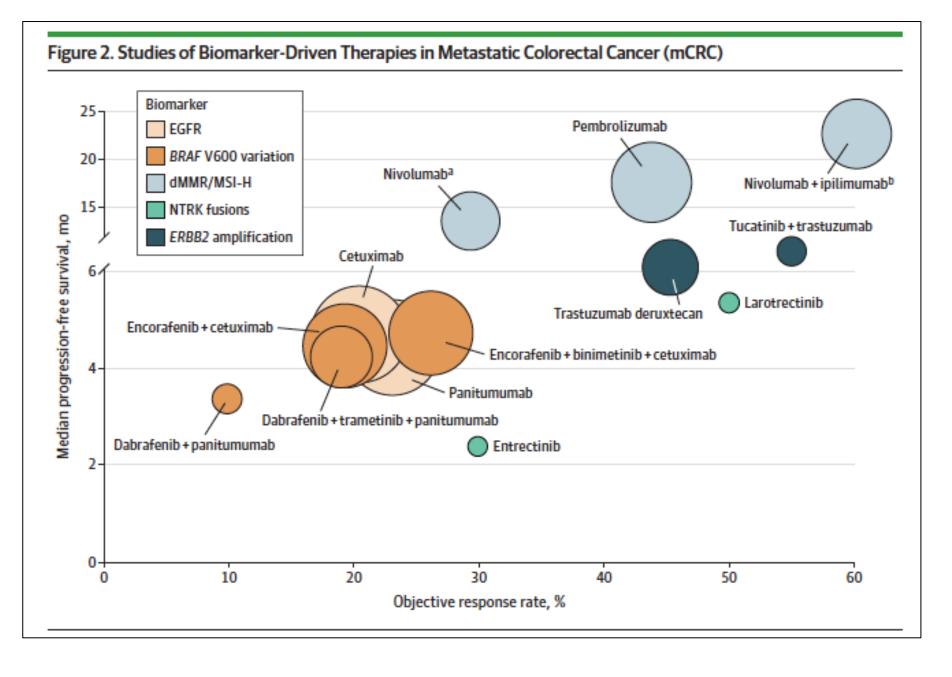
CodeBreak101: Sotorasib + Panitumumab

- As of March 25, 2022, 40 pts (75% female, median age 57.5 years) were enrolled and received oral Soto 960 mg daily and Pmab 6 mg/kg IV every 2 weeks.
- Median prior lines of therapy was 2.
- Grade 3 TRAEs occurred in 9 (22.5%) pts; related to Soto and Pmab in 6 (15%) and 8 (20%) pts, respectively.
- Confirmed ORR was 30% (95% CI: 16.6, 46.5).
 - Disease control rate was 90% (95% CI: 76.3, 97.2).

Sotorasib and Panitumumab Versus Investigator's Choice for Participants With KRAS p.G12C Mutation (CodeBreak 300)

A Phase 3 Multicenter, Randomized, Open-label, Active-controlled Study of Sotorasib and Panitumumab Versus Investigator's Choice (Trifluridine and Tipiracil, or Regorafenib) for the Treatment of Previously Treated Metastatic Colorectal Cancer Subjects With Kirsten Rat Sarcoma (KRAS) p.G12C Mutation

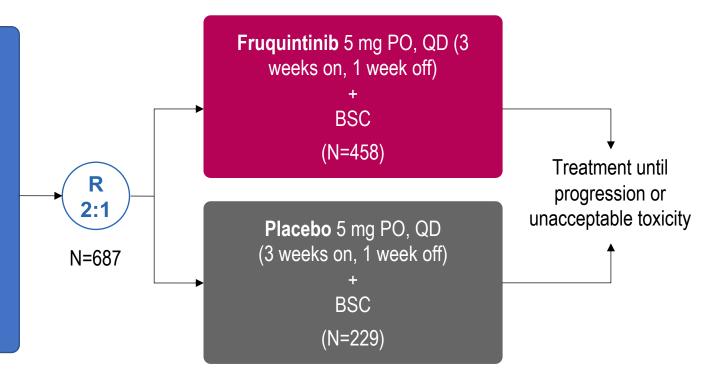
ClinicalTrials.gov Identifier: NCT05198934



