



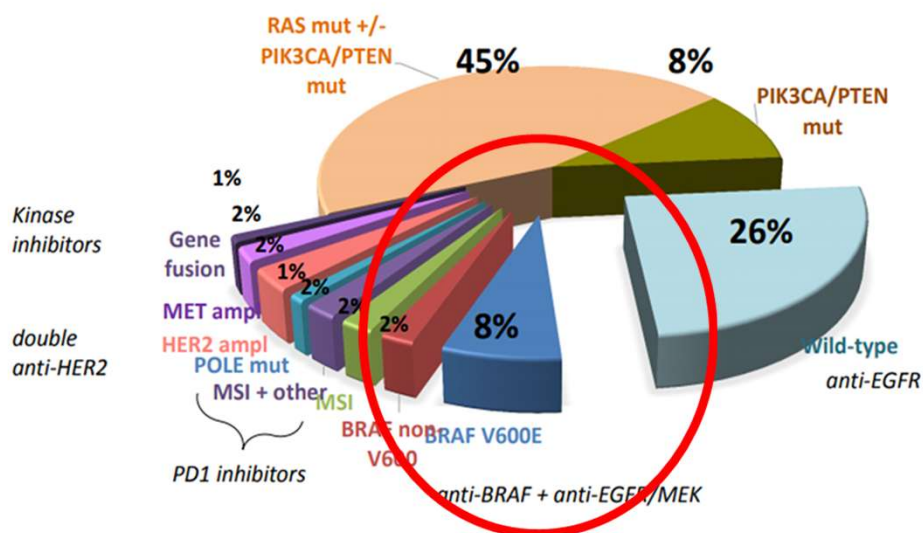
DESAFÍOS Y AVANCES EN EL TRATAMIENTO DEL CÁNCER COLORRECTAL METASTÁSICO BRAF MUTADO



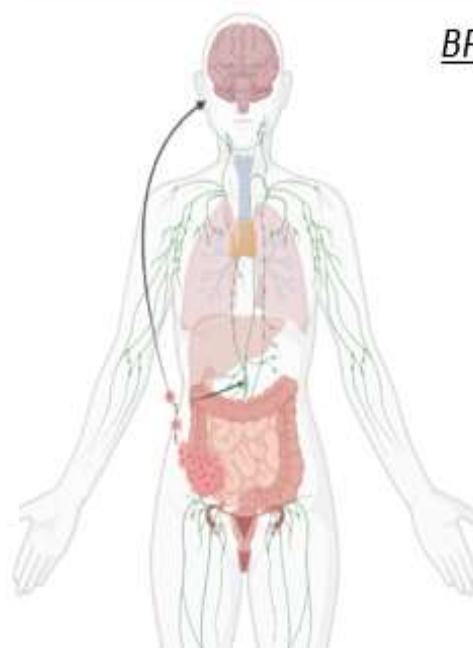
Disclosure information

- Employment: SALUD ARAGON, Hospital Universitario Miguel Servet. Zaragoza. Spain
- Consultant or Advisory Role or speaking: Merck, Incyte, Amgem, Takeda, Pierre Fabre, Servier.
- Accommodation expenses from: Servier, Amgem, Merck.

Genomic markers in metastatic CRC



Clinical and molecular features:



BRAF-V600E mutation clinical picture:

- Low prevalent mutation ($\approx 12\%$)
- Old females
- Right-sided
- High-grade, mucinous tumors
- **Co-occurrence with MSI (30%),**
- CpG island methylator phenotype
- Nodal, brain and peritoneal spread

Frequency of *BRAF* mutations in human cancers

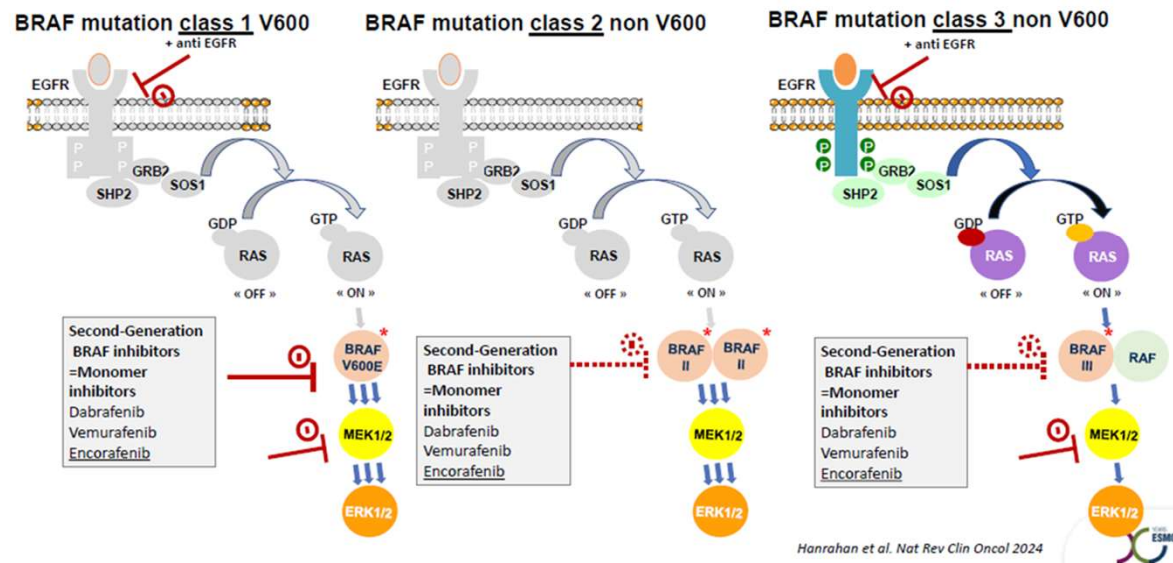
Relative prevalence of *BRAF* mutation by type and by cancer type.

Cancer types	N of tumors sequenced	BRAF/ total N		Class 1, 2, 3 / ALL BRAF		
		BRAF (ALL)	CLASS 1	CLASS 2	CLASS 3	
Melanoma	3203	1271 39,7%	985 77,5%	160 12,5%	101 7,9%	
Thyroid carcinoma	496	165	161	4	0	
Multiple myeloma	39	6	3	1	2	
Small intestinal malignancies	742	66	11	18	33	
Colorectal adenocarcinoma	14,680	1280 8,7%	1012 79,06%	80 6,25%	171 13,35%	
Cancer of unknown primary	2894	120	68	22	25	
Non-small cell lung cancer	18,944	772 4,07%	237 30,7%	264 34,2%	237 30,7%	

Owsley J et al., Prevalence of class I-III *BRAF* mutations among 114,662 cancer patients in a large genomic database
Med (Maywood). 2021 Jan;246(1):31-39.

BRAF inhibitors

3 classes of *BRAF* mutations

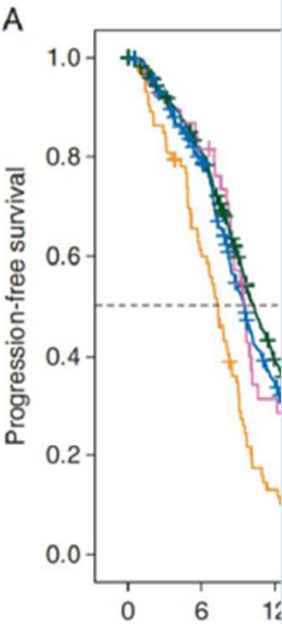




FACTOR PRONOSTICO DESFAVORABLE

Prognostic Im ***BRAF* mt mCRC is associated with poor survival¹**

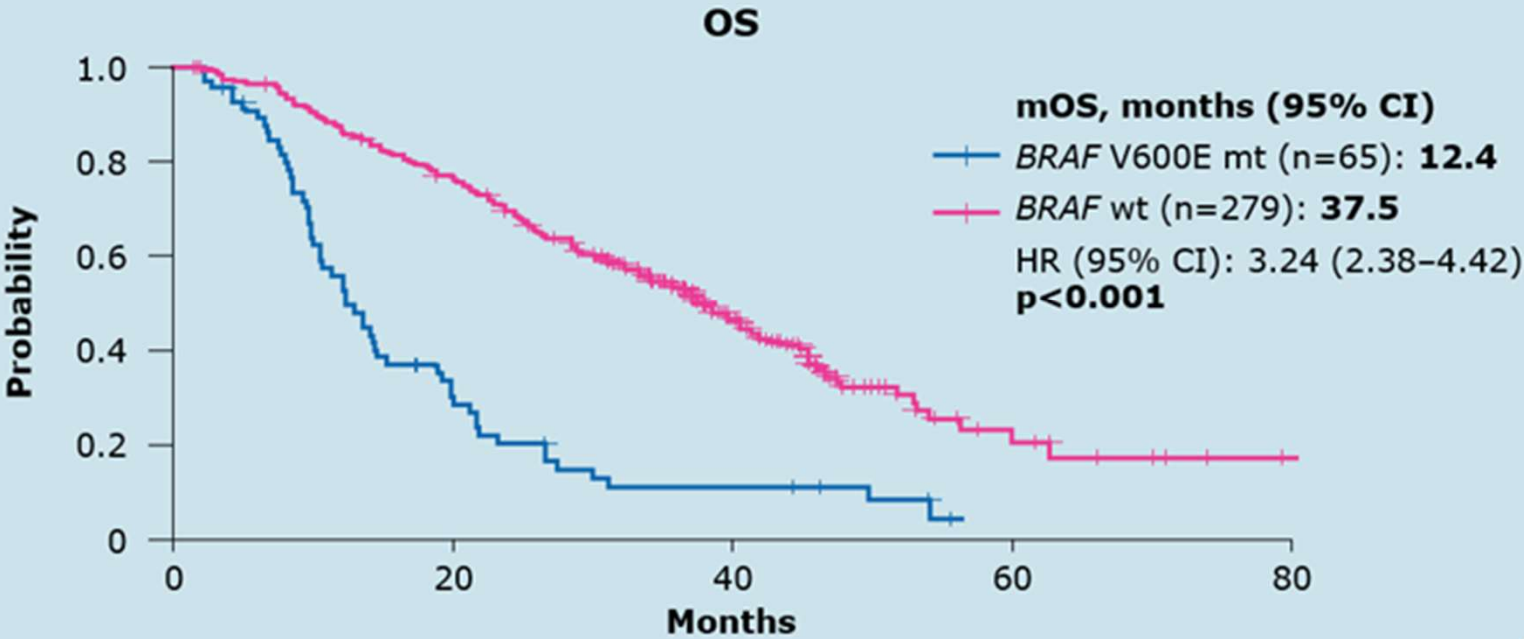
• Pooled analysis of 5



Modest DP, et al. Ann Oncol 2016;27

Multicenter, prospective, observational J-BROS study

Patients underwent 1L systemic CT-based therapy according to investigator's choice
(the majority received CT + anti-EGFR agent or bevacizumab)¹



