COR2ED THE HEART OF MEDICAL EDUCATION

THE EXPANDING ROLE OF IMMUNOTHERAPY IN HCC: COMBINING LOCOREGIONAL AND SYSTEMIC TREATMENTS IN INTERMEDIATE HCC MICRO LEARNING

Aiwu Ruth He, MD, PhD Professor of Medicine and Oncology Columbia University, USA

Beau Toskich, MD, FSIR Professor of Interventional Radiology Mayo Clinic Florida, USA

APRIL 2025

DEVELOPED BY HCC CONNECT

This programme is developed by HCC CONNECT, an international group of experts in the field of hepatocellular carcinoma and brought to you alongside GI CONNECT, an international group of experts in the field of gastrointestinal oncology.





Acknowledgement and disclosures

AstraZeneca has provided a sponsorship grant towards this independent programme. The programme is therefore independent, the content is not influenced by the supporter and is under the sole responsibility of the experts.

Please note:

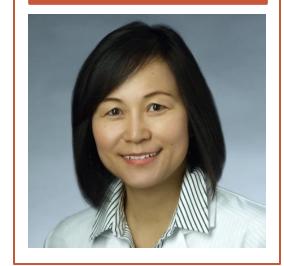
- This educational programme is intended for healthcare professionals only
- The views expressed within this programme are the personal opinions of the experts. They do not necessarily represent the views of the experts' academic institutions, organisations, or the rest of the HCC CONNECT and GI CONNECT groups.

Expert disclosures:

- Prof. Aiwu Ruth He has received financial support/sponsorship for research support, consultation, or speaker fees from the following companies: AstraZeneca, BMS, Boston Scientific, Eisai, Genentech, and Merck
- Prof. Beau Toskich has received financial support/sponsorship for research support, consultation, or speaker fees from the following companies: AstraZeneca, Boston Scientific, Delcath, Eisai, Galvanize, Genentech, HistoSonics, Johnson & Johnson, Replimune, Sirtex Medical, Terumo, Turnstone Biologics, VIVOS

THIS PROGRAMME HAS BEEN DEVELOPED BY A GROUP OF EXPERTS





Prof. Beau Toskich, FSIR Professor of Interventional Radiology Mayo Clinic Florida, USA



CLINICAL TAKEAWAYS

THE EXPANDING ROLE OF IMMUNOTHERAPY IN HEPATOCELLULAR CARCINOMA (HCC) – COMBINING LOCOREGIONAL AND SYSTEMIC TREATMENTS IN INTERMEDIATE HCC

- Immuno-oncology therapy (IO) and IO combinations are transforming the landscape for patients with advanced and intermediate HCC who are not candidates for local therapy, with 1st line options (IMbrave150, HIMALAYA, CheckMate 9DW) offering improved long-term outcomes, including 20% survival at 5-years in HIMALAYA
- Intermediate-stage HCC may benefit from multimodal strategies, combining IO with locoregional therapies (LRTs) to address both visible and invisible disease, enhancing immune response, and optimising tumour control
- IO + LRT combinations, such as TACE plus IO, show promise for patients with intermediate HCC, with positive trials like EMERALD-1 and LEAP-012 demonstrating improved PFS and manageable safety profiles, with ongoing evaluation of OS outcomes
- A multidisciplinary approach is crucial to determine which patients with intermediate HCC may benefit from multimodal combinations, requiring coordination among oncologists, hepatologists, interventional radiologists, radiation oncologists, and transplant surgeons

IO, immuno-oncology therapy; OS, overall survival; PFS, progression-free survival; TACE, transarterial chemoembolisation

BUILDING THE FOUNDATION

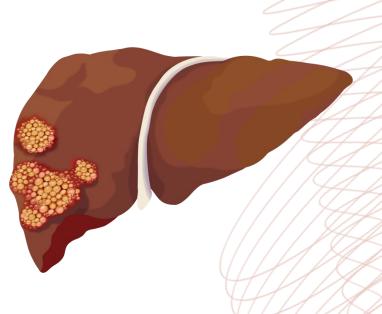
BACKGROUND ON HCC, STAGING, AND BALANCING CHALLENGES

BACKGROUND HEPATOCELLULAR CARCINOMA (HCC)¹

- Liver cancer is the sixth most prevalent cancer globally and ranks as the third leading cause of cancer-related deaths, with HCC representing 75%-86% of primary liver cancer cases
- In the United States, HCC incidence and mortality rates rose between 1970 and 2010; however, incidence began declining in 2011, and mortality rates stabilised in 2013, with one study reporting an annual decrease of ~3% in subsequent years
- **Cirrhosis,** regardless of the underlying liver disease, is the **strongest risk factor** for HCC, affecting more than 80% of patients diagnosed with the disease
- Patients with cirrhosis have an **estimated 2% yearly risk** of developing HCC
 - Chronic viral hepatitis (HBV and HCV) remains a major risk factor for HCC in many regions; however, its impact is decreasing in areas due to HBV vaccination programmes and curative antiviral treatments for HCV
 - HCC related to alcohol and metabolic dysfunction-associated steatotic liver disease (MASLD) (previously known as NAFLD²) is now the leading cause of HCC in patients without cirrhosis

