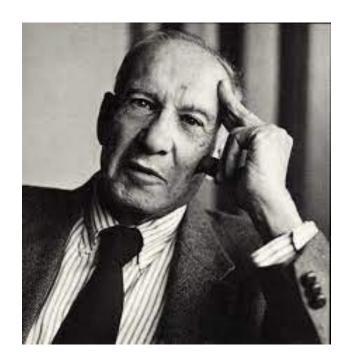


Pancreatic

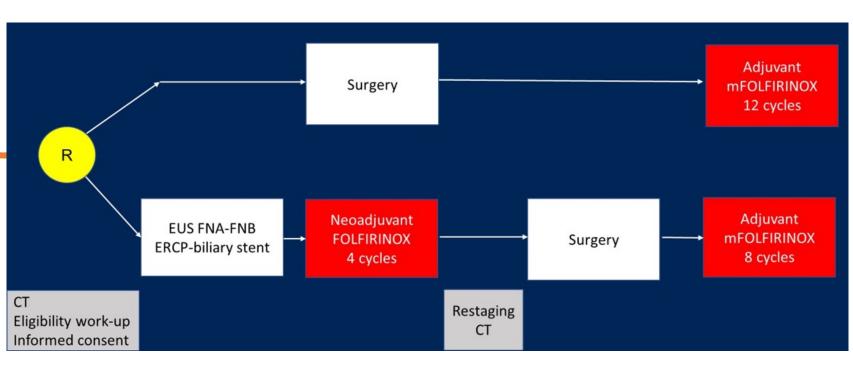
• Until we can manage time, we can manage nothing else."

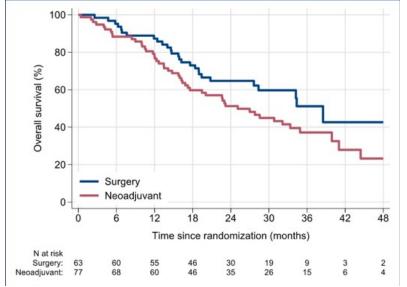


— Peter F. Drucker

5 year survival is now close to 13% up from 5%

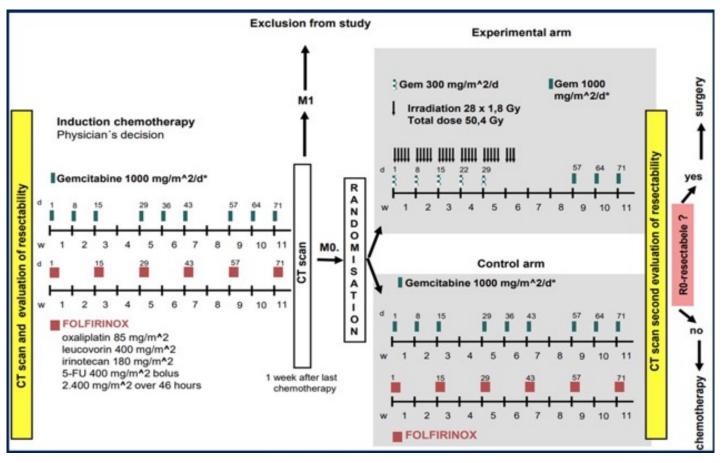
NORPAC



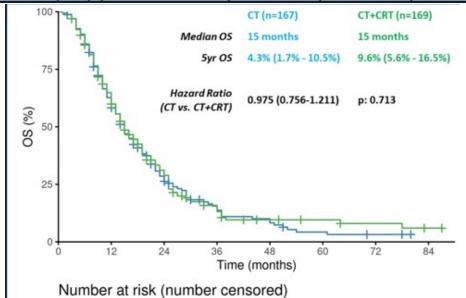


	Neoadjuvant group (n=63)	Upfront surgery (n=56)	p-value
Intention-to-treat			
R0	56%	39%	0.076
NO	29%	14%	0.060
Per-protocol	(n=46)	(n=49)	
R0	59%	33%	0.011
NO .	37%	10%	0.002

CONKO 007



	CT (n=167)	CT+CRT (n=169)	p-value
Resection performed, No. (%)	60 (36)	62 (37)	0.91
pCR, No. (%)	1 (.6)	11 (7)	0.0055
R0 resection, No. (%)	30 (18)	43 (25)	0.1126
R1 resection, No. (%)	16 (10)	5 (3)	0.0133
R2, Rx resection, No. (%)	14 (8)	14 (8)	1.0000
CRM negative, No. (%)	15 (9)	29 (17)	0.0348
CRM positive, No. (%)	27 (16)	11 (7)	0.0057
CRM missing data, No. (%)	4 (2)	8 (5)	
Deceased within 30 days after resection, No. (%)	5 (3)	4 (2)	0.7494
Median OS 5yr OS	CT (n=167) 15 months 4.3% (1.7% - 10.9)		



CT 167 (2) 98 (11)

CT+CRT 169 (0) 105 (7)

38 (20)

42 (18)

17 (24)

18 (22)

11 (24)

4 (25)

6 (27)

2 (26)

0 (28)

2 (29)

NAPOLI 3

100

90

80

70 -60 -

50 ·

30 ·

10

383

387

+ = censored

308

298

337

345

6

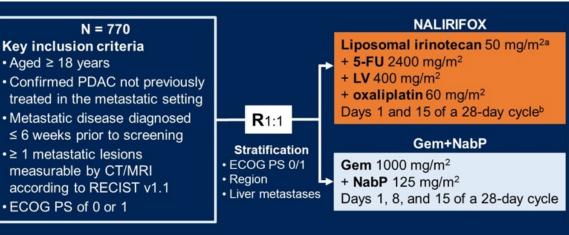
274

261

(%) SO

No. at risk: NALIRIFOX

Gem+NabP



Tumor assessment every

· Treatment until disease

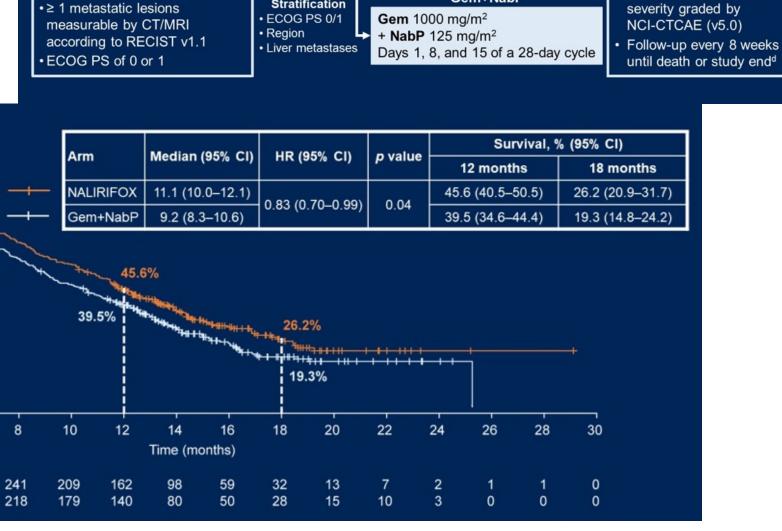
8 weeks per RECIST v1.1c

progression, unacceptable

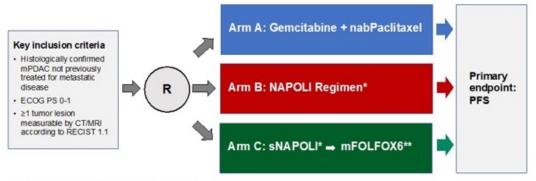
toxicity or study withdrawal

AEs recorded and coded

using MedDRA (v24.0);