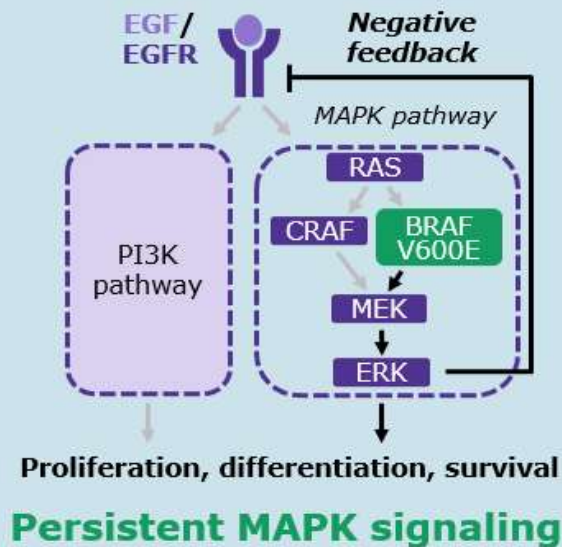


The rationale of combining anti-EGFR agents with BRAF inhibitors is to prevent feedback activation^{1,2}

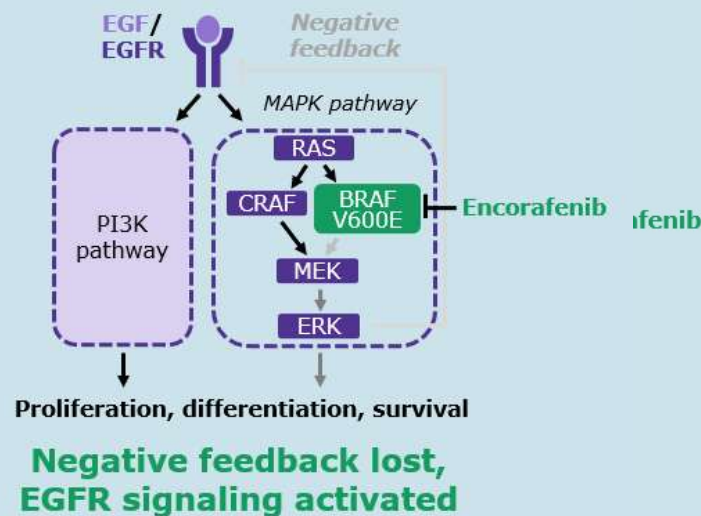


BRAF inhibition alone has limited activity in *BRAF* mt mCRC because of pathway reactivation through EGFR signaling²

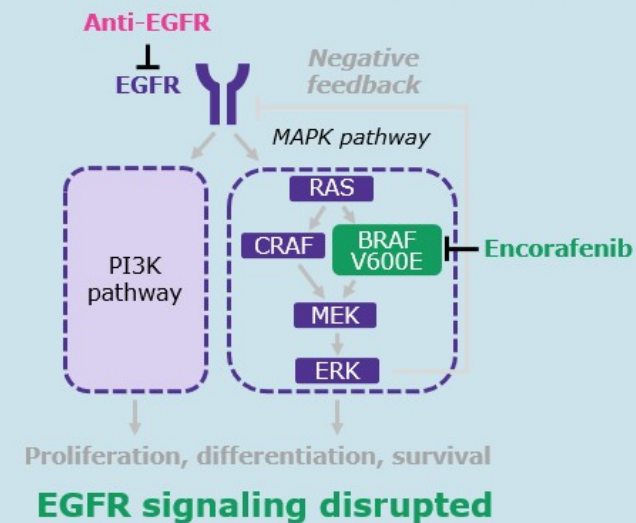
1. Mutated *BRAF*



2. BRAF V600E mt inhibited



3. EGFR and BRAF V600E mt inhibited





“STANDAR OF CARE” EN ENFERMEDAD REFRACTARIA

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BEACON CRC: Study design

Phase III, randomised, international open-label study of encorafenib + cetuximab ± binimetinib vs investigator's choice of FOLFIRI + cetuximab or irinotecan + cetuximab in patients with *BRAF*^{V600E}-mutant mCRC¹⁻³

Phase III (N=665)^{2,3}

Safety lead-in (N=30)¹

Encorafenib
300 mg PO daily

Binimetinib
45 mg PO BID

Cetuximab
Standard weekly dose*

R

1:1:1†

**Encorafenib + binimetinib
+ cetuximab[‡]**
(n=224)

Encorafenib + cetuximab
(n=220)

Control[¶]
(Investigator's choice; n=221)

Primary endpoints^{2,3}

Triplet vs control

OS

ORR per RECIST v1.1 by BICR[§]

Key secondary endpoints^{2,3}

Doublet vs control

OS

All randomised patients

PFS

DoR

Safety



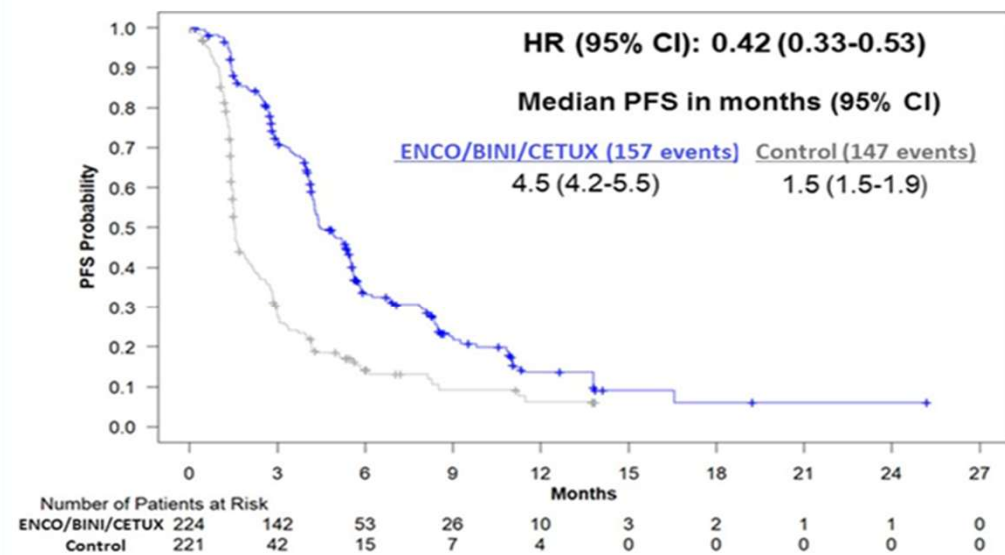
BEACON CCR

Objective Response Rate (First 331 Randomized Patients)

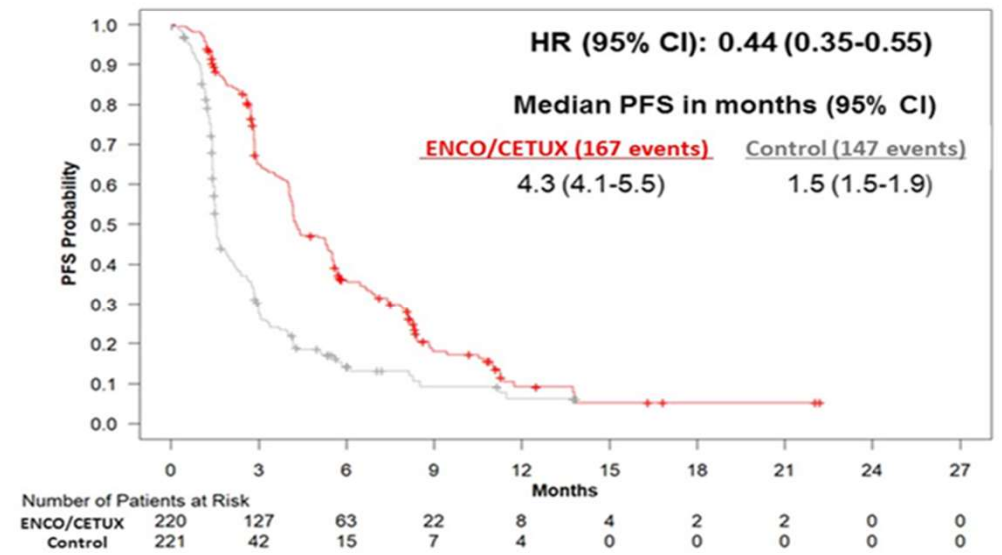
Confirmed Response by blinded central review	ENCO/BINI/CETUX N=111	ENCO/CETUX N=113	Control N=107
Objective Response Rate	26%	20%	2%
95% (CI)	(18%, 35%)	(13%, 29%)	(<1%, 7%)
p-value vs. Control	<0.0001	<0.0001	

Updated Progression Free Survival*

ENCO/BINI/CETUX vs Control



ENCO/CETUX vs Control

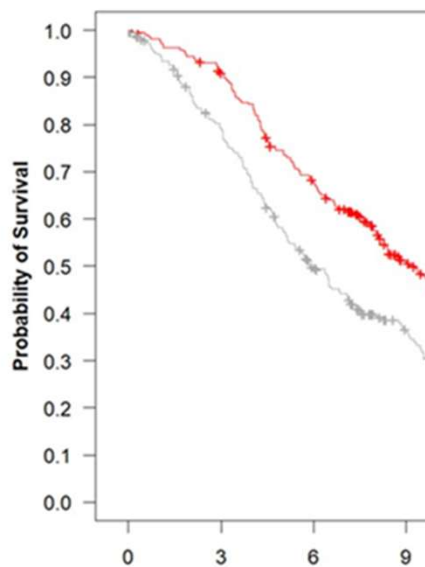




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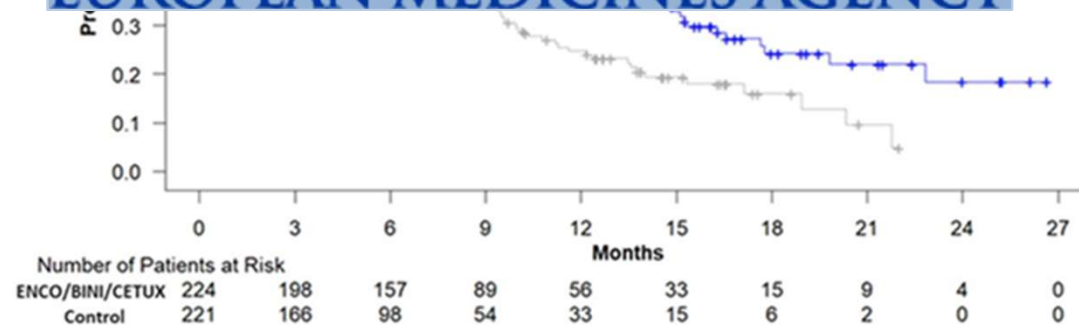
Updated Overall Survival: ENCO/CETUX vs Control



Number of Patients at Risk		0	3	6	9
ENCO/CETUX	220	197	143	83	
Control	221	166	98	54	

Months		0	3	6	9	12	15	18	21	24	27
ENCO/CETUX	220	197	143	83	47	28	13	7	2	0	0
Control	221	166	98	54	33	15	6	2	0	0	0