HBV/HCV, hepatitis B/C virus; NAFLD, non-alcoholic fatty liver disease

1. Singal AG, et al. Hepatology. 2023;78:1922-1965; 2. New Year, New Name: NAFLD becomes MASLD. Available at: https://www.aafp.org/pubs/afp/afp-community-blog/entry/new-year-new-name-nafld-becomes-masld.html (accessed January 2025)

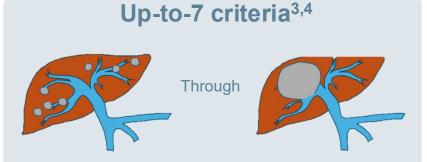


HCC STAGING INTERMEDIATE HCC IS COMPLEX AND HETEROGENEOUS

Patients with intermediate HCC exceed the Milan Criteria (UNOS T2) for early HCC:^{1,2}

One tumour <5 cm or up to three tumours <3 cm

Intermediate HCC sub-stratification:

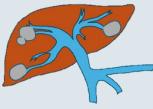


of tumours + largest tumour size (in cm) \leq 7

Liver transplantation may be considered if within the extended UCSF criteria^{5,6}

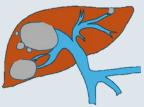
In single tumours ≤8 cm, TARE can be an alternative option for patients who are unfavourable for resection⁷

BCLC-B⁸ intermediate HCC – phenotype driven



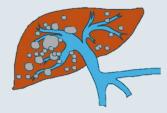
- Well defined nodules
- Selectable
- Within extended transplant criteria
- Preserved portal flow

LT may be considered



- Well defined nodules
- Selectable
- Out of extended transplant criteria
- Preserved portal flow

TACE recommended



- Non-selectable
- Diffuse
- Infiltrative
- Out of extended transplant criteria

Systemic Therapy recommended

Other sub-stratification criteria for intermediate HCC exist, such as Bolondi⁹ and Kinki¹⁰

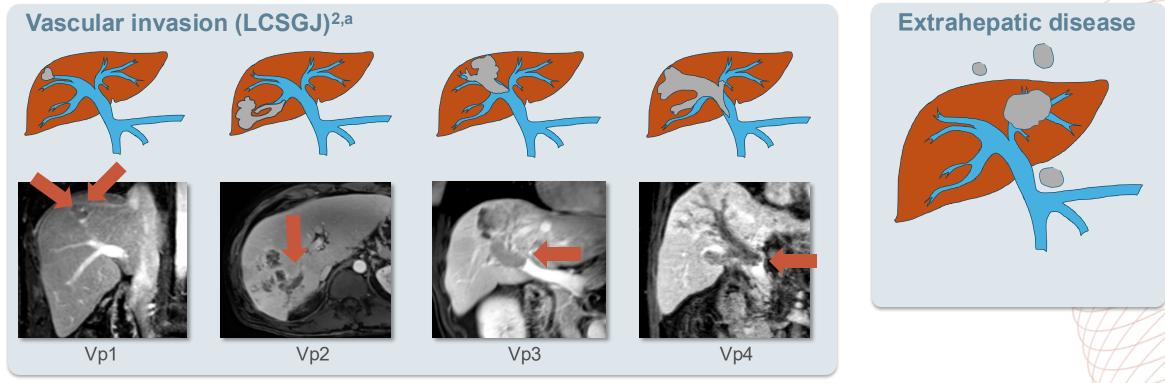
BCLC-B, Barcelona Clinic Liver Cancer Stage B; HCC, hepatocellular carcinoma; LT, liver transplant; TACE, transarterial chemoembolisation; TARE, transarterial radioembolization; UCSF, University of California, San Francisco; UNOS T2, United Network for Organ Sharing Tumour 2

Graphics kindly provided by Prof. Toskich

1. Famularo S, et al. HPB (Oxford). 2020;22:1349-1358; 2. Gundlach J-P et al. Z Gastroenterol. 2024;62:43-49; 3. Mazzaferro, et al. Lancet Oncology. 2009; 4. Chen H-Y, et al. J Formos Med Assoc. 2022;121:778-786; 5. Yao FY, et al. Am J Transplant. 2007;7:2587-2596; 6. Horwitz JK and Agopian VG. Curr Hepatol Rep. 2024;23:185-192. 7. Vogel A, et al. Ann Oncol. 2025 (article in press; 8 https://doi.org/10.1016/i.annonc.2025.02.006); 8. Reig M, et al. J Hepatol. 2022;76:681-693; 9. Bolondi L, et al. Semin Liver Dis. 2012;32:348-359; 10. Kudo M, et al. Dig Dis. 2015;33:751-758

HCC STAGING HETEROGENEITY AND SUBCLASSIFICATIONS ALSO APPLY TO ADVANCED HCC

- Patients with advanced HCC (BCLC-C) have vascular invasion and/or extrahepatic disease¹
- Patients with advanced HCC are candidates for systemic therapy but can be candidates for local therapy depending on the level of vascular invasion, disease biology, and liver involvement^{1,2}