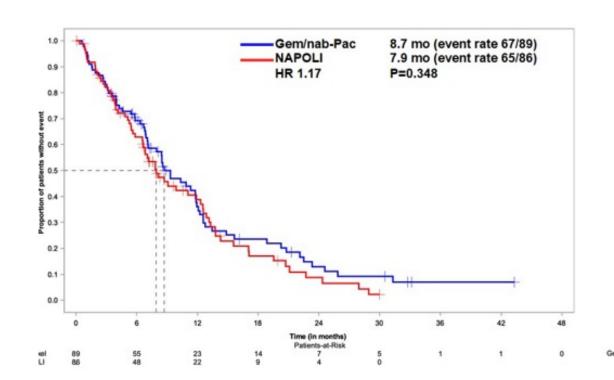


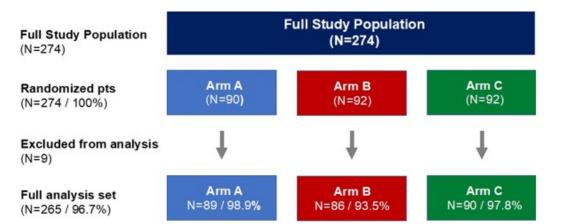
FOOTPATH

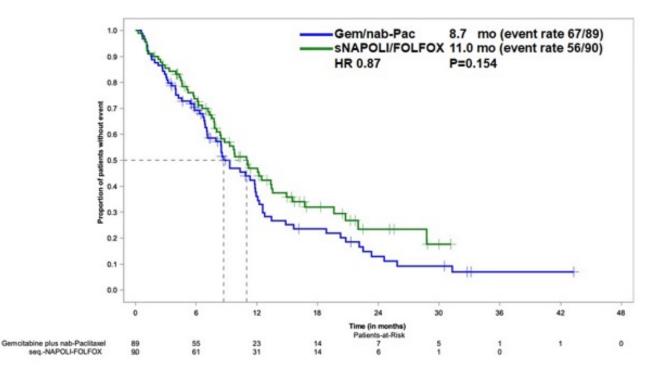


* NAPOLI: liposomal irinotecan/folinic acid/5-FU

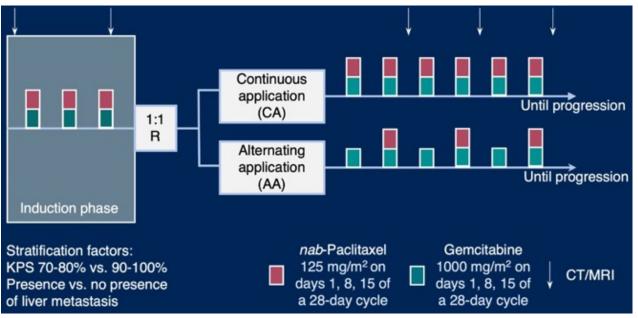
^{**}s= sequential/alternating application of NAPOLI and mFOLFOX6

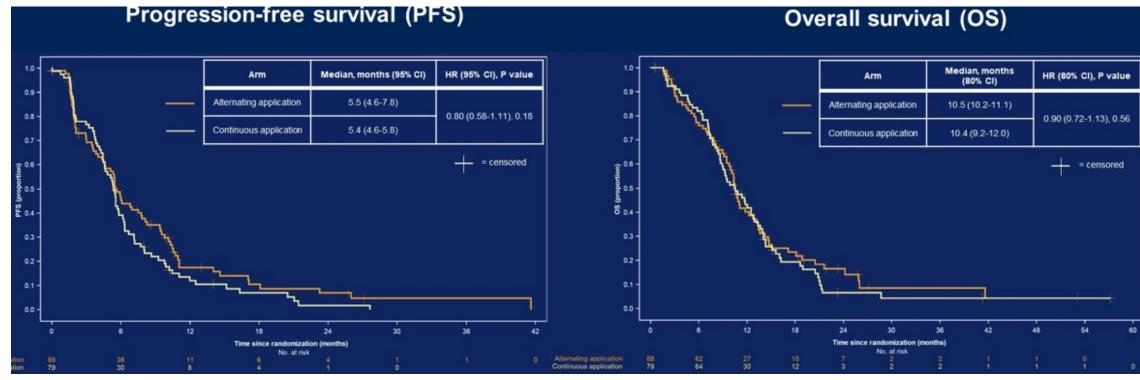






ALPACA





NETTER 2

PD

Screening phase

- Patients ≥15 years;
 N=226
- Advanced, SSTR+, well-differentiated, G2 or G3 GEP-NET (Ki67 ≥10% and ≤55%)
- Diagnosis within last 6 months prior to enrollment
- No prior PRRT or systemic therapy

Randomized treatment phase



Octreotide control High-dose octreotide LAR (60 mg) Q4W

Stratification factors:

2:1

- Grade (G2 vs G3)
- Tumor origin (pancreas vs other origin)

Optional treatment extension phase

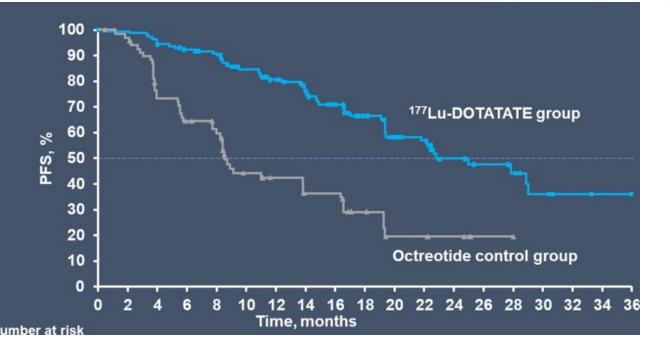


Cross-over treatment

177Lu-DOTATATE
(7.4 GBq/200mCi)
Q8W × 4 cycles +
octreotide LAR (30 mg)*

Study endpoints:

- Primary: PFS
- · Key secondary: ORR, QOL



	177Lu- DOTATATE group n=151	Octreotide control group n=75
PFS median, months (95% CI)	22.8 (19.4, NE)	8.5 (7.7, 13.8)
Stratified HR (95% CI) p-value	0.276 (0.182, 0.418) <0.0001	

Follow-up

phase

Follow-up visits every

6 months for 3 years

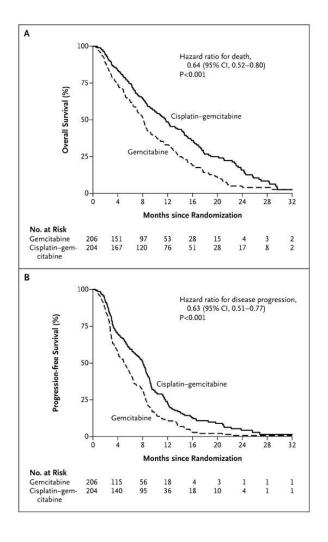
Cholangio

• Time will not slow down when something unpleasant lies ahead."

Harry Potter



Outcomes in Patients with Biliary Tract Cancer Who Received Gemcitabine Alone versus Cisplatin plus Gemcitabine.

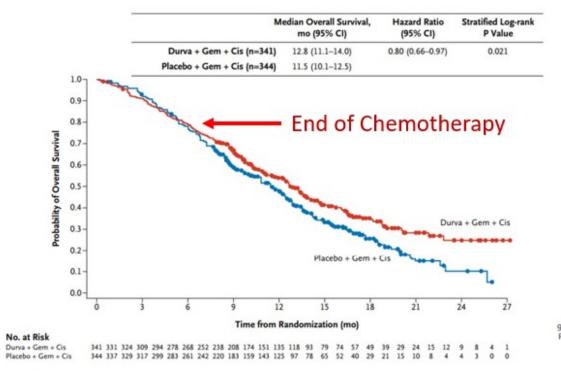


OS:

- 11.7 months cisplatin—gemcitabine
- 8.1 months gemcitabine group (hazard ratio, 0.64; 95% confidence interval, 0.52 to 0.80; P<0.001)

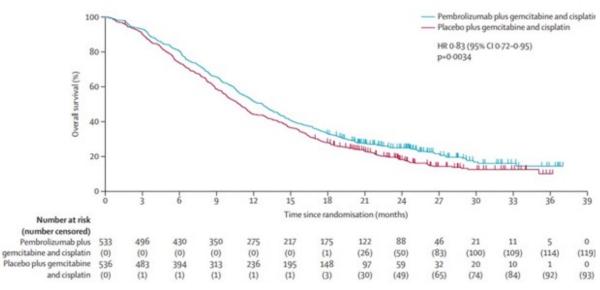


TOPAZ-1: Durva/Gem/Cis vs. Gem/Cis



Oh et al. NEJM 2022;1:EVIDoa2200015.

KEYNOTE-966: Pembro/Gem/Cis vs. Gem/Cis

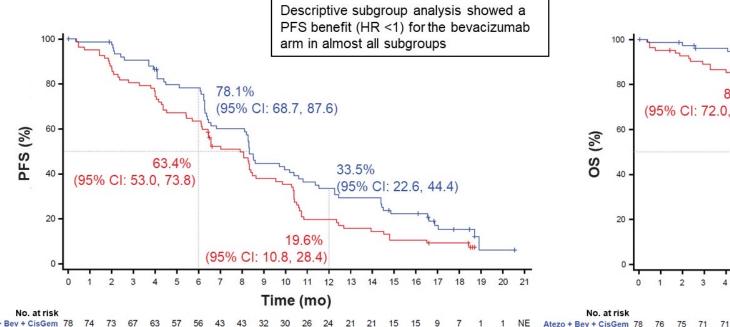


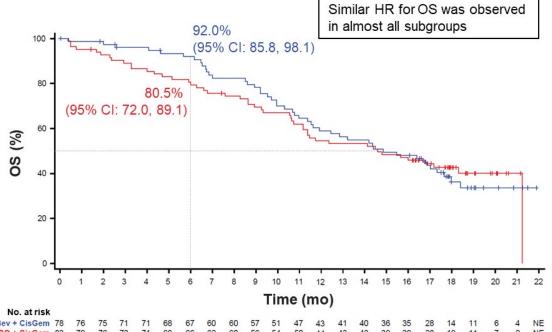
Kelley et al. Lancet 2023;S0140-6736(23)00727-4

Updated PFS and OS

Primary endpoint: PFS	Atezo + Bev + CisGem (n=79)ª	Atezo + PBO + CisGem (n=83)	
No. of events (%)	63 (80)	73 (88)	
Median PFS (95% CI), mo	8.3 (6.8, 10.6)	7.9 (6.2, 8.5)	
Stratified HRb (95% CI)	0.67 (0.46, 0.95)		

Secondary endpoint: OS	Atezo + Bev + CisGem (n=79)ª	Atezo + PBO + CisGem (n=83)	
No. of events (%)	47 (59)	48 (58)	
Median OS (95% CI), mo	14.9 (11.6, 18.0)	14.6 (11.2, NE)	
Stratified HRb (95% CI)	0.97 (0.64, 1.47)		





Median follow-up duration: 18.8 mo. Clinical cutoff: Jan 16, 2023. Cl, confidence interval; NE, not estimable.