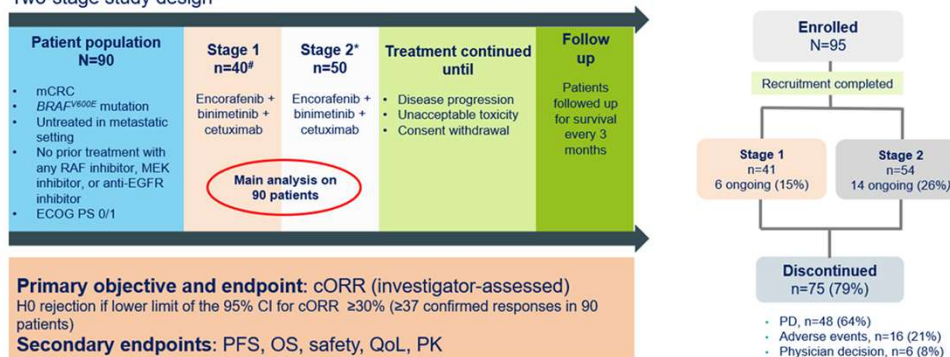
Updated Overall Survival: ENCO/BINI/CETUX vs Control



Moving targeted therapy to the first line:

ANCHOR CRC: Phase II study in 1L *BRAF*^{V600E}-mutant mCRC

Two-stage study design¹



Targeted therapy 1st line:

ORR: 47%

mPFS: 5,8 months

mOS: 18,3 months

TRIBE trial: FOLFIRI-BVZ vs FOLFOXIRI-BVZ

	Overall survival			Progression-free survival			Best response		
	Median (months)	Hazard ratio	p value	Median (months)	Hazard ratio	p value	Overall response	Odds ratio	p value
Intention-to-treat population									
FOLFIRI plus bevacizumab (n=256)	25.8 (22.5-29.1)	0.80 (0.65-0.98)	0.03	9.7 (9.2-10.9)	0.77 (0.65-0.93)	0.006	139 (54%)	1.59 (1.10-2.28)	0.013
FOLFOXIRI plus bevacizumab (n=252)	29.8 (26.0-34.3)	-	-	12.3 (11.0-13.3)	-	-	164 (65%)	-	-
Extended RAS and BRAF subgroup population									
FOLFIRI plus bevacizumab (n=176)	24.9 (21.1-29.1)	0.84 (0.66-1.07)	0.16	9.8 (9.2-11.7)	0.80 (0.64-0.99)	0.042	98 (56%)	1.46 (0.94-2.26)	0.089
FOLFOXIRI plus bevacizumab (n=181)	28.6 (25.4-33.6)	-	-	12.1 (10.5-13.2)	-	-	117 (65%)	-	-
RAS and BRAF wild-type subgroup									
FOLFIRI plus bevacizumab (n=45)	33.5 (22.3-39.7)	0.77 (0.46-1.27)	0.53*	12.2 (9.5-14.4)	0.85 (0.55-1.30)	0.68*	27 (60%)	1.17 (0.50-2.75)	0.63*
FOLFOXIRI plus bevacizumab (n=48)	41.7 (30.1-53.1)	-	-	13.7 (10.1-18.1)	-	-	31 (65%)	-	-
BRAF mutation-positive subgroup									
FOLFIRI plus bevacizumab (n=12)	10.7 (3.1-24.8)	0.54 (0.24-1.20)	-	5.5 (1.6-11.2)	0.57 (0.27-1.23)	-	5 (42%)	1.82 (0.38-8.78)	-
FOLFOXIRI plus bevacizumab (n=16)	19.0 (8.2-28.6)	-	-	7.5 (5.1-15.0)	-	-	9 (56%)	-	-
RAS mutation-positive subgroup									
FOLFIRI plus bevacizumab (n=119)	23.9 (20.5-27.9)	0.88 (0.65-1.18)	-	9.5 (8.8-11.1)	0.78 (0.60-1.02)	-	66 (55%)	1.55 (0.91-2.62)	-
FOLFOXIRI plus bevacizumab (n=117)	27.3 (22.0-31.3)	-	-	12.0 (10.3-13.2)	-	-	77 (66%)	-	-
RAS wild-type subgroup									
FOLFIRI plus bevacizumab (n=57)	26.8 (20.5-35.9)	0.78 (0.53-1.20)	0.66†	11.0 (9.0-12.4)	0.84 (0.58-1.21)	0.77†	32 (56%)	1.28 (0.61-2.69)	0.66†
FOLFOXIRI plus bevacizumab (n=64)	37.1 (24.1-42.7)	-	-	12.8 (9.6-16.0)	-	-	40 (63%)	-	-

BRAF mutated subgroup:

ORR: 56%

mPFS: 7,5 months

mOS: 19 months



How can we optimize outcomes of targeted therapy?



The sooner the better

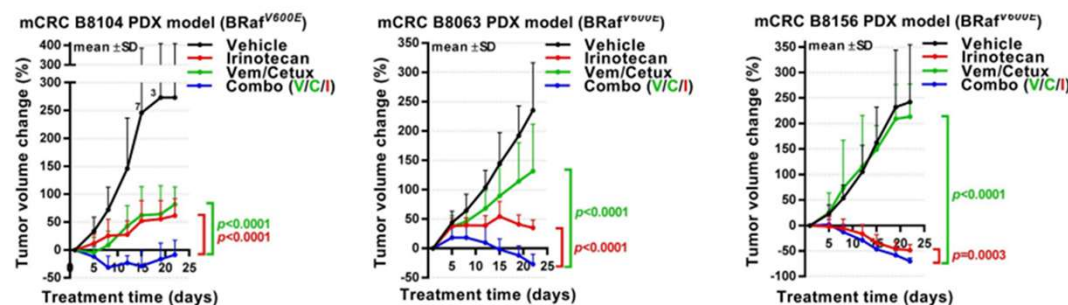


Overcoming resistance

- Combination with other agents?
 - other targeted therapy?
 - chemotherapy?
 - ICI?
- Other mechanisms of targeting?

Concurrent chemotherapy may improve responses to BRAF + EGFR

PDX models from on-study biopsies from responding patients on S1406



Benefit from BRAF/EGFR

Regression with the triplet

Modest benefit from BRAF/EGFR

Regression with the triplet

No benefit from BRAF/EGFR

Regression with the triplet

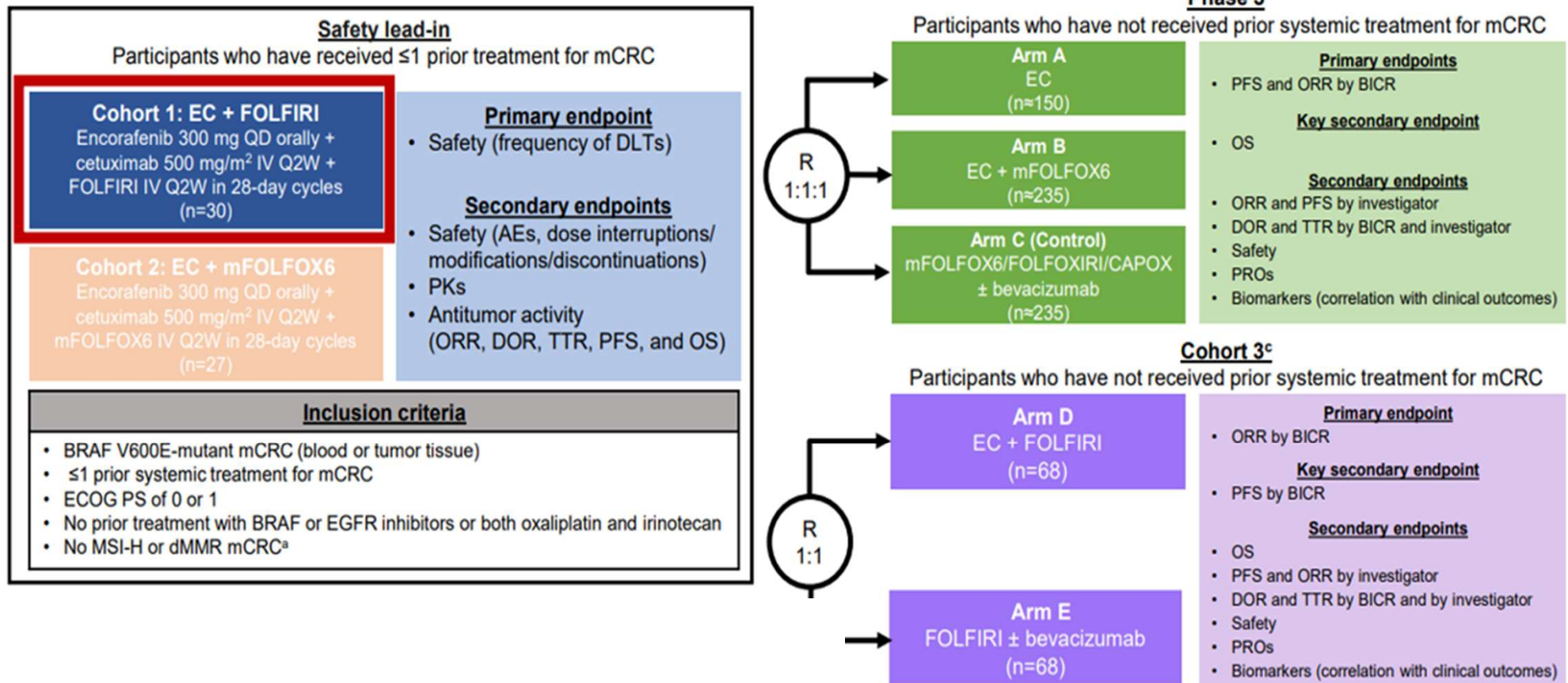
Randomized Trial of Irinotecan and Cetuximab With or Without Vemurafenib in BRAF-Mutant Metastatic Colorectal Cancer (SWOG S1406) Scott Kopetz et al. J Clin Oncol. 2020 Dec 23;39(4):285–294

BREAKWATER TRIAL

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Study Design and Methods



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Figure 2: Best Percentage Change