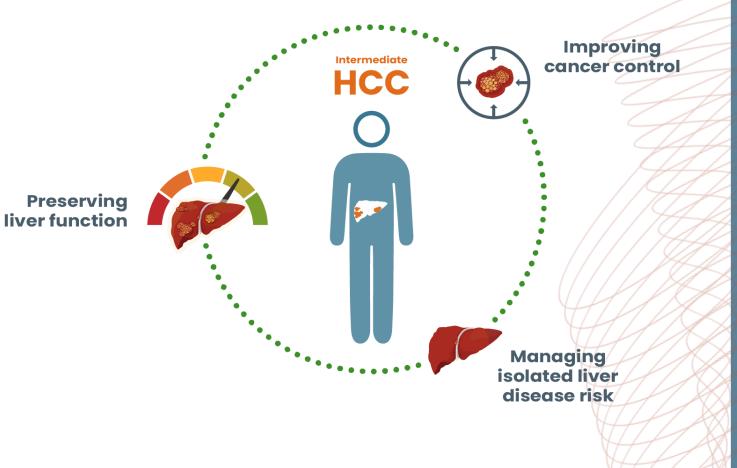
^a MRI scans and graphics kindly provided by Prof. Toskich

BCLC-C, Barcelona Clinic Liver Cancer Stage C; HCC, hepatocellular carcinoma; LCSGJ, Liver Cancer Study Group of Japan; MRI, magnetic resonance imaging; Vp, vascular portal (classification)

1. Reig M, et al. J Hepatol. 2022;76:681-693; 2. Chan SL, et al. World J Gastroenterol. 2016;22:7289-7300

COMPETING HAZARDS IN THE TREATMENT OF HCC PRIMARY CHALLENGES THAT MUST BE BALANCED

- Balancing the hazards
 - Treatment decisions in HCC require careful evaluation to optimise outcomes^{1,2}
 - **Preserve liver function:** ensuring the patient's liver can tolerate the chosen therapy¹
 - Control cancer progression: selecting the optimal treatment strategy to effectively target the cancer^{1,2}
 - Understand and manage isolated liver disease risk: identifying the patient's hepatic substrate hazard, regardless of their cancer therapy, and ensuring comprehensive care²

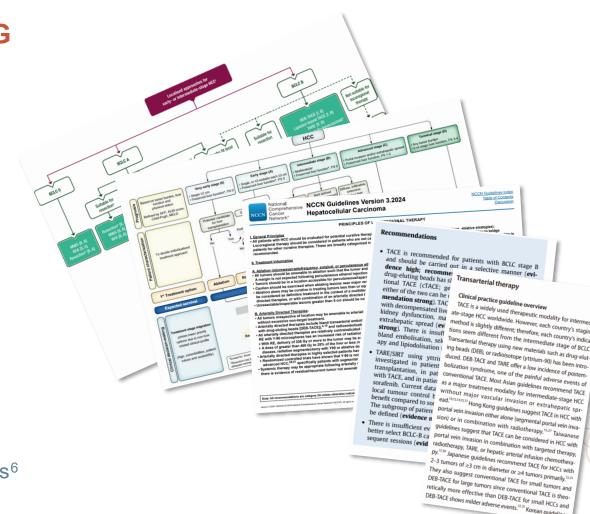


HCC, hepatocellular carcinoma

1. Devcic Z, et al. Semin Intervent Radiol. 2019;36:287-297; 2. Lurje I, et al. Int J Mol Sci. 2019;20:1465

HCC GUIDELINES OVERVIEW FOR FURTHER READING

- BCLC guidelines¹
 - More information HERE
- NCCN guidelines²
 - More information HERE
- AASLD Practice Guidance³
 - More information HERE
- ESMO Clinical Practice Guidelines⁴
 - More information HERE
- EASL Clinical Practice Guidelines^{5,a}
 - More information HERE
- Overview of Asian Clinical Practice Guidelines⁶
 - More information HERE



^a Guidelines need updating

AASLD, ;American Association for the Study of Liver Diseases; BCLC, Barcelona Clinic Liver Cancer (algorithm); EASL, European Association for the Study of the Liver; ESMO, European Society for Medical Oncology; HCC, hepatocellular carcinoma; NCCN, National Comprehensive Cancer Network

1. Reig M, et al. J Hepatol. 2022;76:681-693; 2. NCCN Clinical Practice Guidelines in Oncology. Hepatocellular Carcinoma (Version 4.2024). Available <u>here</u> (accessed January 2025); 3. Singal AG, et al. Hepatology. 2023;78:1922-1965; 4. Vogel A, et al. Ann Oncol. 2025 (article in press; https://doi.org/10.1016/j.annonc.2025.02.006); 5. EASL Guidelines. Management of hepatocellular carcinoma. Available <u>here</u> (accessed January 2025); 6. Cho Y, et al. Clin Mol Hepatol. 2023;29:252-262