FRESCO-2 Study Design

Patient Eligibility

- Prior treatment with fluoropyrimidine-, oxaliplatin- and irinotecan-based chemotherapy, an anti-VEGF biological therapy, and, if *RAS* wild type, an anti-EGFR therapy
- Progression on, or intolerance to, TAS-102 and/or regorafenib
- Prior treatment with an immune checkpoint inhibitor or BRAF inhibitor if indicated



Stratification Factors

- Prior therapy (TAS-102 vs regorafenib vs TAS-102 and regorafenib)
- RAS mutational status (wild-type vs mutant)
- Duration of metastatic disease (≤18 months vs >18 months)

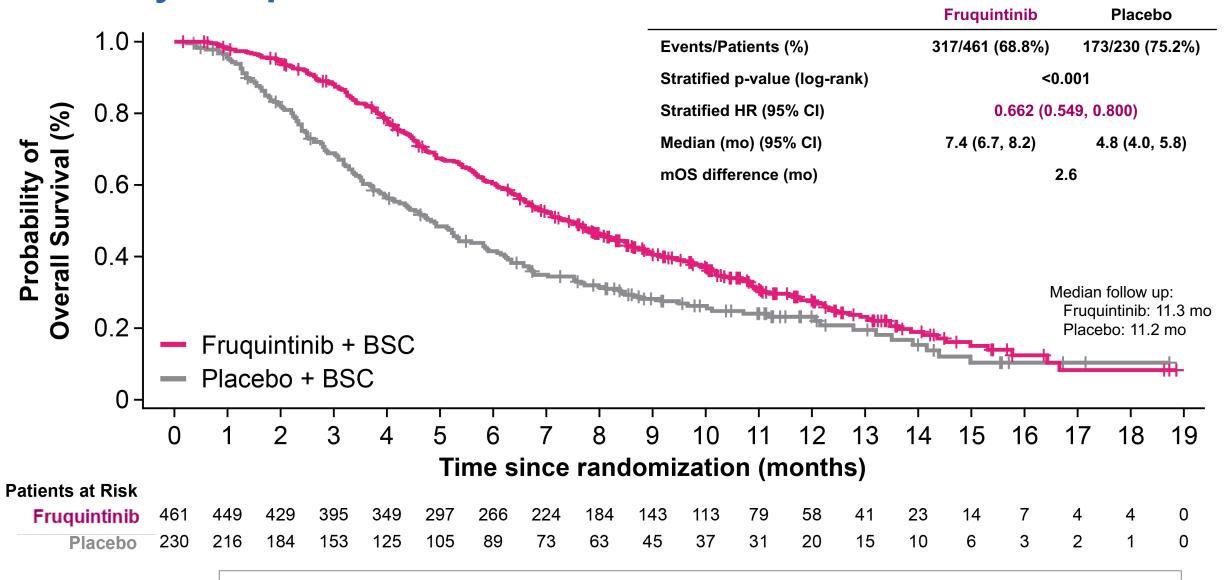
Note: To ensure the patient population is reflective of clinical practice, the number of patients treated with prior regorafenib was limited to 344 patients (50%)

BSC, best supportive care. NCT04322539.



ITT Population

Primary Endpoint: Overall Survival





Subsequent anti-cancer medication balanced between the two arms: 29.4% fruquintinib arm vs. 34.3% placebo arm

Most Common TEAEs

(Any Grade ≥ 15% in Either Arm)