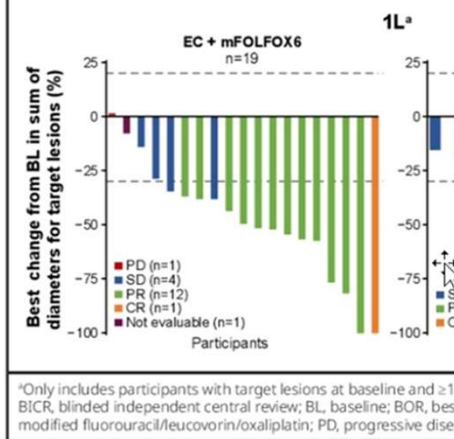
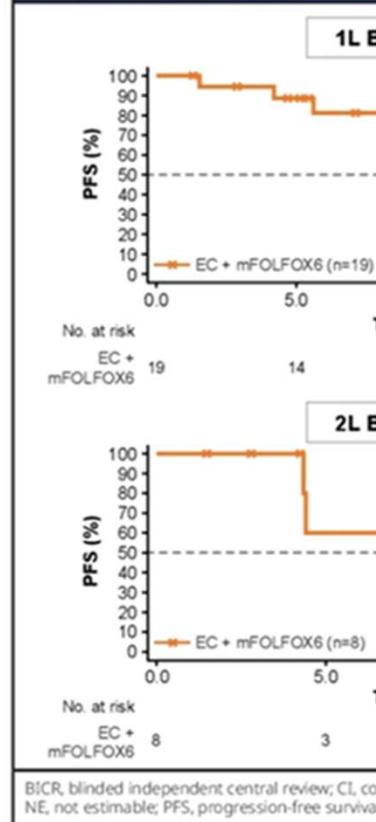
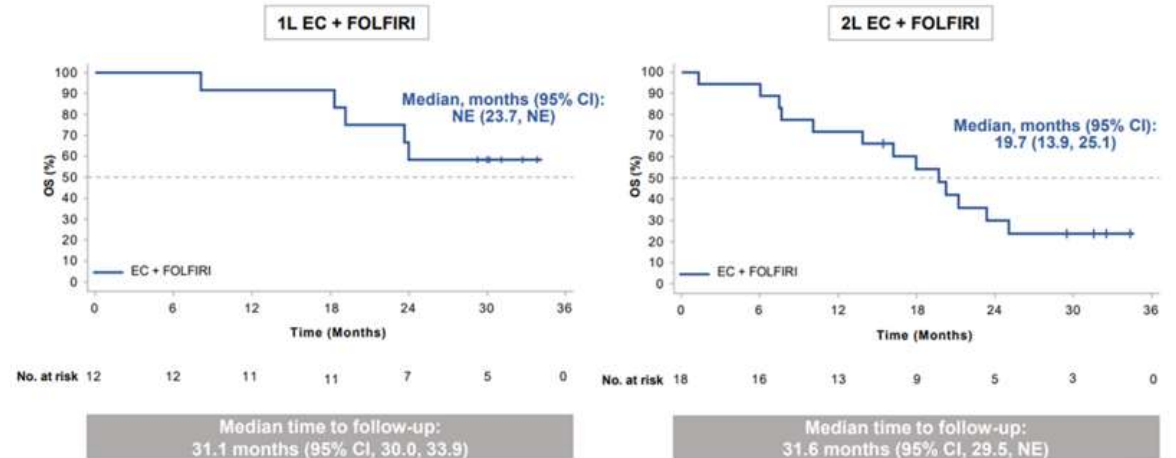


Figure 3: PFS by BICR



EC + FOLFIRI		
	1L (n=12)	2L (n=18)
Best overall response, n (%) ^{a,b}		
CR	2 (16.7)	1 (5.6)
PR	8 (66.7)	7 (38.9)
SD	1 (8.3)	7 (38.9)
Non-CR/non-PD	1 (8.3)	2 (11.1)
PD	0	0
Not evaluable	0	1 (5.6) ^c
ORR (CR + PR), n (%) ^b	10 (83.3)	8 (44.4)
95% CI ^d	55.2, 95.3	24.6, 66.3
Median DOR, months ^{b,e}	NE	12.5
95% CI ^f	12.4, NE	5.5, NE
Median PFS, months ^b	NE	12.6
95% CI ^f	13.8, NE	6.9, 18.0

Overall Survival by Line of Therapy



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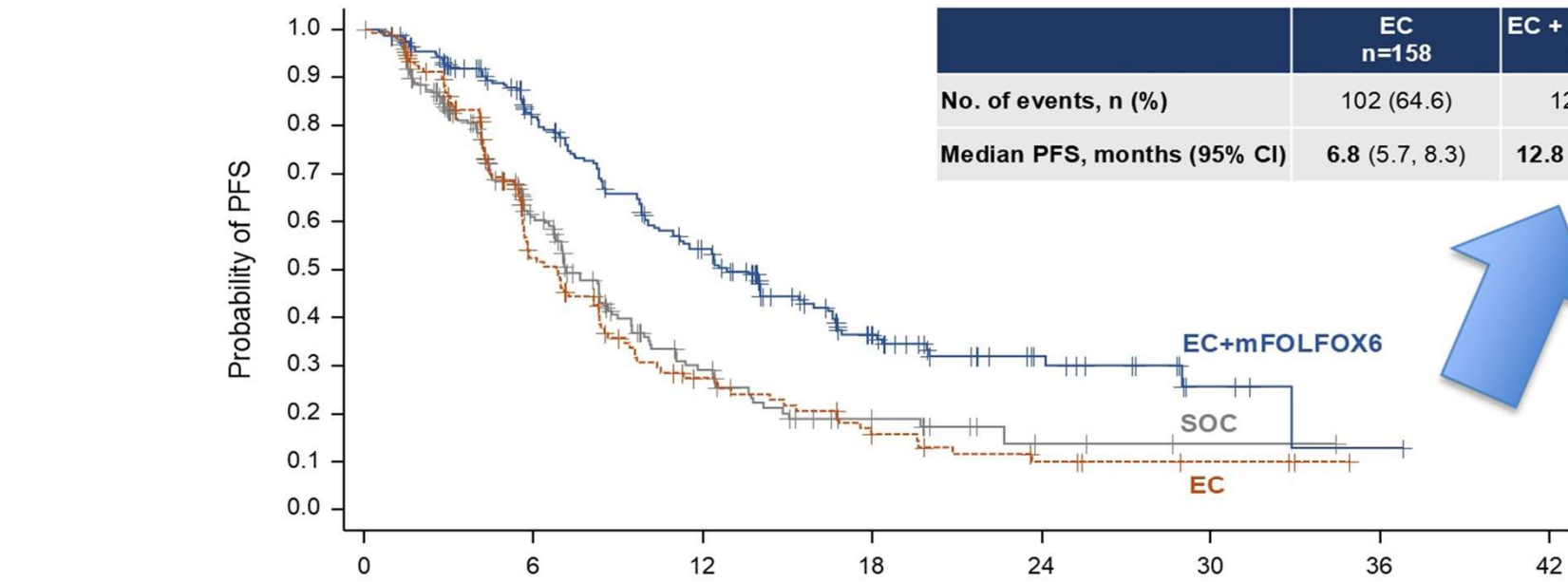
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/ [FDA grants accelerated approval to encorafenib with cetuximab and mFOLFOX6 for metastatic colorectal cancer with a BRAF V600E mutation](#)

FDA grants accelerated approval to encorafenib with cetuximab and mFOLFOX6 for metastatic colorectal cancer with a BRAF V600E mutation



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PFS by BICR (All Arms)



No. at risk							
EC	158	60	24	12	6	3	0
EC+mFOLFOX6	236	156	96	39	16	4	1
SOC	243	100	34	11	3	1	0

Data cutoff: January 6, 2025.

Subgroup Analysis of PFS by BICR (EC + mFOLFOX6 and SOC)

Subgroup	No. of events/no. of patients		Hazard ratio (95% CI)
	EC + mFOLFOX6	SOC	
All patients	122/236	132/243	0.53 (0.41, 0.68)
Stratified	122/236	132/243	0.51 (0.40, 0.65)
Unstratified			
Age			
<65 years	78/150	71/139	0.51 (0.37, 0.71)
≥65 years	44/86	61/104	0.51 (0.34, 0.75)
Sex			
Male	59/123	63/119	0.50 (0.35, 0.72)
Female	63/113	69/124	0.53 (0.37, 0.75)
ECOG PS at baseline			
0	60/131	74/136	0.43 (0.30, 0.61)
1	62/105	58/107	0.63 (0.44, 0.90)
No. of organs involved at baseline per BICR			
≤2	52/119	66/127	0.40 (0.28, 0.58)
≥3	70/117	66/116	0.64 (0.45, 0.90)
Side of tumor			
Left	51/90	53/98	0.49 (0.33, 0.73)
Right	71/146	79/145	0.52 (0.37, 0.72)
Liver metastases at baseline per BICR			
Yes	87/147	85/160	0.60 (0.44, 0.81)
No	35/89	46/83	0.36 (0.23, 0.57)

Data cutoff: January 6, 2025.
EC + mFOLFOX6 vs SOC



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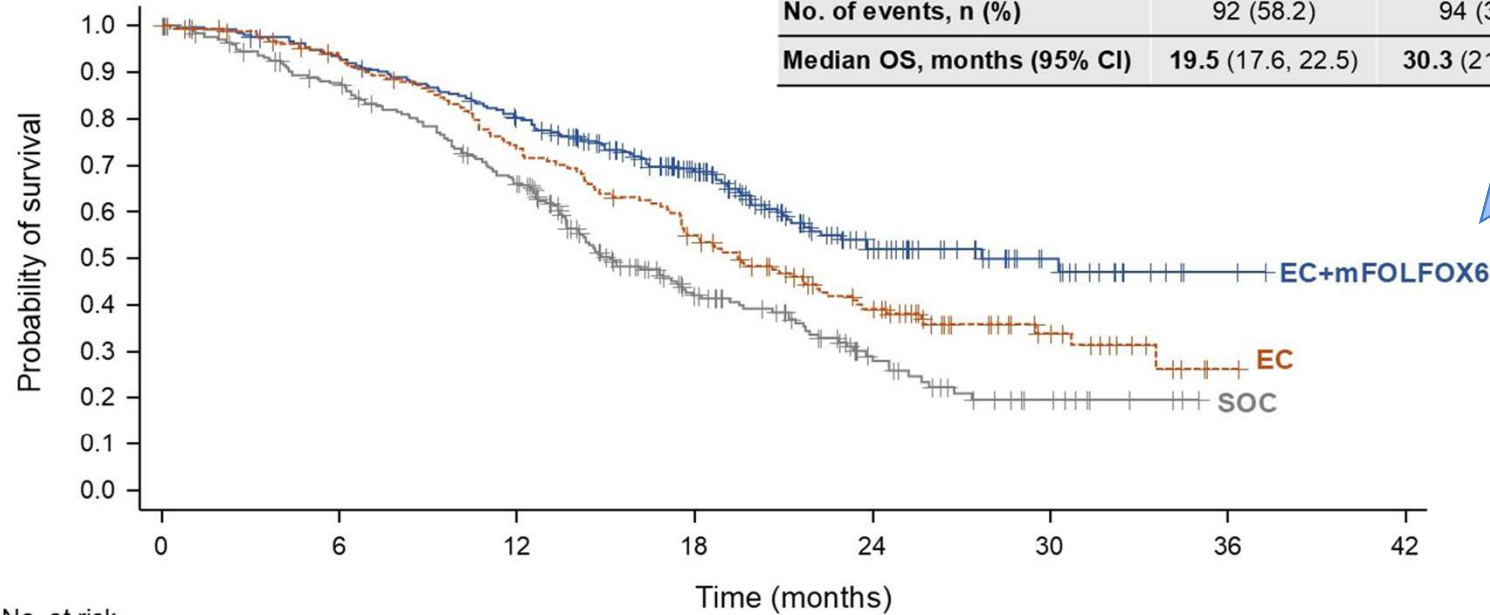
OS (All Arms)