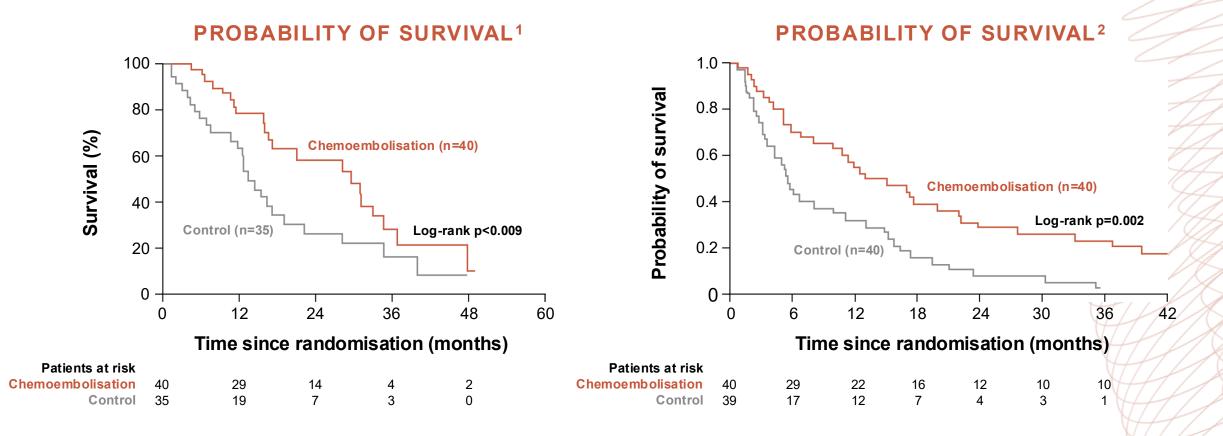
STANDALONE THERAPIES FOR HCC

LRT AND IO-BASED SYSTEMIC THERAPIES

HCC; hepatocellular carcinoma; IO, immuno-oncology therapy; LRT, locoregional therapy

LOCOREGIONAL THERAPIES STANDALONE EVIDENCE BENCHMARK STUDIES SUPPORTING TRANSARTERIAL CHEMOEMBOLISATION (TACE) AS STANDARD OF CARE

• Significant improvements in survival for patients with unresectable HCC

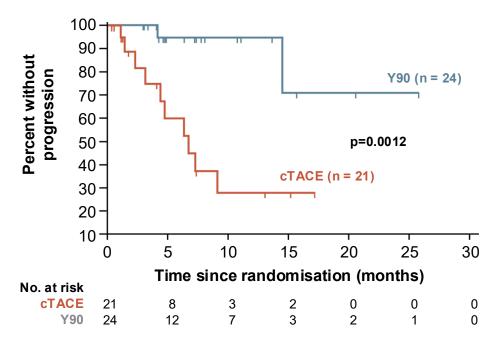


HCC, hepatocellular carcinoma;

1. Llovet JM, et al. Lancet. 2002;359:1734-1739; 2. Lo CM. Hepatology. 2002;35:1164-1171

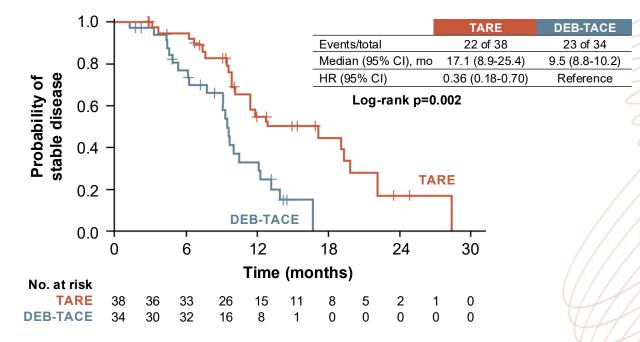
LOCOREGIONAL THERAPIES: STANDALONE EVIDENCE Y90 TRANSARTERIAL RADIOEMBOLISATION (TARE) COMPARED TO TACE

TTP IN INTENTION-TO-TREAT GROUP¹



- Unilobar 67%, bilobar 33% (BCLC not reported)
- Y90 prolongs TTP when compared with cTACE for early intermediate stage HCC

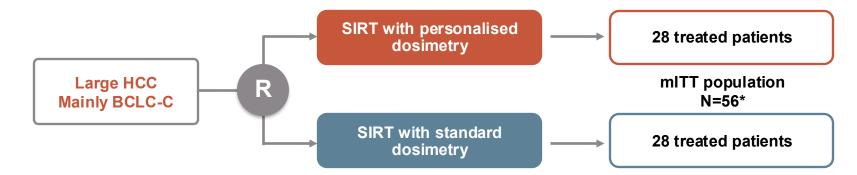
TTP IN INTENTION-TO-TREAT GROUP²



- BCLC A 18%, unilobar 50%, bilobar 50%
- Median TTP was 17.1 mo for TARE vs 9.5 mo for DEB-TACE (HR, 0.36; 95% CI: 0.18, 0.70; p=0.002)
- Median overall survival was 30.2 mo after TARE and 15.6 mo after DEB-TACE (HR, 0.48; 95% CI: 0.28, 0.82; p=0.006)

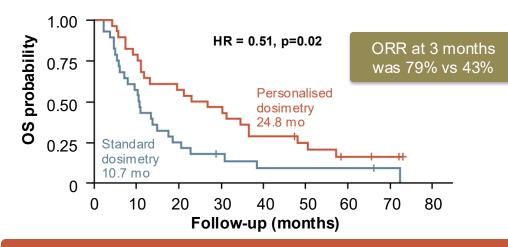
CI, confidence interval; cTACE, conventional TACE; DEB-TACE; drug-eluting bead TACE; HCC, hepatocellular carcinoma; HR, hazard ratio; mo, months; OS, overall survival; TACE, transarterial chemoembolisation; TARE, transarterial radioembolisation; TTP, time to overall tumour progression; Y90, yttrium 90 1. Salem R, et al. Gastroenterology. 2016;151:1155-1163.e2; 2. Dhondt E, et al. Radiology. 2022;303:699-710