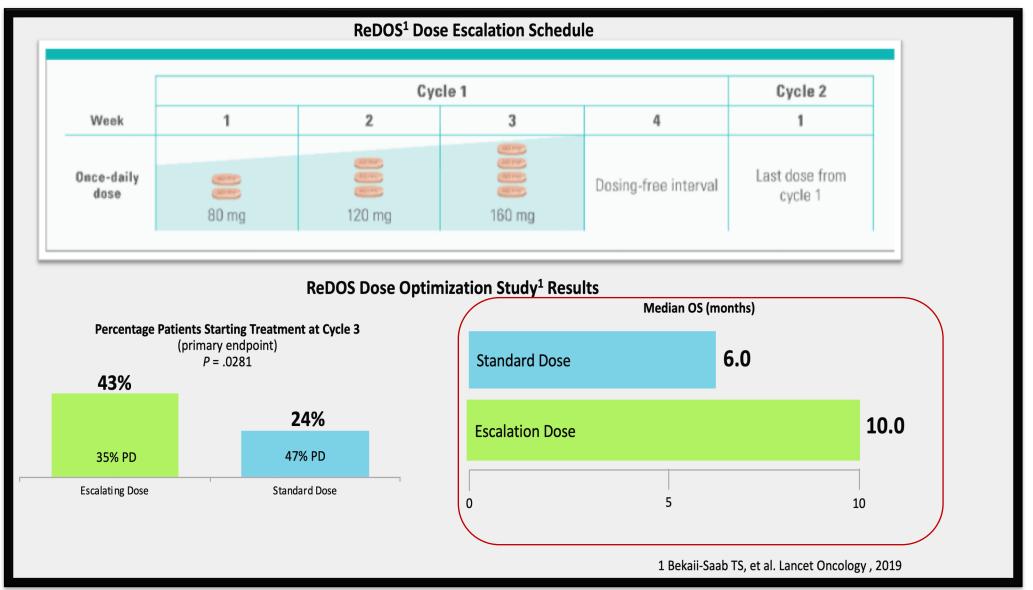
TEAE, n (%)	Fruquintinik	(N=456)	Placebo	(N=230)
	Any Grade	Grade ≥ 3	Any Grade	Grade ≥ 3
Patients with ≥1 TEAE	451 (98.9)	286 (62.7)	213 (92.6)	116 (50.4)
Hypertension	168 (36.8)	62 (13.6)	20 (8.7)	2 (0.9)
Asthenia	155 (34.0)	35 (7.7)	52 (22.6)	9 (3.9)
Decreased appetite	124 (27.2)	11 (2.4)	40 (17.4)	3 (1.3)
Diarrhea	110 (24.1)	16 (3.5)	24 (10.4)	0
Hypothyroidism	94 (20.6)	2 (0.4)	1 (0.4)	0
Fatigue	91 (20.0)	18 (3.9)	37 (16.1)	2 (0.9)
Hand-foot syndrome	88 (19.3)	29 (6.4)	6 (2.6)	0
Abdominal pain	83 (18.2)	14 (3.1)	37 (16.1)	7 (3.0)
Nausea	79 (17.3)	3 (0.7)	42 (18.3)	2 (0.9)
Proteinuria	79 (17.3)	8 (1.8)	12 (5.2)	2 (0.9)
Constipation	78 (17.1)	2 (0.4)	22 (9.6)	0
Dysphonia	74 (16.2)	0	12 (5.2)	0



CROSS-TRIAL COMPARISONS

	Regorafenib			TAS	-102	Fruq	uintinib	
Study	COR	RECT	CONCUR		RECOURSE		FRESCO-2	
Prior biologics		BEV FR mAbs	60)%	100% BEV 100% EGFR mAbs 18% Rego		96% BEV 40% FGFR mAbs 52% TAS, 8% Rego 40% both TAS & Rego	
	Rego	BSC	Rego	BSC	TAS-102	BSC	Fruq	Plac
N pts	505	255	136	68	534	266	461	230
mOS	6.4	5.0	8.8	6.3	7.1	5.3	7.7	4.8
(mos)	HR (p=0.	0.77 0052		0.55 0002	HR 0.68 p<0.0001		HR 0.662 p<0.001	
mPFS	1.9	1.7	3.2	1.7	2.0	1.7	3.7	1.8
(mos)	HR (p<0.		HR 0.31 p<0.0001		HR p<0.	0.48 0001		R 0.32 0.001
RR (%)	1.0	0.4	4.4	0	1.6	0.4	3.7	1.8
Main AEs		HF	SR		Neutropenia		Hypertension	

ReDOS: Improving Tolerability while Optimizing Outcome



CRC: Rx PARADIGM 2022