Subgroup Analysis of OS (EC + mFOLFOX6 and SOC)

Subgroup	No. of events/no. of patients		Hazard ratio (95% CI)
	EC + mFOLFOX6	SOC	
All patients	94/236	148/243	0.49 (0.38, 0.63)
Stratified	94/236	148/243	0.48 (0.37, 0.62)
Unstratified			
Age			
<65 years	55/150	85/139	0.44 (0.31, 0.62)
≥65 years	39/86	63/104	0.54 (0.36, 0.82)
Sex			
Male	54/123	71/119	0.59 (0.42, 0.85)
Female	40/113	77/124	0.38 (0.26, 0.56)
ECOG PS at baseline			
0	42/131	76/136	0.42 (0.29, 0.62)
1	52/105	72/107	0.54 (0.38, 0.77)
No. of organs involved at baseline per BICR			
≤2	32/119	66/127	0.39 (0.25, 0.59)
≥3	62/117	82/116	0.52 (0.38, 0.73)
Side of tumor			
Left	38/90	62/98	0.48 (0.32, 0.72)
Right	56/146	86/145	0.49 (0.35, 0.68)
Liver metastases at baseline per BICR			
Yes	73/147	104/160	0.58 (0.43, 0.78)
No	21/89	44/83	0.31 (0.18, 0.52)

Data cutoff: January 6, 2025.
BICR, blinded independent central review; EC, encastré plus cétuximab.

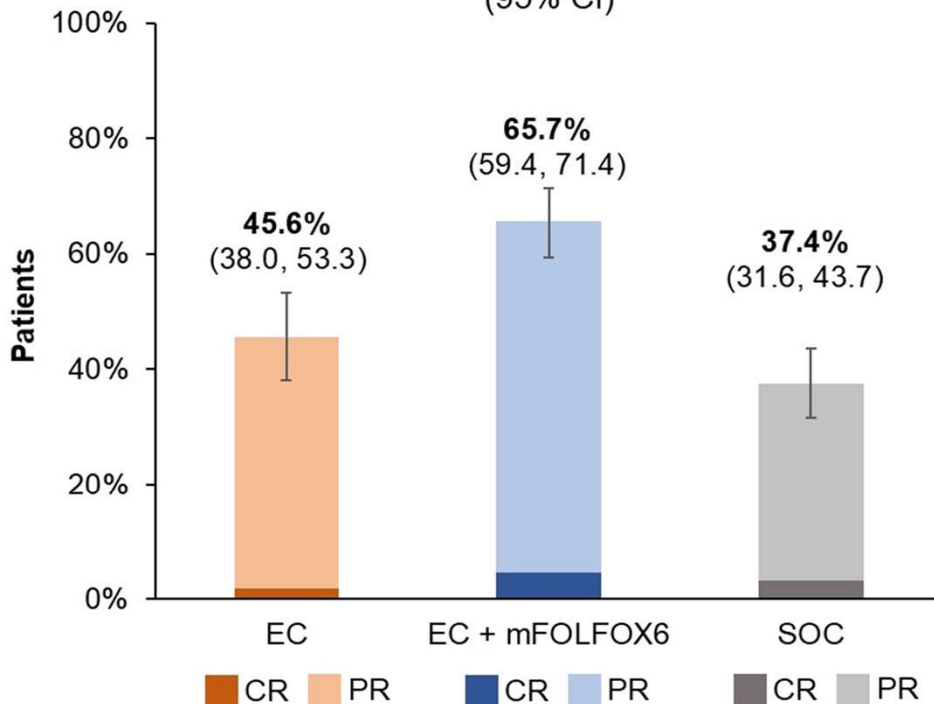
	EC n=158	EC + mFOLFOX6 n=236	SOC n=243
No. of events, n (%)	92 (58.2)	94 (39.8)	148 (60.9)
Median OS, months (95% CI)	19.5 (17.6, 22.5)	30.3 (21.7, NE)	15.1 (13.7, 17.7)



No. at risk								
EC	158	137	107	78	44	16	1	0
EC+mFOLFOX6	236	216	182	121	48	17	2	0
SOC	243	202	147	64	27	9	0	0

Best Overall Response by BICR

Confirmed ORR by BICR
(95% CI)

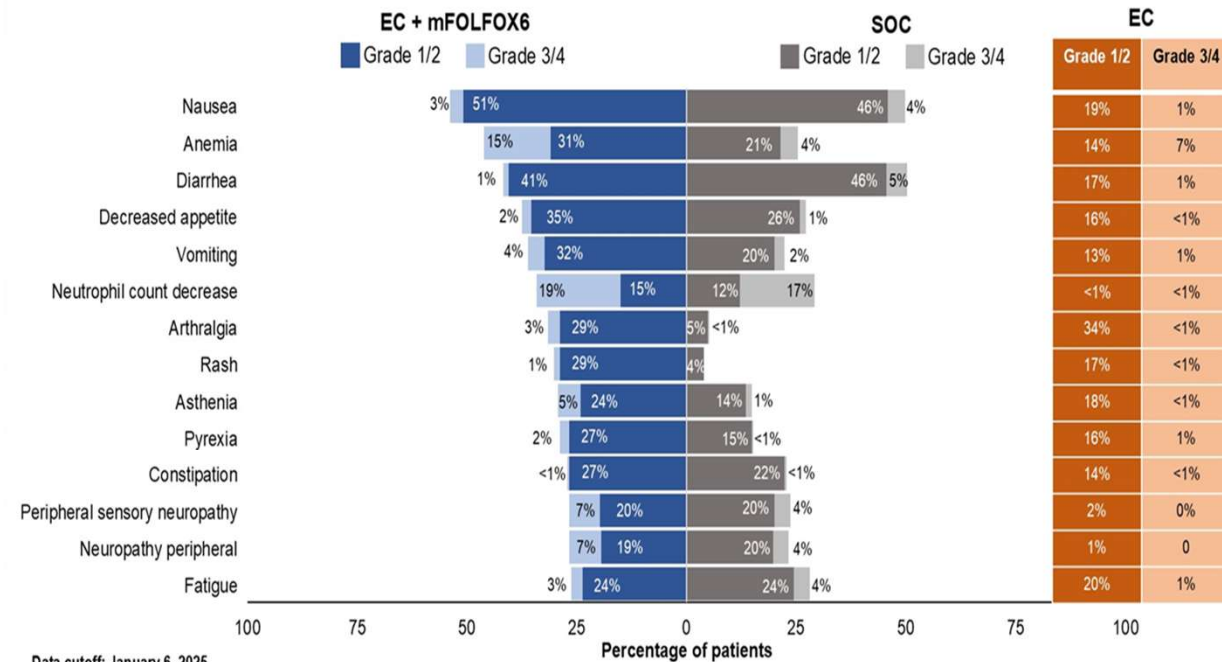


Data cutoff: January 6, 2025.

^aNon-CR/PD: 7 (4.4%), 5 (2.1%), and 9 (3.7%), respectively; not evaluable: 10 (6.3%), 18 (7.6%), and 37 (15.2%), respectively.

BICR, blinded independent central review; CR, complete response; DOR, duration of response; EC, encorafenib plus cetuximab; mFOLFOX6, modified fluorouracil/leucovorin/oxaliplatin; PD, progressive disease; PR, partial response; SD, stable disease; SOC, standard of care; TTR, time to response.

Most Frequent ($\geq 25\%$)^a All-Causality TEAEs



Data cutoff: January 6, 2025.



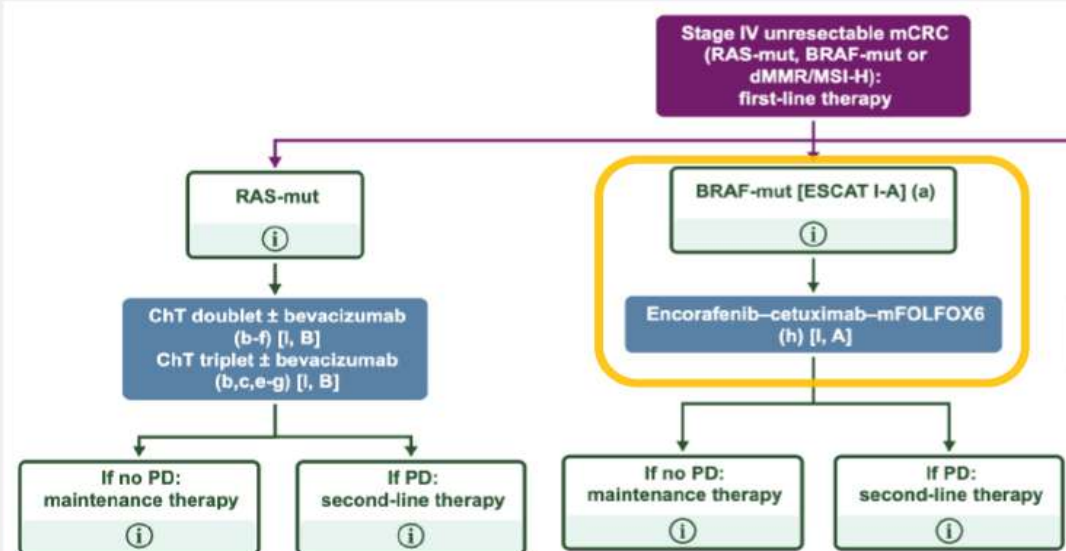
The NEW ENGLAND
JOURNAL of MEDICINE

ORIGINAL ARTICLE

Encorafenib, Cetuximab, and mFOLFOX6 in BRAF-Mutated Colorectal Cancer

E. Elez,^{1,2} T. Yoshino,³ L. Shen,⁴ S. Lonardi,⁵ E. Van Cutsem,^{6,7} C. Eng,⁸ T.W. Kim,⁹
H.S. Wasan,¹⁰ J. Desai,^{11,12} F. Ciardiello,¹³ R. Yaeger,¹⁴ T.S. Maughan,¹⁵
V.K. Morris,¹⁶ C. Wu,¹⁷ T. Usari,¹⁸ R. Laliberte,¹⁹ S.S. Dychter,²⁰ X. Zhang,²¹
J. Tabernero,^{1,2,22} and S. Kopetz,¹⁶ for the BREAKWATER Trial Investigators*