LOCOREGIONAL THERAPIES: STANDALONE EVIDENCE TARE FOR ADVANCED HCC – DOSISPHERE-01 PHASE 2



MEDIAN OVERALL SURVIVAL





OS rate (%)	2 years	3 years	5 years	
Personalised vs. standard dosimetry	50.0 vs. 17.8	35.7 vs. 13.3	16.4 vs. 8.9	
Tumour dose ≥205 Gy vs. <205 Gy	48.5 vs. 13.3	35.7 vs. 13.3	18.3 vs. 6.7	
Resected vs. not resected	81.8 vs. 22.2	63.6 vs. 15.0	53.0 vs. 2.5	

Patients with advanced HCC treated with personalized TARE dosimetry have a median OS of 24.8 months and half of them are alive at 5 years if downstaged to resection

BCLC-C, Barcelona Clinic Liver Cancer Stage C; HCC, hepatocellular carcinoma; HR, hazard ratio; mITT, modified intent-to-treat population; mo, months; OS, overall survival; ORR, objective response rate; **The study was designed for 254 patients, and stopped preliminary due to a predetermined efficacy criterion* Garin E, et al. J Nucl Med. 2024;65:264-269

LOCOREGIONAL THERAPIES IN INTERMEDIATE HCC SUMMARY: ACHIEVED RESULTS FOR TACE AND TARE (Y90)

• TACE (Transarterial Chemoembolisation):

- Historically, TACE has been the standard of care for unresectable HCC^{1,2}
- It offers a favourable response rate and is generally well-tolerated³ but has limitations, including a shorter time to progression⁴ and a lack of the ablative capability seen with TARE⁵
- While it has the most supporting evidence, TACE usage is declining,⁶ especially in the USA, where TARE and systemic therapies are increasingly favoured⁷⁻⁹

• TARE (Transarterial Radioembolisation):

- TARE is frequently used for patients with more localised disease (BCLC stage A)^{10,11} and as an ablative treatment for larger tumours or those with macrovascular invasion^{12,13}
- In the USA, TARE is now the most common bridging therapy for liver transplant candidates⁹
- Its use in combination with IO regimens shows promise and is being investigated with multiple ongoing trials 14,15
- TARE may have a unique mechanism of action by modulating the immune microenvironment,¹⁶ distinct from TACE
- TARE can induce liver remnant hypertrophy and enable resection¹⁷

BCLC-A, Barcelona Clinic Liver Cancer Stage A; HCC, hepatocellular carcinoma; TACE, transarterial chemoembolisation; TARE, transarterial radioembolisation; USA, United States of America; Y90, yttrium 90

1. Gao H, et al. BMJ Support Palliat Care. 2023;14(e2):e003870; 2. ASCO Daily News. EMERALD-1 Trial Shows PFS Benefit With Addition of Durvalumab/Bevacizumab to TACE in Unresectable, Embolization-Eligible HCC. Available here (accessed January 2025); 3. Kotsifa E, et al. J Pers Med. 2022;12:436; 4. Brown AM, et al. Cancer Med. 2023;12:2590-2599; 5. Young S and Golzarian J. AJR Am J Roentgenol. 2020;215:223-234; 6. Pelizzaro F, et al. Fron Oncol. 2022;12:822507; 7. Ahn JC, et al. J Nucl Med. 2021;62:1692-1701; 8. Coffman-D'Annibale K, et al. Carcinogenesis. 2023;44:537-548; 9. Expert input; 10. Badar W, et al. Oncologist. 2024;29:117-122; 11. Guiu B, et al. Cardiovasc Intervent Radio. 2022;45:1599-1607; 12. Kim J, et al. J Nucl Med. 2022;63:1215-1222; 13. Garin E, et al. J Nucl Med. 2024;65:264-269; 14. Clinicaltrials.gov: NCT03040099 15. ClinicalTrials.gov: NCT05063565;16. Chew V, et al. Gut. 2019;68:335-346; 17. Entezari, P., RadioGraphics. 2022;42:2166-2183;