^a A patient with a missing death date was excluded from the Kaplan-Meier curve. ^b Stratified analysis. Stratification factors are location of primary tumor (iCCA vs eCCA vs GBC) and geographic region (Asia vs rest of world).

ASCO Gastrointestinal Cancers Symposium

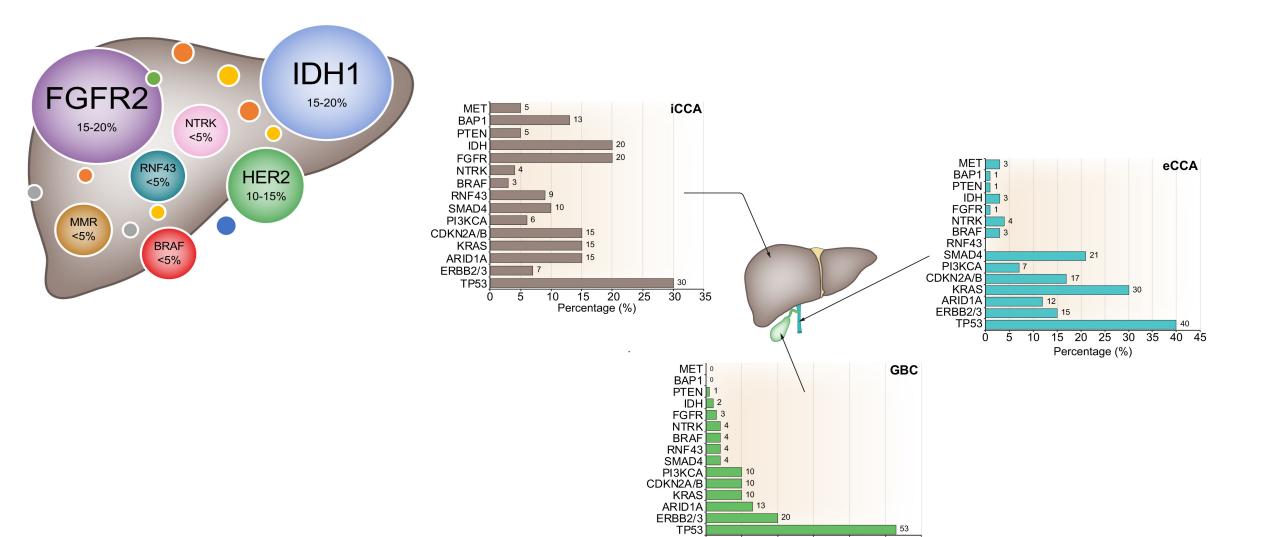


PRESENTED BY: Anthony B. El-Khoueiry, MD

Presentation is property of the author and ASCO. Permission required for reuse; contact permissions@asco.org

El-Khoueiry et al. IMbrave151 BM







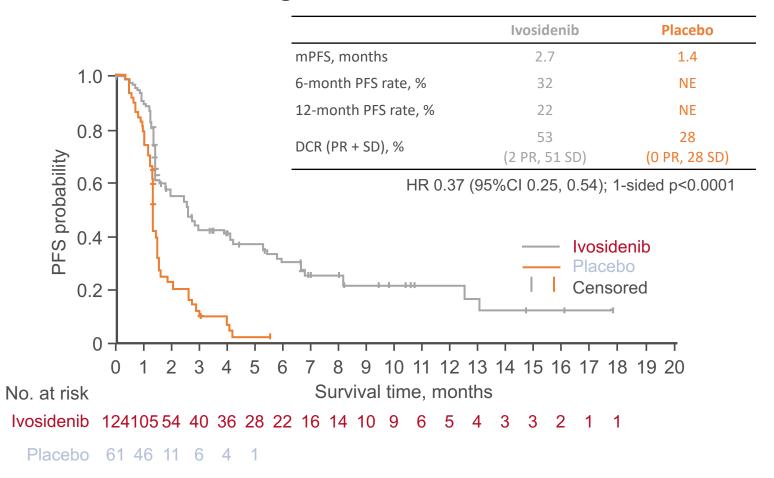


Percentage (%)

266: Final results from ClarIDHy, a global, phase III, randomized, double-blind study of ivosidenib (IVO) versus placebo (PBO) in patients (pts) with previously treated cholangiocarcinoma (CCA) and an isocitrate dehydrogenase 1 (IDH1) mutation – Zhu AX, et al

Progression-free survival

Key results



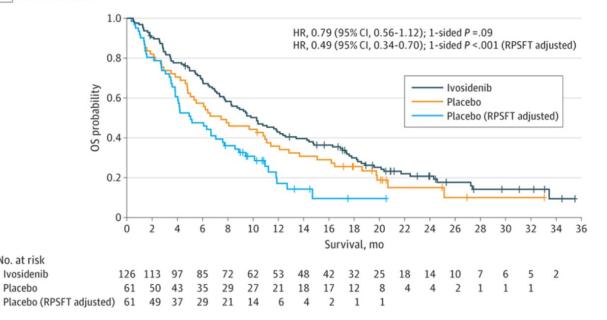


From: Final Overall Survival Efficacy Results of Ivosidenib for Patients With Advanced Cholangiocarcinoma With IDH1 Mutation: The Phase 3 Randomized Clinical ClarIDHy Trial

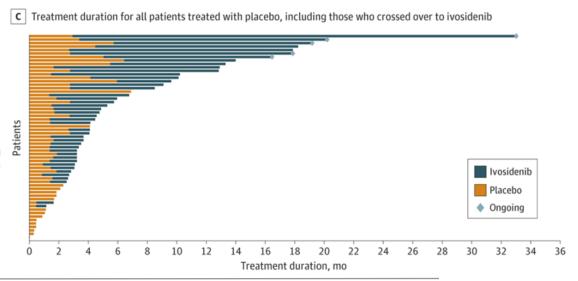
JAMA Oncol. Published online September 23, 2021. doi:10.1001/jamaoncol.2021.3836

A Overall survival

No. at risk Ivosidenib Placebo

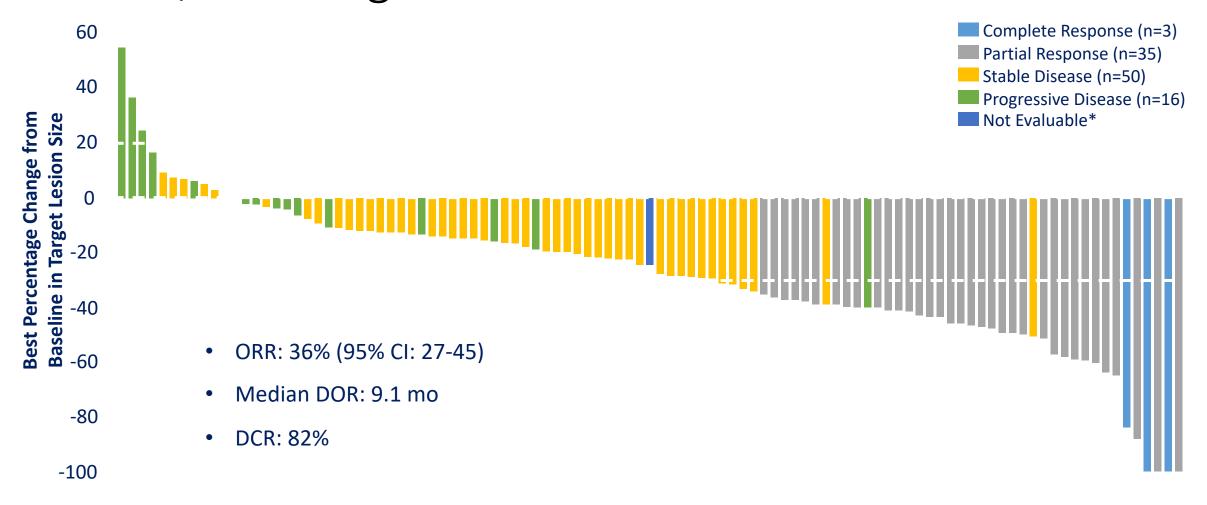


Treatment group	Events/patients, No.	OS, median (95% CI), mo
lvosidenib	100/126	10.3 (7.8-12.4)
Placebo	50/61	7.5 (4.8-11.1)
Placebo adjusted by RPSFT	49/61	5.1 (3.8-7.6)