ESMO mCRC Living Guidelines



www.esmo.org/guidelines
V 1.3-July 2025

Sharlene Gill, MD

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BASELINE BRAF V600E ctDNA

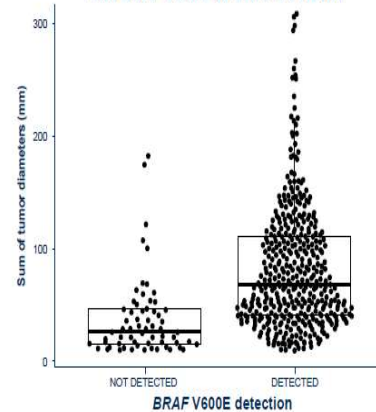
There was high concordance between BRAF V600E ctDNA and tumor tissue testing and there may be a correlation between high tumor burden and BRAF V600E detection in ctDNA at baseline

ctDNA vs tumor BRAF V600E detection

n (%)		Central BRAF V600E test (tumor tissue) ^b	
		Detected n=480	Not detected n=6
BRAF V600E ctDNA test ^a n=494	Detected n=425 ^b	419 (84.8)	0
	Not detected n=69 ^b	61 (12.3)	6 (1.2)

Overall agreement: 87.4%^c

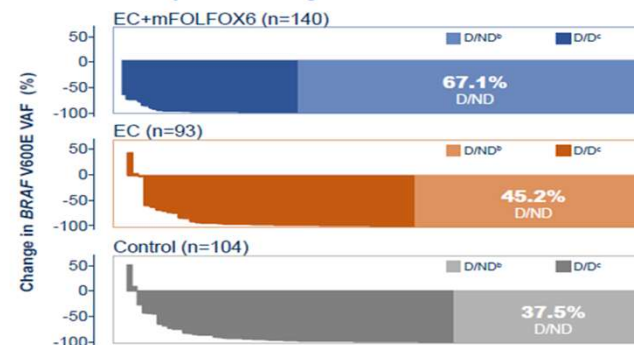
Correlation of baseline tumor burden and BRAF V600E detection in ctDNA



CHANGE IN BRAF V600E VAF STATUS AT C2D15^a

More patients in the EC+mFOLFOX6 arm had undetectable BRAF V600E VAF at C2D15 versus control, and undetectable BRAF V600E ctDNA at C2D15 correlates with longer OS

Waterfall plot of change in BRAF V600E VAF status



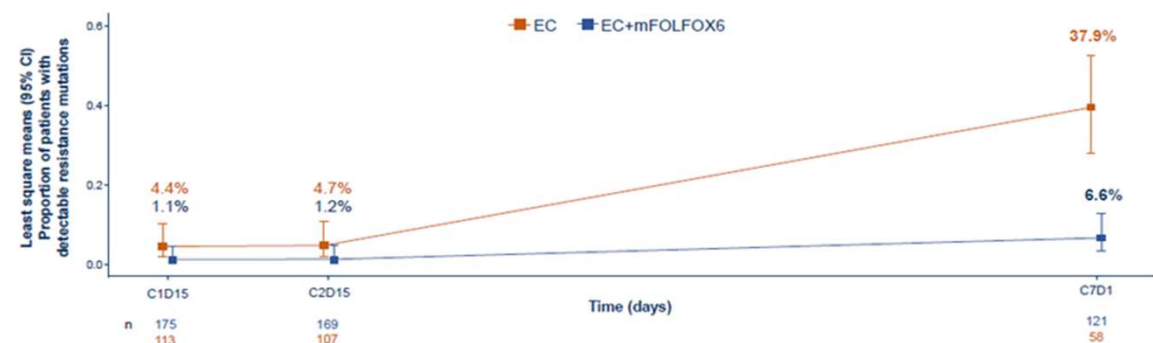
OS by change in BRAF V600E VAF status

	D/ND ^b	D/D ^c
EC+mFOLFOX6	n=94	n=46
Median OS (95% CI)	NE (21.1, NE)	16.2 (11.3, 19.1)
Hazard ratio	0.30	–
EC	n=42	n=51
Median OS (95% CI)	25.7 (17.6, NE)	14.6 (10.7, 18.2)
Hazard ratio	0.36	–
Control	n=39	n=65
Median OS (95% CI)	21.4 (16.8, NE)	14.3 (12.7, 17.6)
Hazard ratio	0.50	–

EMERGENCE OF GENOMIC RESISTANCE MECHANISMS

EC in combination with mFOLFOX6 vs EC alone results in fewer patients acquiring known genomics resistance alterations at C7D1

Proportion of patients with detectable acquired genomic resistance alterations by visit
Resistance mutations included: KRAS, NRAS, MAP2K1, MET amplification, BRAF exon deletion





**¿ hay algo más allá de
BREAKWATER?**

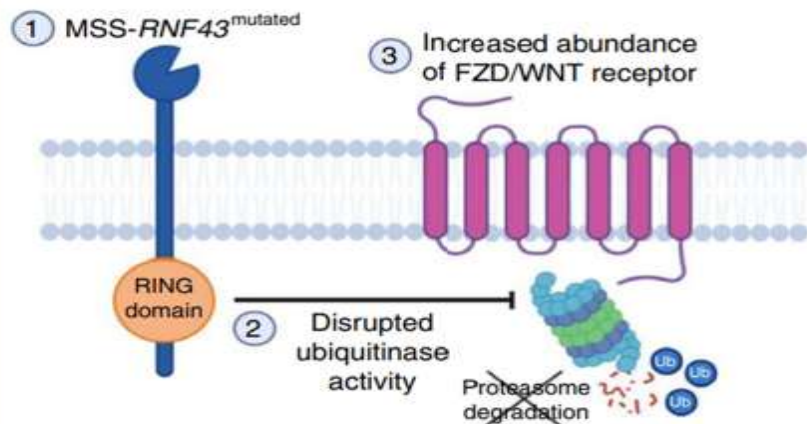
FACTORES PREDICTIVOS DE RESPUESTA a iBRAF: RNF43

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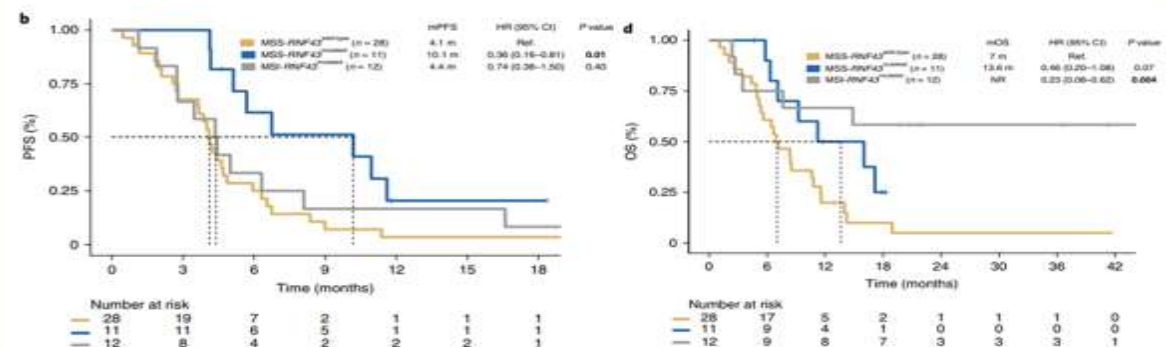
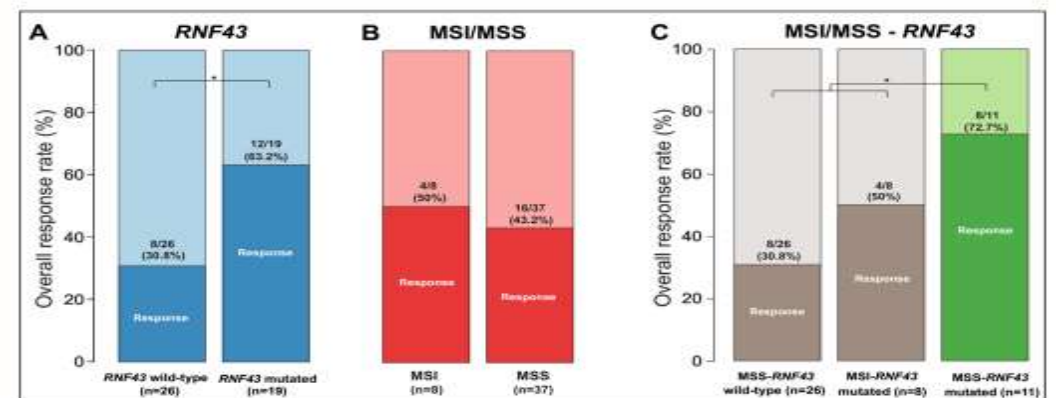
11 - 12 DE DICIEMBRE DE 2025 OVIEDO

- RNF43 is a ubiquitin ligase that regulates negatively Wnt pathway.
- When RNF43 is inactivated or mutated, Wnt/ β -catenin signaling is potentiated, activating the MAPK pathway.
- RNF43 mutations result in increased sensitivity to BRAF inhibitors + anti-EGFR antibodies.

Development of predictive biomarkers:



RNF43 is a tumor suppressor gene, involved in suppression of the WNT- β -catenin pathway through promoting the degradation of FZD/WNT receptors

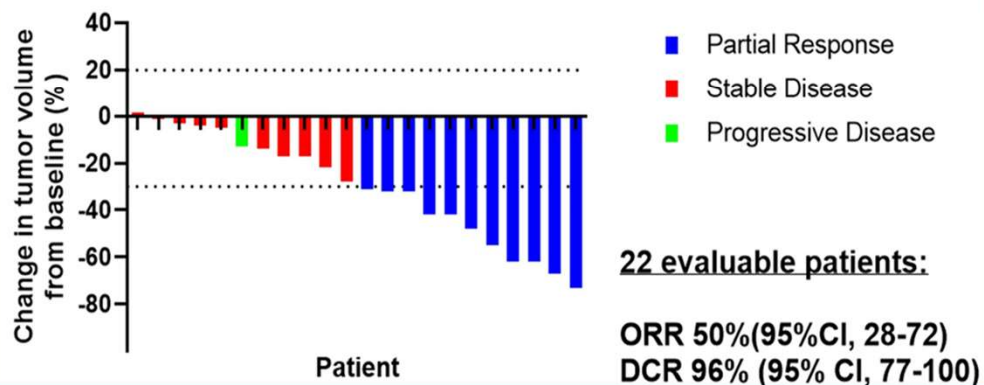




NOVEDADES EN EL ESCENARIO REFRACTARIO CON TERAPIA DIRIGIDA EN BRAF MUTADO

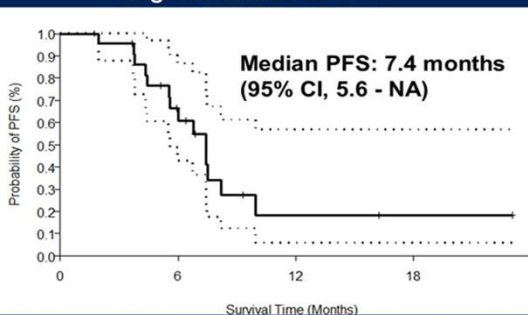
Phase I/II trial of encorafenib, cetuximab, and nivolumab in patients with microsatellite stable, *BRAF*^{V600E} metastatic colorectal cancer