TACE



LRT VS SYSTEMIC TREATMENT STUDIES REASONS WHY WE SEE MORE PHASE 3 STUDIES FOR SYSTEMIC TREATMENTS

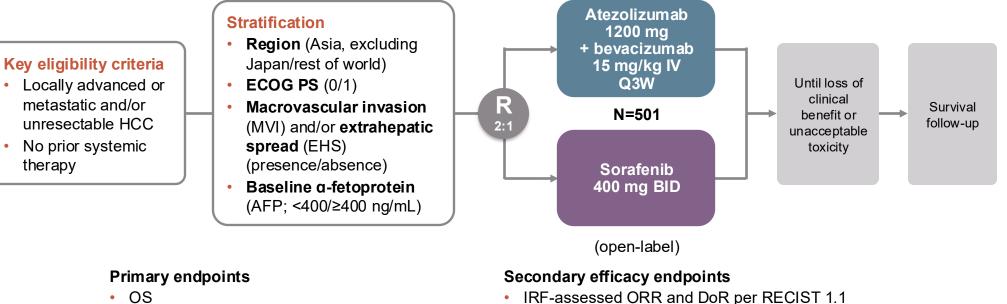
- Randomising patients to a procedural arm versus a non-procedural arm raises ethical concerns when Phase 2 results show efficacy and safety of the procedure
- Local treatments require resources and expertise that may not be available in all centres
- Perceived lack of standardisation in LRT
- Funding for LRT studies can be limited
- Post-progression options confound OS analyses for earlier-stage disease treatments
- Not all patients who are candidates for local therapy are referred for treatment
- Systemic therapy trials are often designed for later-stage disease and enrol quickly
- LRT studies can take a long time to enrol in which there may be a change in SoC at the time of completion
- Similarly, there are limited Phase 3 data for surgical studies

Getting data for locoregional therapies is not the same as getting data for systemic treatments

Expert input

BCLC, Barcelona Clinic Liver Cancer (algorithm); OS, overall survival; LRT, locoregional therapy; SoC, standard of care

ATEZOLIZUMAB + BEVACIZUMAB (IMbrave150) STUDY DESIGN



IRF-assessed PFS per RECIST 1.1

IRF-assessed ORR and DoR per HCC mRECIST

BID. twice daily: DoR. duration of response; ECOG, Eastern Cooperative Oncology Group performance status; HCC, hepatocellular carcinoma; IO, immunooncology; IRF, independent review facility; IV, intravenous; (m)RECIST, (modified) Response Evaluation Criteria in Solid Tumours; Q3W. every 3 weeks; R. randomisation; ORR, objective response rate; OS, overall survival

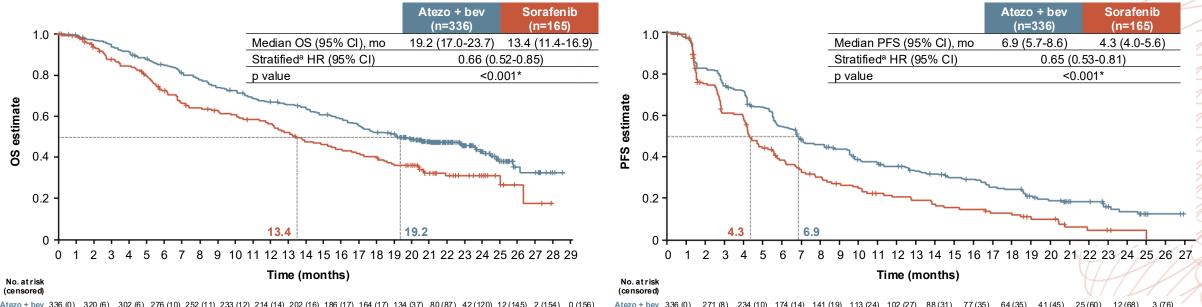
Finn RS, et al. N Engl J Med. 2020;382:1894-1905;

ATEZOLIZUMAB + BEVACIZUMAB (IMbrave150) RESULTS: OS AND PFS BENEFIT VERSUS SORAFENIB (UPDATED)

• With additional 12 months of follow-up, atezolizumab + bevacizumab continued to demonstrate a consistent clinically meaningful treatment benefit vs sorafenib

OVERALL SURVIVAL

PROGRESSION FREE SURVIVAL



 Atezo + bev
 336 (0)
 320 (6)
 302 (6)
 276 (10)
 252 (11)
 233 (12)
 214 (14)
 202 (16)
 186 (17)
 164 (17)
 134 (37)
 80 (87)
 42 (120)
 12 (145)
 2 (154)
 0 (156)

 Sorafenib
 165 (0)
 144 (11)
 128 (13)
 106 (17)
 92 (19)
 85 (21)
 78 (22)
 66 (22)
 61 (22)
 55 (22)
 44 (43)
 12 (55)
 3 (63)
 0 (65)
 0 (65)

 Atezo + bev
 336 (0)
 271 (8)
 234 (10)
 174 (14)
 141 (19)
 113 (24)
 102 (27)
 88 (31)
 77 (35)
 64 (35)
 41 (45)
 25 (60)
 12 (68)
 3 (76)

 Sorafenib
 165 (0)
 110 (18)
 84 (19)
 52 (23)
 39 (25)
 31 (26)
 24 (28)
 19 (28)
 17 (28)
 13 (29)
 9 (31)
 3 (33)
 1 (35)
 0 (35)

^a Stratification factors included are geographic region (Asia excluding Japan vs RoW), AFP level (<400 ng/mL vs ≥400 ng/mL) at baseline, and MVI and/or EHS (yes vs no) per IxRS;