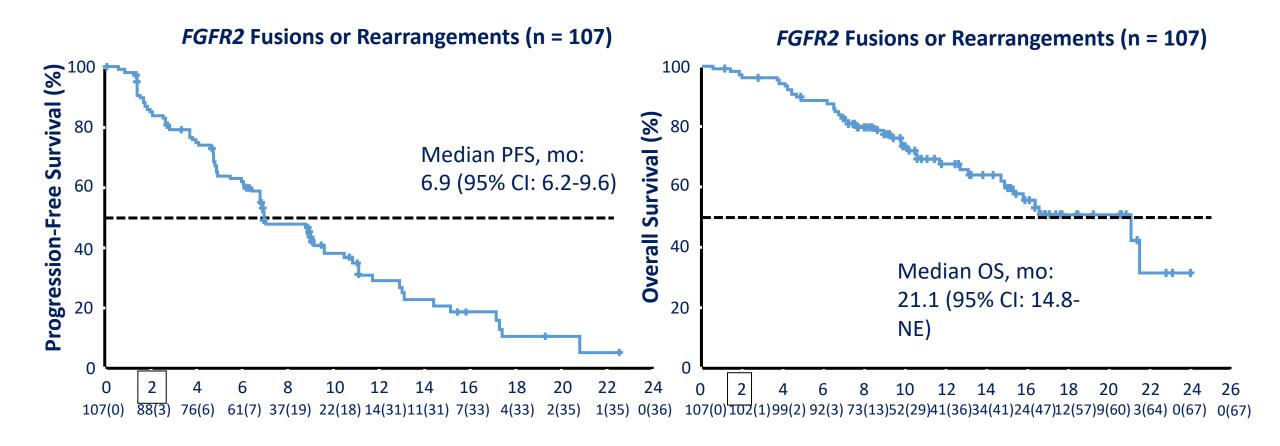


Date of download: 9/23/2021

FIGHT-202: Responses in Patients with *FGFR2* Fusion/Rearrangement



FIGHT-202: PFS and OS



HER2 Expression in BTCs

- In BTCs, HER2 overexpression, gene amplification, or both have been reported in several studies, and HER2-positive rates in GBC, ECC, and ICC are estimated to be 30%, 10–20%, and 5%, respectively.¹
- Through our preliminary study, we confirmed that the HER2 expression patterns in BTCs are more similar to those of gastric cancer than breast cancer, including heterogeneity.
- We also recently reported on the HER2 expression status according to the guidelines for HER2 testing in gastroesophageal adenocarcinoma in 454 cases (Table).²

	ICC	ECC-Bp	ECC-Bd	GBC	AVC
HER2-positive rate (%)	3.7	3.0	18.5	31.3	16.4

^{1.} Cancer Discov 2017;7:943-62. 2. Hum Pathol 2020;105:9.

Primary endpoint: Confirmed ORR (BICR)

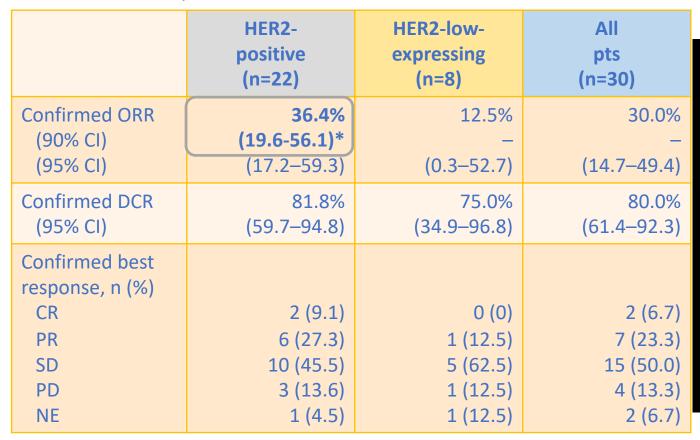
BICR, blinded independent central review; DCR, disease control rate;

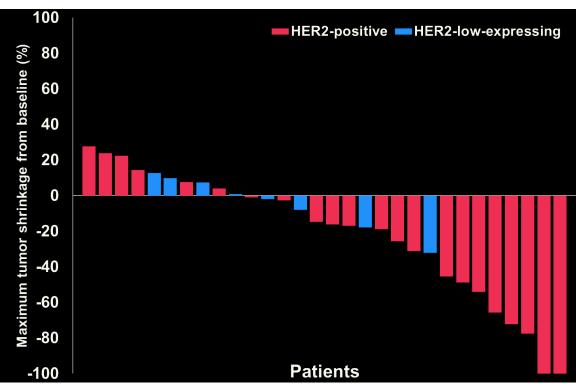
CR, complete response; PR, partial response; SD, stable disease; PD, progressive disease; NE, not evaluable.

Tumor response

*: P =0.01

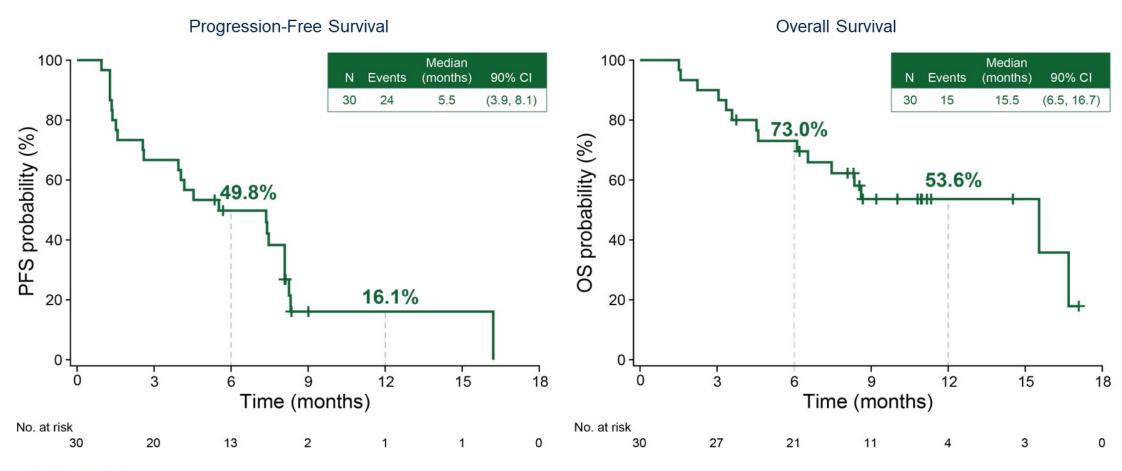
Best percentage change





Akihiro Ohba, MD

Progression-Free Survival and Overall Survival



Data cutoff: Jan 30, 2023. PFS, progression-free survival; OS, overall survival.



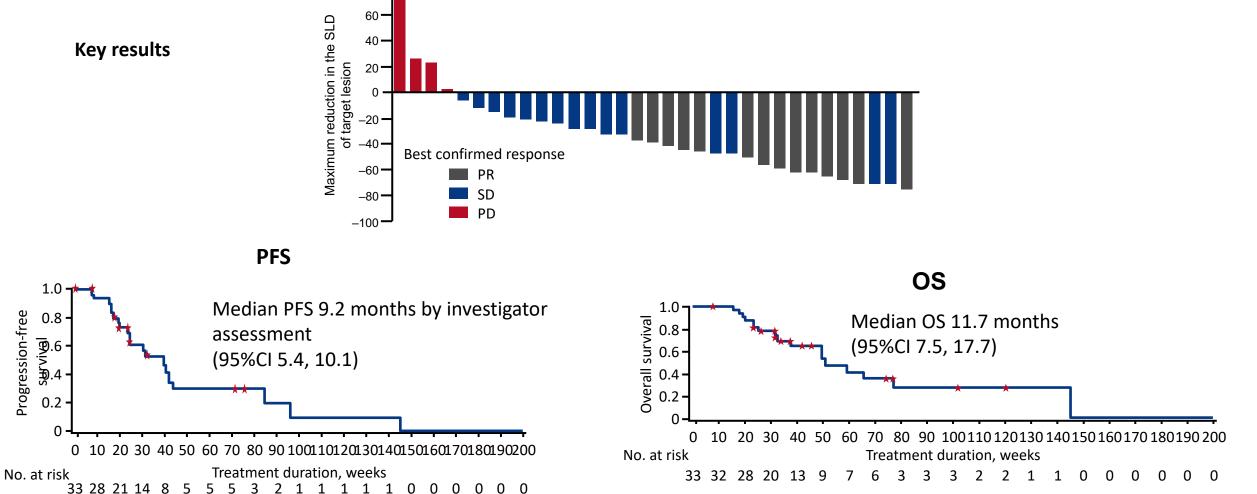




Presentation is property of the author and ASCO. Permission required for reuse; contact permissions@asco.org.



187: Efficacy and safety of dabrafenib (D) and trametinib (T) in patients (pts) with BRAF V600E-mutated biliary tract cancer (BTC): A cohort of the ROAR basket trial – Wainberg ZA, et al



Targeted Therapies in BTCs

- Novel molecular targets were found to be attractive for BTCs in several trials.
- However, these targets are limited populations among BTCs, and the remaining targeted agents have not been sufficiently evaluated.