Overall response: encorafenib + cetuximab + nivolumab

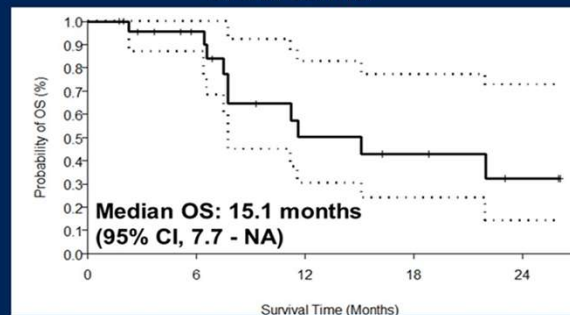


Survival outcomes: encorafenib + cetuximab + nivolumab

Progression-free survival



Overall survival

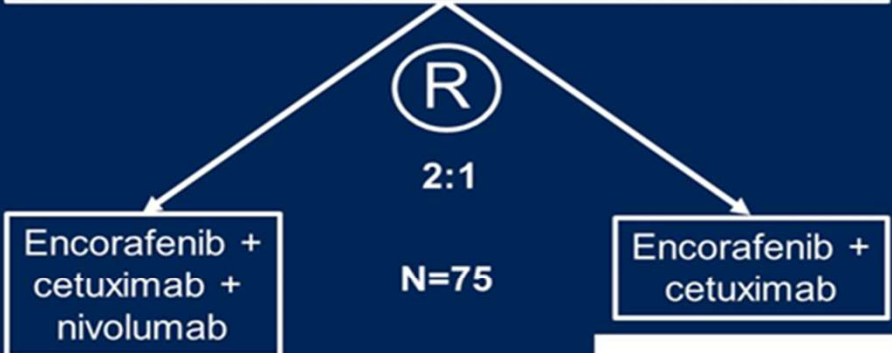


SWOG 2107



Pts with MSS, *BRAF*^{V600E} metastatic CRC, AND

- 1-2 prior lines of systemic therapy
- ECOG PS 0-1
- No prior (1) BRAF, MEK, ERK; (2) anti-EGFR; or (3) immune checkpoint therapy



SWOG
Leading cancer research. Together.

Accrual completed across US NCTN; read-out expected 2026.



NOVEDADES EN EL ESCENARIO REFRACTARIO CON TERAPIA DIRIGIDA EN BRAF MUTADO

XXXII SIMPOSIO INTERNACIONAL INTERNATIONAL SYMPOSIUM

11 - 12 DE DICIEMBRE DE 2025 OVIEDO

BRAVE, phase Ib/II trial

TTD



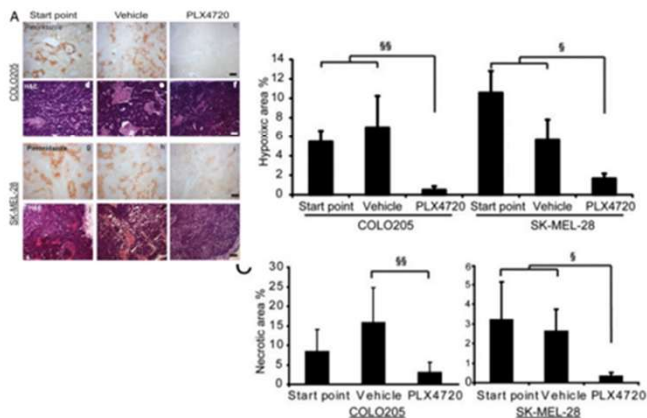
mCRC
MSS, BRAF V600E
1 or 2 previous lines

Encorafenib-
cetuximab-
bevacizumab

cerrado reclutamiento
recientemente N=50

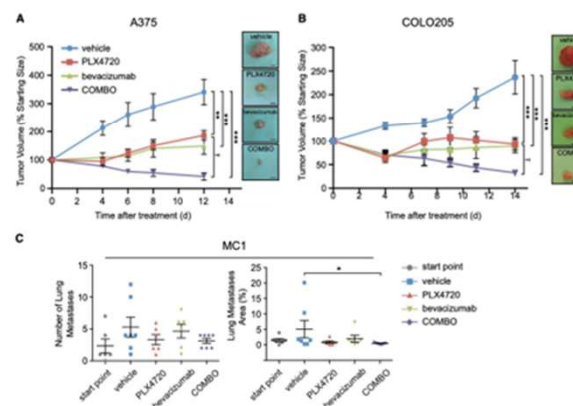
ANGIOGENESIS AND BRAF INHIBITION

Targeting oncogenic serine/threonine-protein kinase BRAF in cancer cells inhibits angiogenesis and abrogates hypoxia



Bottos A et al. PNAS 2012

VEGF blockade enhances the antitumor effect of BRAFV600E inhibition



Comunanza V et al. PNAS 2017

TTD



BRAF mutado V600E-MSI-H- SEAMARK

TPS3634

SEAMARK: Randomized Phase 2 Study of Pembrolizumab + Encorafenib + Cetuximab vs Pembrolizumab Alone for First-Line Treatment of *BRAF* V600E-Mutant Microsatellite Instability-High (MSI-H)/Mismatch Repair-Deficient (dMMR) Metastatic Colorectal Cancer (mCRC)

Scott Kopetz,¹ Tanios Bekali-Saab,² Takayuki Yoshino,³ Chin-Hee Chung,⁴ Xiaosong Zhang,⁴ Josep Tabernero⁵

¹MD Anderson Cancer Center, Houston, TX, USA; ²Mayo Clinic, Phoenix, AZ, USA; ³National Cancer Center Hospital East, Kashiwa, Japan; ⁴Pfizer, New York, NY, USA; ⁵Vall d'Hebron University Hospital and Vall d'Hebron Institute of Oncology, UVic-UCC, Barcelona, Spain

Patient Population

- Previously untreated stage IV mCRC
- Locally confirmed MSI-H/dMMR
- Locally confirmed *BRAF* V600E mutation in tumor tissue or blood
- Measurable disease per RECIST 1.1
- ECOG PS ≤ 1
- Adequate organ function

Randomization 1:1
(stratified by ECOG PS; 0 vs 1)

Open-Label, Multicenter, Randomized, Phase 2 (N=104)

Triplet arm (arm A)
Encorafenib
+ cetuximab
+ pembrolizumab
(n=52)

Control arm (arm B)
Pembrolizumab
(n=52)

Primary Endpoint

PFS per investigator according to RECIST 1.1

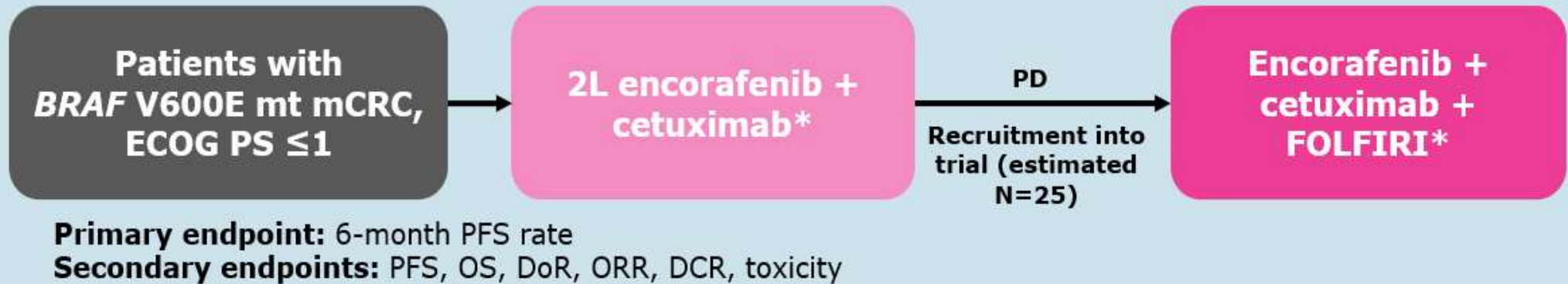
Secondary Endpoints

Safety and tolerability, OS, OR, DOR, and QOL

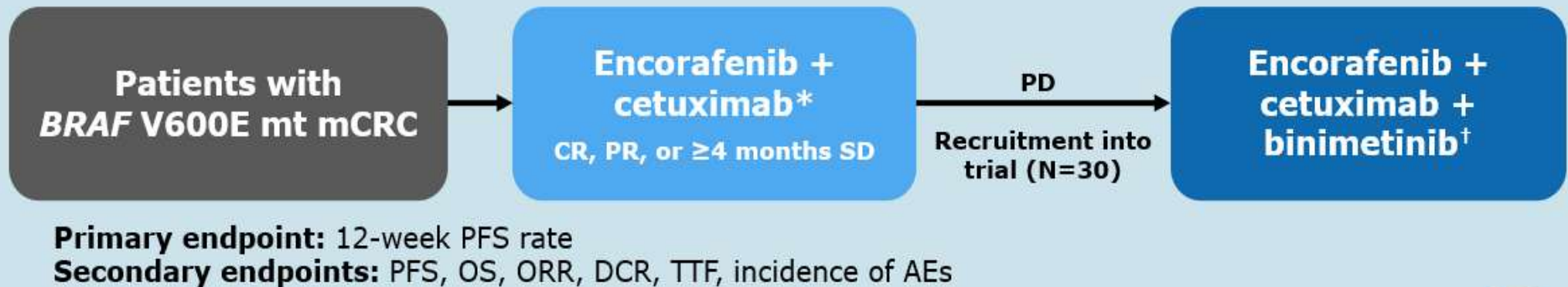
*CERRADO.
PENDIENTE DE
RESULTADOS*

ESTRATEGIAS DE MANTENIMIENTO EC A LA PROGRESION

Phase II ECLYPse trial^{1,2}



Phase II BAYONET trial³



1. EU Clinical Trials. Available at: <https://euclinicaltrials.eu/ctis-public/view/2023-508615-24-00> (last accessed October 2025); 2. NCT06640166. Available at:

Future Perspectives: ctDNA-informed Re-treatment

BRICKET

Phase 2 study in *BRAF*^{V600E}-mutant mCRC

Eligibility criteria

BRAF^{V600E}-mut
mCRC pts

Any line
encorafenib +
cetuximab
(+/-FOLFOX/FOLFIRI)

PD

One line of
BRAFi-free
therapy

PD

≥ 6 months

≥ 4 months

- At least a RECIST 1.1 **PR** or **SD with PFS ≥ 6 months**
- PD during or after the end of tx with encorafenib + cetuximab

- Time between the end of encorafenib + cetuximab and the start of re-treatment **≥ 4 months**

Study procedure

1st line

2nd line

3rd line

4th line

Metastatic disease

ctDNA analysis^a
(Assessment of RAS/
BRAF/MAP2K1
mut; MET ampl)

If no
alterations
in ctDNA

Encorafenib
+ cetuximab

Prospective collection of plasma samples at each CT scan re-assessment during the trial is planned for future analyses with research purpose

^aBy G360 CDx (CE-IVD).