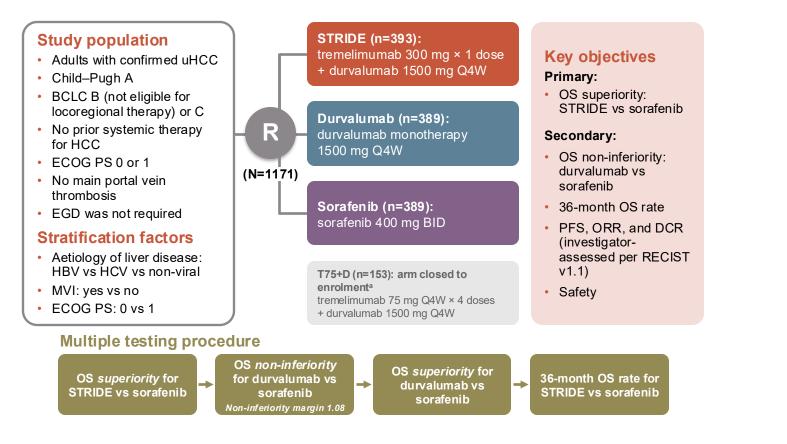
* p value for descriptive purposes only

atezo, atezolizumab; AFP, alpha fetoprotein; bev, bevacizumab; CI, confidence interval; EHS, extrahepatic spread; HR, hazard ratio; IO, immuno-oncology; IxRS, interactive voice/web response system; mo, months; MVI, macrovascular invasion; PFS, progression free survival; OS, overal survival; RoW, rest of world; Cheng A-L, et al. J Hepatol. 2022;76:862-873

ATEZOLIZUMAB + BEVACIZUMAB (IMbrave150) SUMMARY

- Atezolizumab + bevacizumab continued to demonstrate a consistent clinically meaningful treatment benefit vs sorafenib at 12 months additional follow-up
- The safety and tolerability of atezolizumab + bevacizumab remains consistent with the known safety profiles of each individual drug and the underlying disease
- The combination is the standard of care for previously untreated, unresectable HCC

DURVALUMAB + TREMELIMUMAB (HIMALAYA) STUDY DESIGN



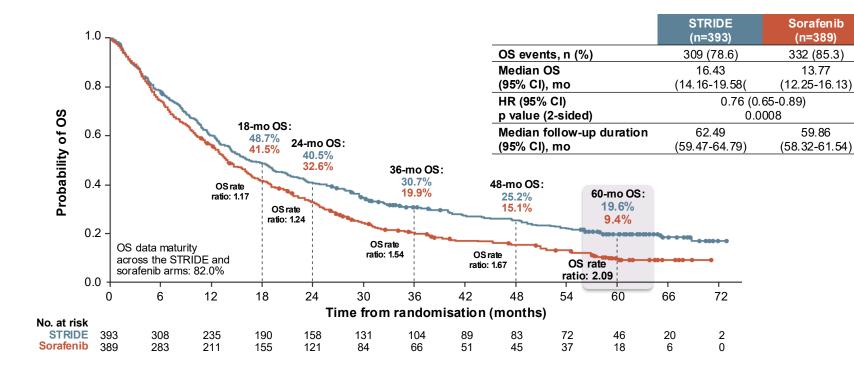
Treatment continued until unacceptable toxicity, or any discontinuation criteria were met. Participants with progressive disease who, in the investigator's opinion, continued to benefit from treatment and met the criteria in the setting of progressive disease could continue treatment

^a The T75+D arm (75 mg of tremelimumab Q4W for four doses plus 1500 mg of durvalumab Q4W) was closed following a preplanned analysis of a Phase 2 study. Participants randomised to this arm (n=153) could continue treatment following arm closure. Results from this arm are not reported in this presentation

BCLC-B/C, Barcelona Clinic Liver Cancer Stage B/C; BID, twice daily; DCR, disease control rate; ECOG PS, Eastern Cooperative Oncology Group performance status; EGD, esophagogastroduodenoscopy; HBV/HCV, hepatitis B/C virus; HCC, hepatocellular carcinoma; IO, immuno-oncology; MVI, macrovascular invasion; ORR, objective response rate; OS, overall survival; PFS, progression-free survival; Q4W, every 4 weeks; R, randomised; RECIST, Response Evaluation Criteria in Solid Tumours; STRIDE, single tremelimumab regular interval durvalumab; uHCC, unresectable HCC

Abou-Alfa GK, et al. NEJM Evid. 2022;1:EVIDoa2100070; Rimassa L, et al. ESMO 2024. Abstract #947MO

DURVALUMAB + TREMELIMUMAB (HIMALAYA) RESULTS: STRIDE DEMONSTRATED A SUSTAINED OS BENEFIT AT 5 YEARS



- There were no additional serious safety events
- OS benefit with STRIDE was enhanced in participants experiencing disease control (OS rates of 28.7% for STRIDE vs 12.7 for sorafenib at 5 years)

OS HRs and 95% CIs were calculated using a Cox proportional hazards model adjusting for treatment aetiology, ECOG PS, and MVI. Updated analysis data cutoff: March 1, 2024 CI, confidence interval; ECOG PS, Eastern Cooperative Oncology Group performance status; HR, hazard ratio; IO, immuno-oncology; mo, months; MVI, macrovascular invasion; OS, overall survival; STRIDE, single tremelimumab regular interval durvalumab Rimassa L, et al. ESMO 2024. Abstract #947MO. Oral presentation

DURVALUMAB + TREMELIMUMAB (HIMALAYA) SUMMARY

- STRIDE demonstrated an unprecedented 5-year survival rate
 - There were no additional serious treatment-related adverse events (TRAEs) in the extended follow-up
- The results set a new benchmark in uHCC, with one in five patients alive with STRIDE at 5 years