Target	IDH1	FGI	R2	BRAF ^{V600E}	HE	R2
Agent	lvosidenib ¹ *	Pemigatinib ² *	Infigratinib ³ *	Dabrafenib + Trametinib ⁴	Pertuzumab + Trastuzumab ⁵	TDx
Phase	3	2	2	2	2	2
n	124	146	108	43	39	30
ORR (%)	2.4	35.5	23.1	46.5	23.1	30.0
mPFS (mo)	2.7	6.9	7.3	9	4.0	5.1

*: FDA approved; **: Not reported.

1. Lancet Oncol 2020;21:796. 2. Lancet Oncol 2020;21:671. 3. Lancet Gastroenterology Hepatology 2021;6:803. 4. Lancet Oncol 2020;21:1234. 5. Lancet Oncol 2021;22:1290.

22

HCC

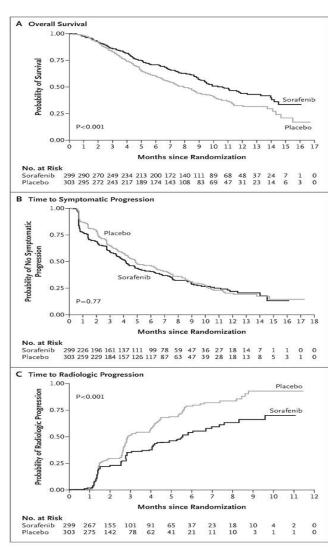
• Time is what we want most but what we use worst."

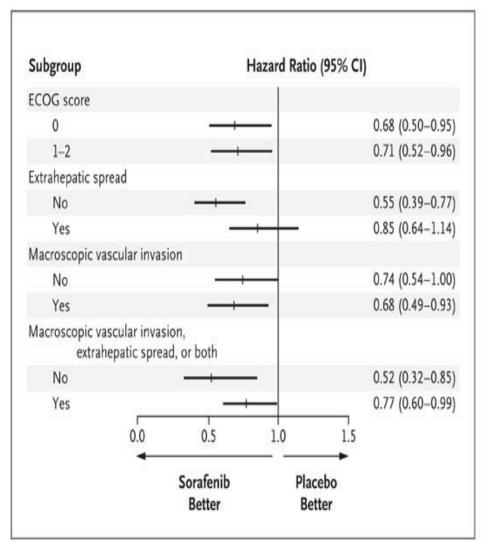
William Penn



Kaplan–Meier Analysis of Overall Survival, the Time to Symptomatic Progression, and the Time to Radiologic Progression

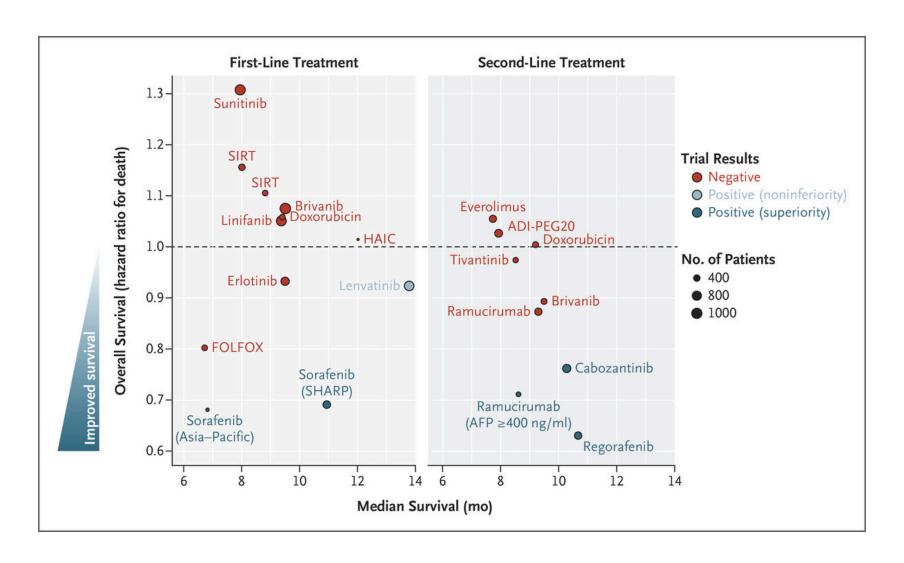
- OS
 - 10.7 months sorafenib
 - 7.9 months placebo(P<0.001).
- Time to symptomatic progression
 - 4.1 months Sorafenib
 - 4.9 months Placebo (P=0.77).
- Time to radiologic progression
 - 5.5 months sorafenib
 - 2.8 months placebo group (P<0.001).







Systemic Therapies Tested in Phase 3 Trials for the Management of Advanced Hepatocellular Carcinoma.





Outcomes by occurrence of immune-mediated adverse events with tremelimumab plus durvalumab in the Phase 3 HIMALAYA study in unresectable hepatocellular carcinoma

George Lau,¹ Ann-Lii Cheng,² Bruno Sangro,³ Masatoshi Kudo,⁴ Robin Kate Kelley,⁵ Won Young Tak,⁶ Antonio Gasbarrini,⁷ Maria Reig,⁸ Ho Yeong Lim,⁹ David Tougeron,¹⁰ Enrico N. De Toni,¹¹ Vincent C. Tam,¹² Kabir Mody,¹³ Jun Gong,¹⁴ Carrie L. McCoy,¹⁵ Charu Gupta,¹⁶ Mallory Makowsky,¹⁵ Alejandra Negro,¹⁵ Ghassan K. Abou-Alfa^{17,18}

¹Humanity and Health Clinical Trial Center, Humanity and Health Medical Group, Hong Kong Special Administrative Region, China; ²National Taiwan University Cancer Center, National Taiwan University Hospital, Taipei, Taiwan; ³Liver Unit and HPB Oncology Area, Clínica Universidad de Navarra and CIBEREHD, Pamplona, Spain; ⁴Department of Gastroenterology and Hepatology, Kindai University Faculty of Medicine, Osaka, Japan; ⁵Helen Diller Family Comprehensive Cancer Center, University of California, San Francisco, CA, USA; ⁶Department of Internal Medicine, School of Medicine, Kyungpook National University, Daegu, Republic of Korea; ¹Fondazione Policlinico Universitario Gemelli IRCCS, Università Cattolica del Sacro Cuore, Rome, Italy; ³Barcelona Clinic Liver Cancer, Hospital Clinic de Barcelona, IDIBAPS, CIBEREHD, University of Barcelona, Barcelona, Spain; ³Samsung Medical Center, Sungkyunkwan University, Seoul, Republic of Korea; ¹¹Department of Gastroenterology, Poitiers University Hospital, Poitiers, France; ¹¹Department of Medicine II, University Hospital, LMU Munich, Munich, Germany; ¹²Department of Oncology, Tom Baker Cancer Centre, University of Calgary, Calgary, Alberta, Canada; ¹³Division of Hematology/Oncology, Department of Medicine, Mayo Clinic, Jacksonville, FL, USA; ¹⁴Department of Medicine, Division of Hematology and Oncology, Cedars-Sinai Medical Center, Los Angeles, CA, USA; ¹⁵AstraZeneca, Gaithersburg, MD, USA; ¹⁶Oncology Biometrics, Late Oncology Statistics, AstraZeneca, Wilmington, DE, USA; ¹⁷Department of Medicine, Memorial Sloan Kettering Cancer Center, New York, NY, USA; ¹⁶Weill Medical College, Cornell University, New York, NY, USA







HIMALAYA study design

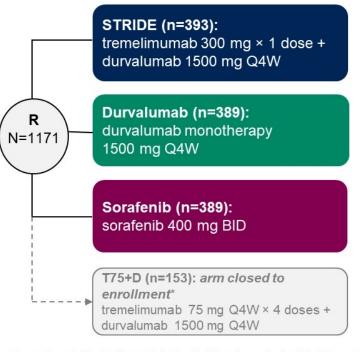
HIMALAYA is an open-label, multicenter, global, Phase 3 trial¹

Study population

- Adults with confirmed unresectable HCC
- · Child-Pugh A
- BCLC B (not eligible for locoregional therapy) or C
- · No prior systemic therapy
- ECOG PS 0–1
- · No main portal vein thrombosis
- · EGD was not required

Stratification factors

- Etiology of liver disease: HBV / HCV / nonviral
- · Macrovascular invasion: yes / no
- ECOG PS: 0 / 1

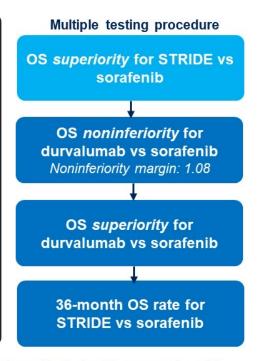


Primary objective

 OS superiority: STRIDE vs sorafenib

Secondary objectives

- OS noninferiority: durvalumab vs sorafenib
- 36-month OS rate
- PFS, ORR, and DCR (investigator-assessed per RECIST v1.1)
- Safety



*The T75+D arm was closed to enrollment following a preplanned analysis of a Phase 2 study. Participants randomized to this arm (n=153) could continue treatment following arm closure. Results from this arm are not reported in this presentation.