CT, Computed tomography; ctDNA, circulating tumour DNA.

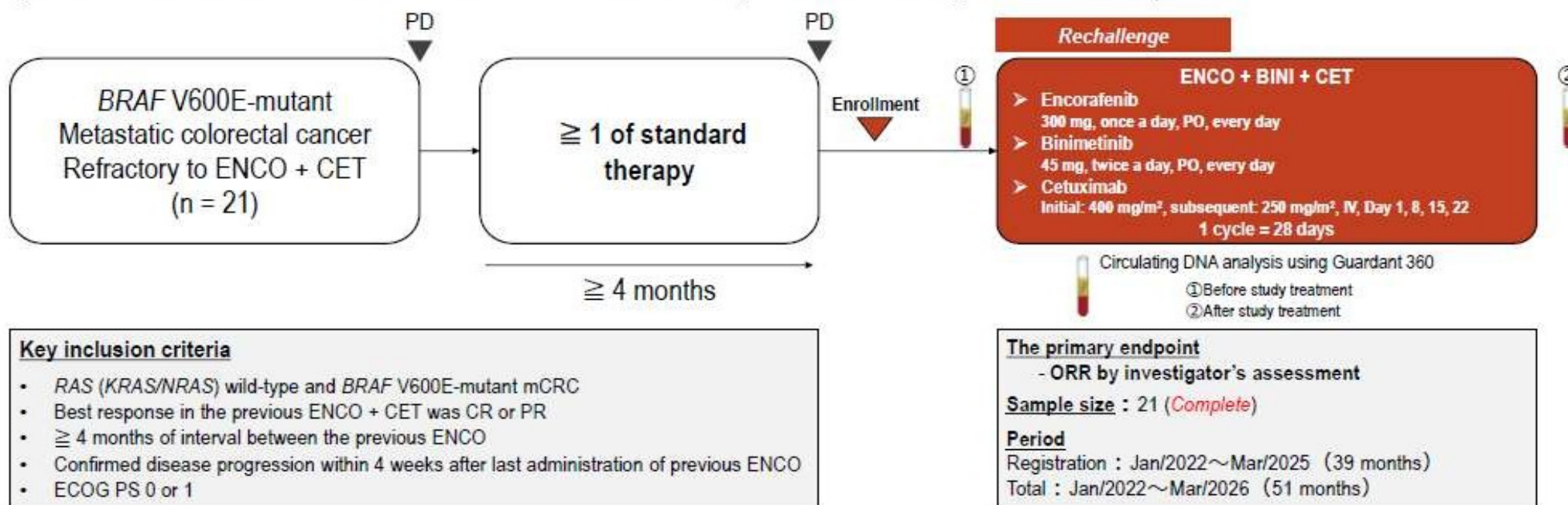
Takayuki YOSHINO, M.D. PhD.

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Slide adapted from Prof. C Cremolini's presentation at the 2024 ESMO Satellite Symposium

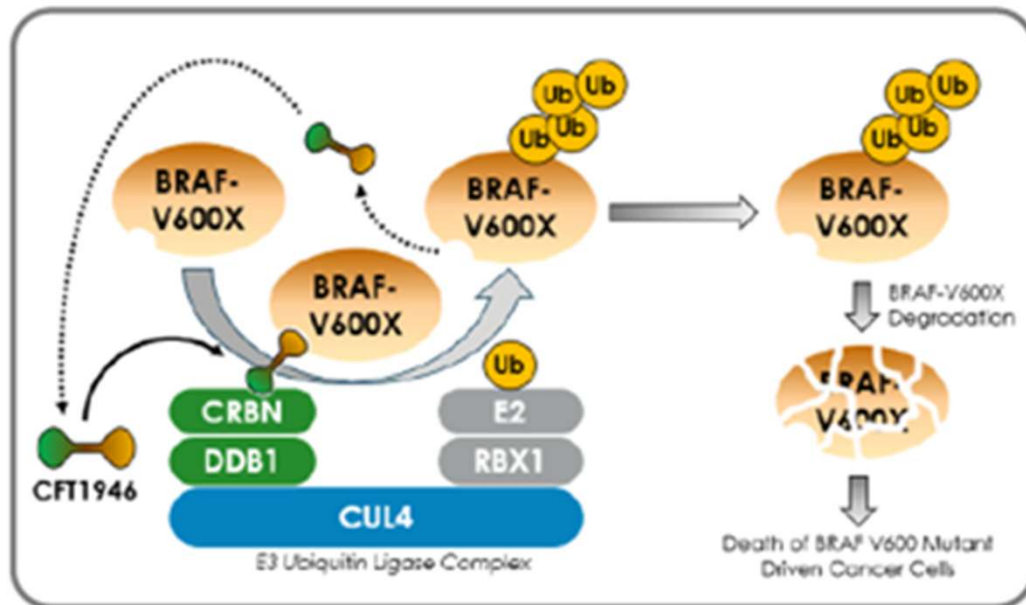
TRIDENTE trial; Rechallenge Strategy on BRAF Inhibitor

A single-arm, multicenter phase II trial designed to evaluate the efficacy and safety of the rechallenge with ENCO+BINI+CET for patients with *BRAF* V600E-mutant mCRC who were refractory to ENCO + CET (JRCTs031210511)



PROTACs (protein degraders)

Degradation of BRAF V600X with CFT1946



CFT1946 exploits cells' own proteasome machinery for targeted degradation of oncogenic BRAF V600X

CFT1946 binds to the mutant form of BRAF, to be destroyed by the proteasome, which slows down intracellular kinase activity, reducing tumor proliferation

CFT1946-1101: Study Design and Study Status

Phase 1 trial in BRAF V600 Mutant Solid Tumors

KEY INCLUSION CRITERIA*

- BRAF V600 mutant measurable solid tumors with ≥1 prior line of SoC therapy for unresectable locally advanced or metastatic disease
- Melanoma patients must have received prior BRAF therapy
- CRC, ATC, NSCLC or other non-CNS solid tumors; prior BRAF therapy unless not available per SoC
- No CNS involvement (primary tumor or metastatic disease), except if clinically stable

Study Endpoints

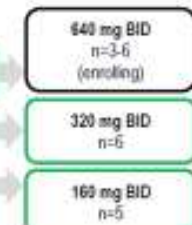
- PRIMARY**
- Safety and tolerability
 - Determine RP2D
- SECONDARY**
- Estimate anti-tumor activity
 - Assess PK and PD

*NCT04714146-20, NCT05648888

Monotherapy Dose Escalation



PD Backfill



Exploratory Expansion

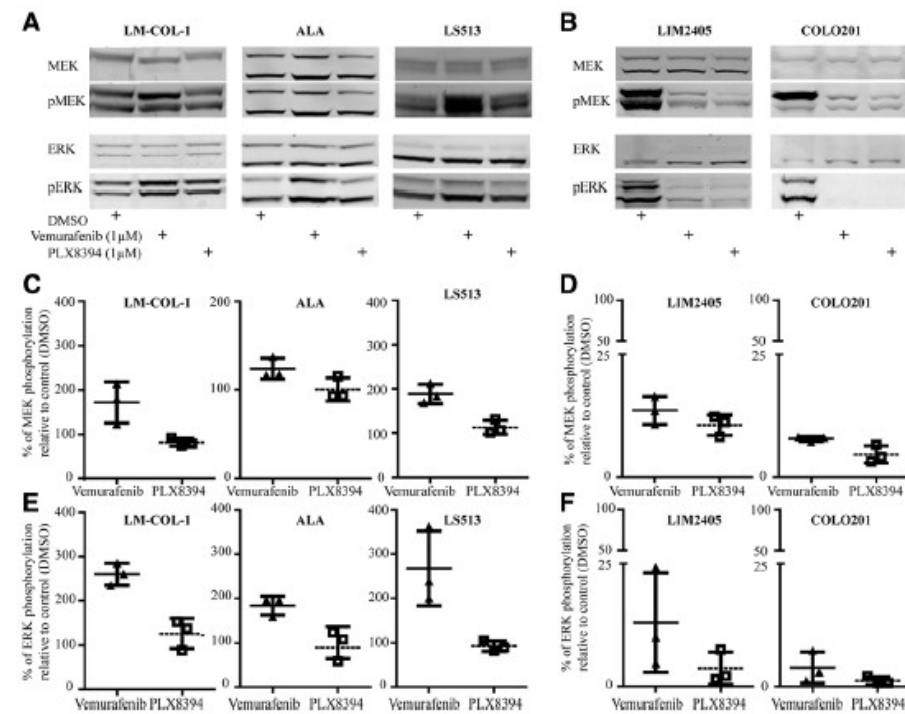
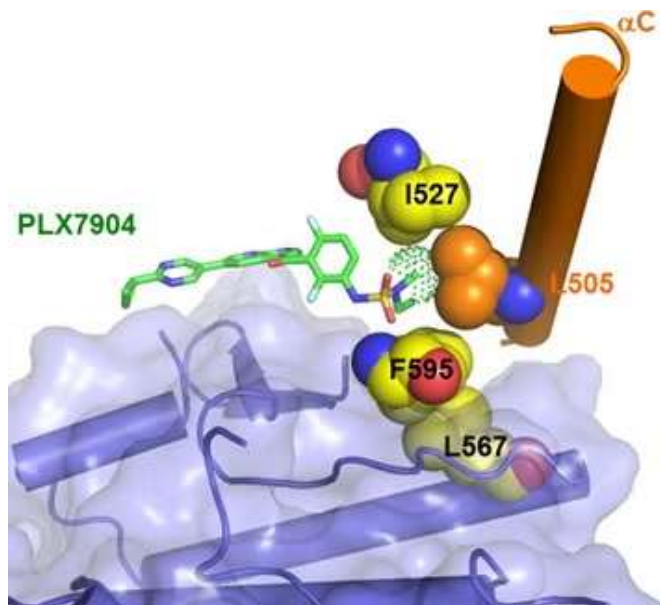


NOVEL BRAF INHIBITORS: PLX8394 o paradox

NOVEL BRAF INHIBITORS

(PLX8394 AND PLX7904), DUBBED AS “PARADOX BREAKERS”, were developed to inhibit V600 mutated oncogenic BRAF without causing paradoxical MAPK pathway activation.

Fase preclinica





CONCLUSIONES-*take home message*

- FOLFOX + EC es el nuevo estándar de 1L en cáncer colorrectal avanzado BRAF mutado V600E MSS. (Breakwater, FDA, ESMO living CCR guidelines)
- Pendiente de establecer el tratamiento de 1L en BRAF mutado V600E MSI (Seamark)
- Necesidad de aclarar el “continuum of care” en pacientes que van a recibir la terapia dirigida en primera línea
 - Quimioterapia más anti VEGF ?
 - Mantenimiento a la progresión con EC+ quimioterapia ó inh MEK ?
 - Estrategias de “rechallenge” ?
 - iBRAF de nueva generación ? PROTACS?



GRACIAS