BCLC, Barcelona Clinic Liver Cancer; BID, twice a day; DCR, disease control rate; ECOG, Eastern Cooperative Oncology Group; EGD, esophagogastroduodenoscopy; HBV, hepatitis B virus; HCC, hepatocellular carcinoma; HCV, hepatitis C virus; ORR, objective response rate; OS, overall survival; PFS, progression-free survival; PS, performance status; Q4W, every 4 weeks; R, randomized; RECIST, Response Evaluation Criteria in Solid Tumors; T75+D, tremelimumab 75 mg Q4W × 4 doses + durvalumab 1500 mg Q4W.

1. Abou-Alfa GK, et al. NEJM Evid 2022;1:EVIDoa2100070.





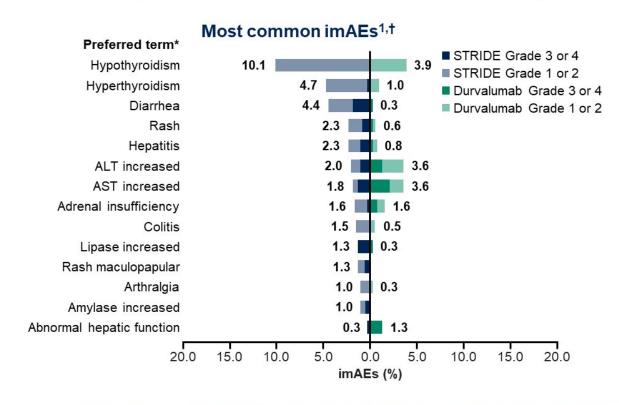
PRESENTED BY: George Lau, MD, FRCP, FAASLD

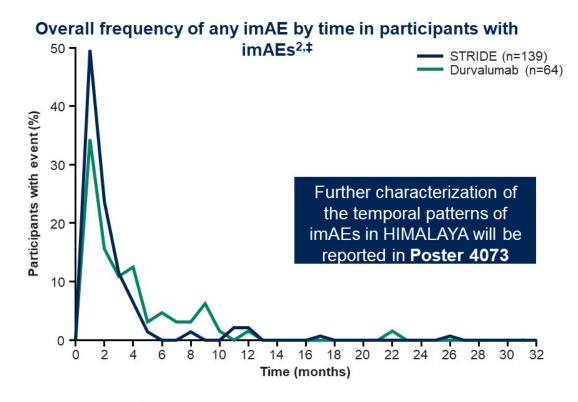
Presentation is property of the author and ASCO. Permission required for reuse; contact permissions@asco.org.



imAEs in HIMALAYA

Most imAEs with STRIDE or durvalumab were low grade, and most occurred within the first 3 months of treatment^{1,2}





^{*}Preferred term was as reported by the investigator. †imAEs that occurred in ≥1% of participants in the in the STRIDE or durvalumab treatment arms are included. ‡The percentage of participants with an event is the number of participants who experienced ≥1 imAE event at each time interval divided by the number of participants who experienced ≥1 imAE event at any time; includes first imAE only, regardless of grade. ALT, alanine aminotransferase; AST, aspartate aminotransferase; imAE, immune-mediated adverse event.

^{1.} Sangro B, et al. Presented at: ILCA 2022 16th Annual Conference; September 1–4, 2022; Madrid, Spain. Oral presentation O-28. 2. Lau G, et al. Poster presented at: ASCO Annual Meeting 2023; June 2–6, 2023; Chicago, IL. Poster 4073.





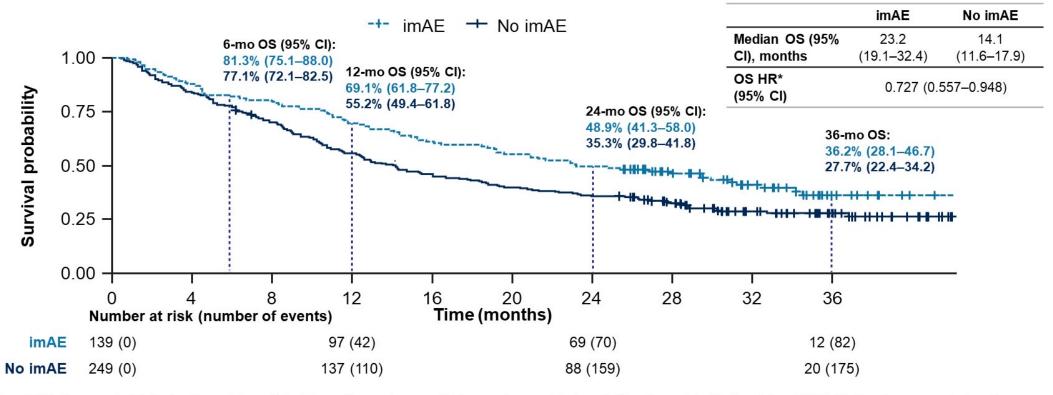


Presentation is property of the author and ASCO. Permission required for reuse; contact permissions@asco.org.



OS by imAE occurrence for STRIDE

A numerical improvement in OS was observed in participants who had an imAE versus those who did not



^{*}OS HRs and 95% Cls were calculated using Cox modeling, with imAEs as a time-varying covariate to properly account for immortal time bias and stratified by etiology, ECOG (0 / 1), and macrovascular invasion (yes / no) for participants with versus without imAEs of any grade.

CI, confidence interval; HR, hazard ratio; imAE, immune-mediated adverse event; OS, overall survival.

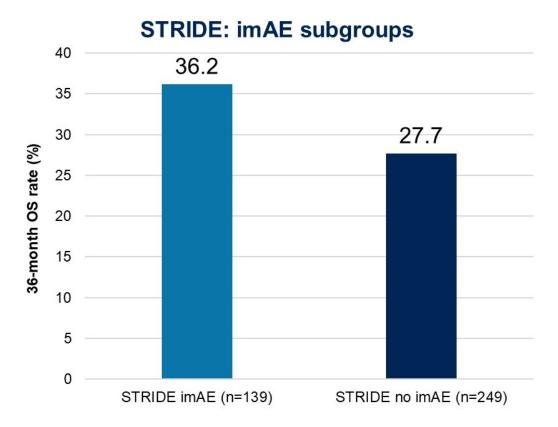


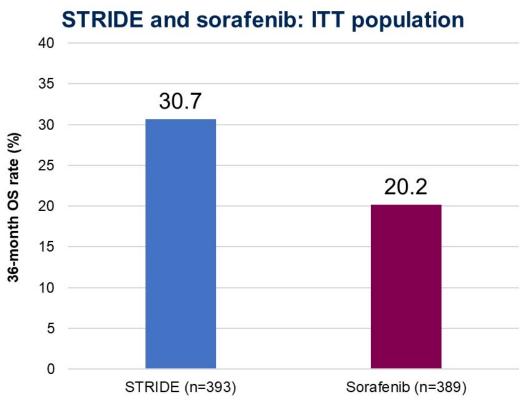




Landmark 36-month OS rates for STRIDE in imAE subgroups

OS rates at 36 months were higher with STRIDE than with sorafenib (ITT population) irrespective of imAE occurrence





imAE, immune-mediated adverse event; ITT, intent-to-treat; OS, overall survival



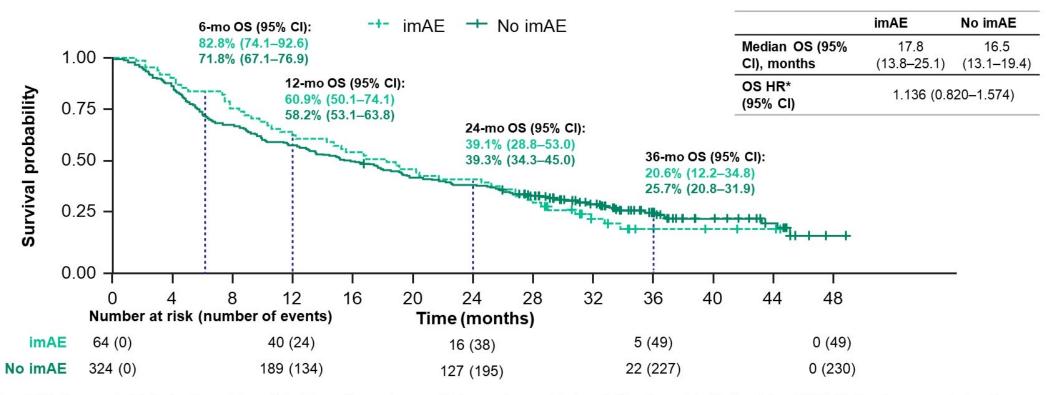






OS by imAE occurrence for durvalumab

OS was similar for participants treated with durvalumab with or without imAEs



^{*}OS HRs and 95% Cls were calculated using Cox modeling, with imAEs as a time-varying covariate to properly account for immortal time bias and stratified by etiology, ECOG (0 / 1), and macrovascular invasion (yes / no) for participants with versus without imAEs of any grade.

Cl, confidence interval; HR, hazard ratio; imAE, immune-mediated adverse event; OS, overall survival.











Cross comparison between trials: let's do what we are not supposed to

	IMBRAVE 150	HIMALAYA (STRIDE)	VEGF TKI
Median OS	19.2 m vs 13.4 m (HR 0.66, CI 0.52-0.85)	16.4 m vs 13.8 m (HR 0.68 , CI 0.65-0.93)	13.6 m
>/= Grade 3 Adverse Events (AEs)	43%	25.8%	36.9%
Grade 5 therapy related	2% half bleeding related	2.3%	<1%
imAEs >/= Gr 3	Possibly around 11%	12.6%	NA

- Are imAEs to be considered as early markers or response to therapy with STRIDE regimen?
- Improved AE profile and better QoL makes a strong case to consider this regimen.
- Need data on cost-effectiveness to further inform our decisions

Abou-Alfa et.al., NEJM Evid 2022;1(8) Cheng wt.al., Journ of Hepatology, Volume 76, Issue 4, April 2022, Pages 862-873







EMERALD-1 study design

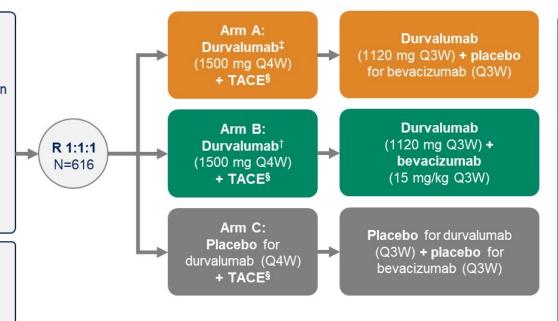
EMERALD-1 was a global, double-blind, placebo-controlled Phase 3 study

Study population*

- Adults with confirmed HCC
- Not amenable to curative therapy, e.g. surgical resection, ablation, transplantation
- No extrahepatic disease
- Child-Pugh A to B7
- ECOG PS 0 or 1
- · Measurable disease per mRECIST
- Excludes Vp3 and Vp4
- No prior systemic therapy or TACE[†]

Stratification factors

- TACE modality (DEB-TACE vs cTACE)
- Geographical region (Japan vs Asia [excluding Japan] vs other)
- Portal vein invasion (Vp1 or Vp2+ / -Vp1 vs none)



Primary endpoint:

 PFS^{||} for Arm B vs Arm C using BICR per RECIST 1.1

Key secondary endpoints:

- PFS for Arm A vs Arm C
- OS
- QoL

Other secondary endpoints:

- ORR and TTP using BICR per RECIST 1.1
- Safety
- PFS, ORR, and TTP using investigator and BICR per mRECIST

*Upper endoscopy to evaluate varices and risk of bleeding was required within 6 months of randomization. ¹Prior use of TACE or TAE is acceptable if it was used as part of therapy with curative intent, but not if it was used as the sole modality in curative therapy. ‡Durvalumab / placebo started ≥7 days after TACE. ⁵DEB-TACE or cTACE. Participants will receive up to 4 TACE procedures within the 16 weeks following Day 1 of their first TACE procedure. □Only new lesions consistent with progression that were not eligible for TACE occurring prior to the first on study imaging at 12 weeks were considered progression events; standard mRECIST progression criteria were used after the 12-week imaging.

BICR, blinded independent central review; cTACE, conventional transarterial chemoembolization; ECOG, Eastern Cooperative Oncology Group; DEB-TACE, drug-eluting bead-transarterial chemoembolization; HCC, hepatocellular carcinoma; mRECIST, modified Response Evaluation Criteria in Solid Tumors; ORR, objective response rate; OS, overall survival; PFS, progression-free survival; PS, performance status; Q3W / Q4W, every 3 / 4 weeks; QoL, quality of life; RECIST, Response Evaluation Criteria in Solid Tumors; TACE, transarterial chemoembolization; TTP, time to progression.



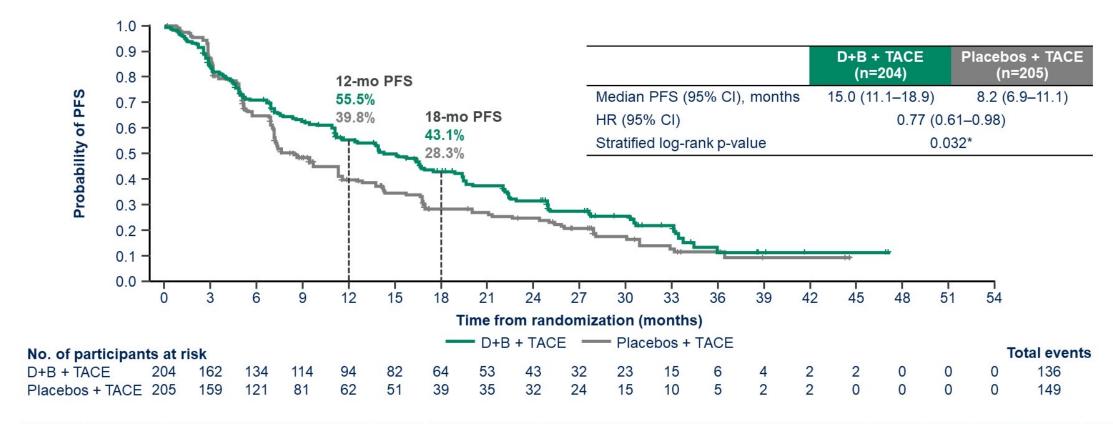


PRESENTED BY: Riccardo Lencioni, MD

Presentation is property of the author and ASCO. Permission required for reuse; contact permissions@asco.org.



PFS with D+B + TACE versus placebos + TACE: primary endpoint Median PFS was improved by 6.8 months with D+B + TACE versus placebos + TACE



Median (range) duration of follow-up in censored participants, D+B + TACE 16.7 (0.03–47.1) months, Placebos + TACE 10.3 (0.03–44.3) months. Median (95% CI) duration of follow-up in all participants using the reverse Kaplan-Meier method, D+B + TACE 22.2 (16.7–27.3) months, Placebos + TACE 26.3 (16.7–30.4) months. PFS was assessed by BICR (RECIST v1.1)

*The threshold of significance for this analysis was 0.0435 based on the α spend at the PFS interim analysis (2.27%) and the actual number of events at PFS final analysis.

B, bevacizumab; BICR, blinded independent central review; CI, confidence interval; D, durvalumab; HR, hazard ratio; mo, months, PFS, progression-free survival; RECIST, Response Evaluation Criteria in Solid Tumors; TACE, transarterial chemoembolization



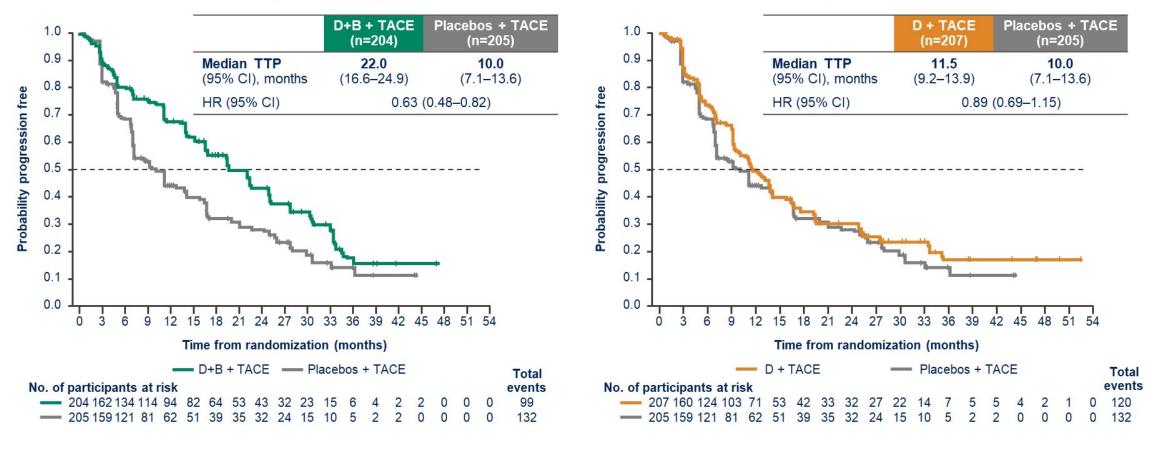


PRESENTED BY: Riccardo Lencioni, MD

Presentation is property of the author and ASCO. Permission required for reuse; contact permissions@asco.org.



TTP
Median TTP was improved by 12 months with D+B + TACE versus placebos + TACE



TTP was assessed by BICR (RECIST v1.1)

B. bevacizumab: BICR. blinded independent central review: CL. confidence interval: D. duryalumab: mo. months: RECIST. Response Evaluation Criteria in Solid Tumors: TACE. transarterial chemoembolization: TTP, time to progression





PRESENTED BY: Riccardo Lencioni, MD

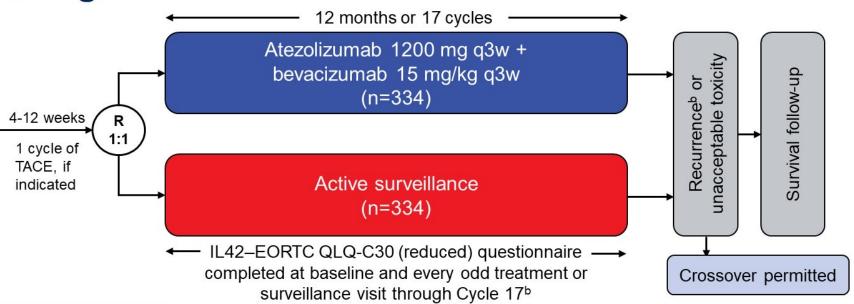
Presentation is property of the author and ASCO. Permission required for reuse; contact permissions@asco.org,



IMbrave050 study design

Patient Population

- Confirmed first diagnosis of HCC and had undergone curative resection or ablation
- Disease free
- · Child-Pugh Class A
- High risk of recurrence^a
- No extrahepatic disease or macrovascular invasion (except Vp1/Vp2)
- ECOG PS 0 or 1



Stratification

- Region (APAC excluding Japan vs rest of world)
- High-risk features and procedures:
 - Ablation
 - Resection, 1 risk feature, adjuvant TACE (yes vs no)
 - Resection, ≥2 risk features, adjuvant TACE (yes vs no)

Primary endpoint

Recurrence-free survival assessed by the independent review facility^c

Prespecified exploratory PRO endpoints

- Change from baseline in GHS/QoL, and physical, role, emotional and social functioning
 - Clinically meaningful deterioration was defined as a ≥10-point decrease²

ClinicalTrials.gov, NCT04102098. ECOG, Eastern Cooperative Oncology Group; GHS, global health status; HCC, hepatocellular carcinoma; IL42–QLQ-C30, item-list 42 of the core 30-item quality of life questionnaire; q3w, every 3 weeks; QoL, quality of life; R, randomization; TACE, transarterial chemoembolization.

^a High-risk features include: tumor >5 cm, >3 tumors, microvascular invasion, minor macrovascular invasion Vp1/Vp2, or Grade 3/4 pathology. ^b Completion of the IL42–EORTC QLQ-C30 (reduced) questionnaire continued every 12 weeks for 1 year during the follow-up period. ^cIntrahepatic recurrence defined by EASL criteria. Extrahepatic recurrence defined by RECIST 1.1.

1. Chow et al. AACR 2023, Oral CT003, 2. Osoba et al. J Clin Oncol 1998;16:139-44.





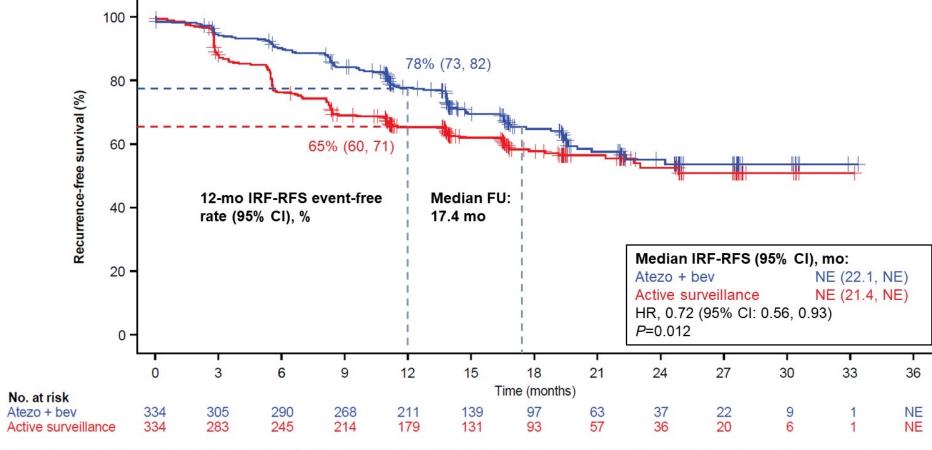
PRESENTED BY: Masatoshi Kudo, MD, PhD

Presentation is property of the author and ASCO. Permission required for reuse; contact permissions@asco.org

Kudo et al. IMbrave050 PRO



Primary endpoint: IRF-assessed RFS was significantly improved with atezo + bev vs active surveillance



Clinical cutoff: October 21, 2022; median follow-up duration: 17.4 mo. At clinical cutoff, 110 of 334 patients (33%) in the atezo + bev arm and 133 of 334 (40%) in the active surveillance arm experienced disease recurrence or death. HR is stratified. *P* value is a log rank.

FU, follow-up; NE, not estimable.

1. Chow et al. AACR 2023, Oral CT003.





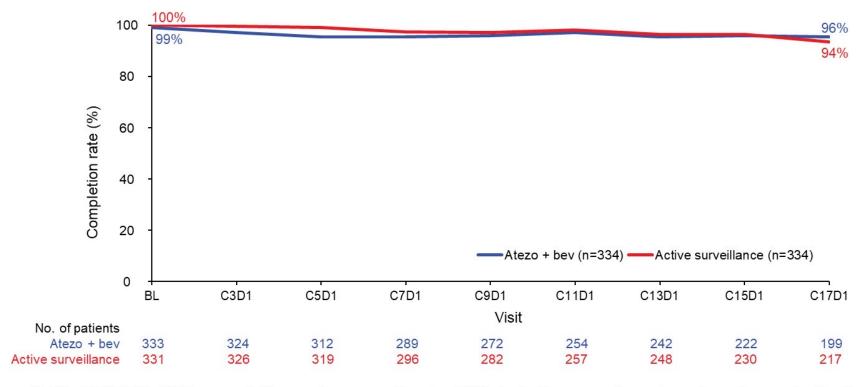


Presentation is property of the author and ASCO. Permission required for reuse; contact permissions@asco.org.



Kudo et al. IMbrave050 PRO

IL42–EORTC QLQ-C30 completion rates



- IL42–EORTC-C30 completion rates remained >93% in both arms from baseline through Cycle 17 of treatment or surveillance^a
- Interpretation of analyses focused on data through Cycle 17, when over half of the population in each arm remained in the study

^aIncludes responses with ≥1 question completed. Clinical cutoff: October 21, 2022; median follow-up duration: 17.4 mo.









RAISE

- Primary HCC who underwent radical resection and pathological diagnosis of HCC.
 The most narrow resection margin ≤1 cm.
- No tumor was found on postoperative CT or MR imaging in 4-6 weeks.
- ECOG PS ≤1.
- · Child-Pugh score 5-7.
- Satisfactory blood, liver, and kidney function parameters.

Randomization 1:1

Stratification factors:

- MVI (+ vs -)
- Tumor size (≤5cm vs >5cm)

The radiotherapy group

(n=74)

• Primary outcome:

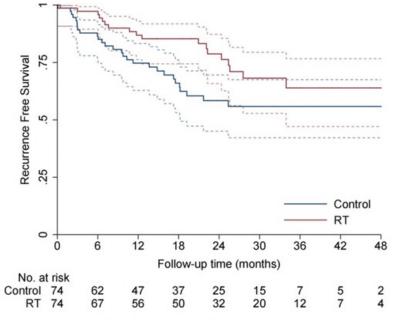
Recurrence Free Survival

· Secondary outcome:

Time To Recurrence Overall Survival,

Safety

Recurrence-free Survival



Time after randomization (months	Time	after	randomization	(months
----------------------------------	------	-------	---------------	---------

	No. of Events/ No. of Patients	12-month RFS, % (95% CI)	24-month RFS, % (95% CI)
RT group (n = 74)	18/74(24.3%)	86.9 (76.3 to 93.0)	78.7 (65.8 to 87.3)
Control group (n = 74)	28/74(37.8%)	74.7 (62.8 to 83.3)	58.4 (45.1 to 69.6)

IMRT; 50Gy/25F

The control group (n=74)

Follow-up

- The median follow-up period was 29.4 months
- The 2-year RFS was 78.74% vs 58.39%
 Stratified Hazard ratio, 0.55 (95% CI, 0.30 to 0.99),
 Stratified Log-rank P = 0.043

TRIAL	IMBRAVE-050	RAISE
Clinical trial	RCT, Phase III	RCT, Phase II
Treatment- Active arm (vs active surveillance)	Atezolizumab + bevacizumab - 12 mo	Radiotherapy-IMRT (50Gy/25 fractions)
Patient characteristics		
Inclusion criteria	High-risk HCC recurrence	Resection with Margin < 1cm
Single (%), main diameter	91%, 5.3cm	86%, 4.1cm
Microvascular invasion	61%	35%
Study design- Results		
Primary end-point	RFS	RFS
Sample size	668	148
Magnitud of benefit (HR, 95%)	0.72 (0.53-0.98)	0.55 (0.30-0.99)
P value	0.012	0.043
Adverse events (TRAEs G3-4)	35%	<15%

• Time you enjoy wasting is not wasted time."

Marthe Troly-Curtin