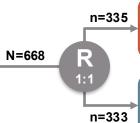
NIVOLUMAB + IPILIMUMAB (CheckMate 9DW) STUDY DESIGN

Key eligibility criteria

- uHCC^a
- ≥1 measurable lesion (RECIST v1.1)
- Systemic therapy naive
- Child–Pugh score 5 or 6
- ECOG PS 0 or 1
- No main portal vein invasion (Vp4)

Stratification factors

- Aetiology (HBV vs HCV vs uninfected)^b
- MVI/EHS (present vs absent)
- AFP (<400 vs ≥400 ng/mL)



NIVO 1 mg/kg IV + IPI 3 mg/kg IV Q3W (up to 4 cycles) then NIVO 480 mg Q4W^c

Investigator's choice of LEN 8 mg^d or 12 mg^e PO QD or SOR 400 mg PO BID

Treatment until disease progression, unacceptable toxicity, withdrawal of consent (all arms), or a maximum treatment duration of 2 years (NIVO + IPI arm only)

Among 325 patients treated with LEN or SOR: 275 (85%) received LEN and 50 (15%) received SOR

Primary endpoint

• OS

Secondary endpoints

ORR and DoR by BICR per RECIST v1.1

Key exploratory endpoints

- PFS by investigator per RECIST v1.1
- PFS2 by investigator
- Safety

At data cutoff (January 31, 2024), the median follow-up^f was 35.2 months (range, 26.8-48.9)

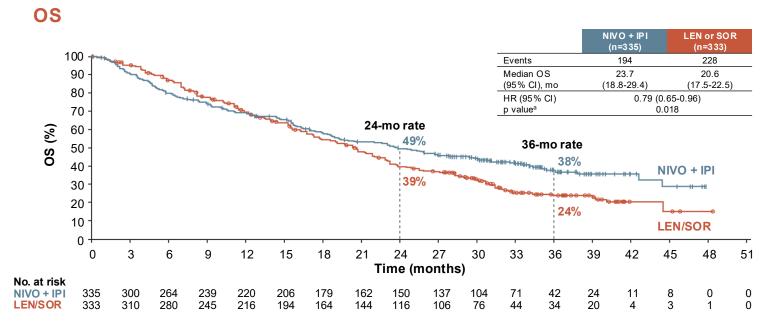
^a Disease not eligible for, or progressive disease after, curative surgical and/or locoregional therapies; ^b Based on central lab serology results for stratification purpose; ^c Minimum of 1 dose of nivolumab + ipilimumab is required before proceeding to nivolumab monotherapy; ^d If body weight <60 kg; ^e If body weight ≥60 kg; ^f Time between randomisation date and cutoff date

AFP, alpha-fetoprotein; BICR, blinded independent central review; BID, twice daily; DoR, duration of response; ECOG PS, Eastern Cooperative Oncology Group performance status; EHS, extrahepatic spread; HBV/HCV, hepatitis B/C virus; IO, immuno-oncology; IPI, ipilimumab; IV, intravenous; LEN, lenvatinib; MVI, macrovascular invasion; NIVO, nivolumab; ORR, objective response rate; OS, overall survival; PFS, progression-free survival; PFS2, second PFS; PO, oral; Q3W, every 3 weeks; Q4W, every 4 weeks; QD, once daily; R, randomised; RECIST, Response Evaluation Criteria in Solid Tumours; SOR, sorafenib; uHCC, unresectable hepatocellular carcinoma; Vp, vascular portal (classification)

ClinicalTrials.gov: NCT04039607; Decaens T, et al. ESMO 2024. Abstract #965MO. Oral presentation

NIVOLUMAB + IPILIMUMAB (CheckMate 9DW) RESULTS: PRIMARY ENDPOINT WAS MET

• There was a statistically significant and clinically meaningful OS benefit with nivolumab + ipilimumab versus lenvatinib or sorafenib



TRAEs

	Nivolumab + ipilimumab (n=332)			Lenvatinib or sorafenib (n=325)			
All treated patients, n (%)	Any grade	Grade 3 or 4	Any grade leading to D/C	Any gra de	Grade 3 or 4	Any grade leading to D/C	
Any TRAEs ^b	278 (84)	137 (41)	59 (18)	297 (91)	138 (42)	34 (10)	
Treatment-related hepatic events							
Hepatobiliary dis orders	44 (13)	35 (11)	15 (5)	15 (5)	10 (3)	4 (1)	
Hepatobiliary investigations ^c AST increased ALT increased Bilirubin increased	65 (20) 63 (19) 14 (4)	20 (6) 16 (5) 1 (<1)	4 (1) 3 (<1) 1 (<1)	27 (8) 19 (6) 23 (7)	2 (<1) 3 (<1) 5 (2)	1 (<1) 0 1 (<1)	
Treatment-related deaths ^d		12 (4) ^e			3 (<1) ^f	Ž	

25

Median OS is estimated using Kaplan–Meier methodology. HR and 95% CI from stratified Cox proportional hazards model. HR is nivolumab + ipilimumab over lenvatinib or sorafenib. Symbols represent censored observations

^a Two-sided p value from stratified log-rank test. Boundary for statistical significance: $p \le 0.0257$; ^b Includes events reported between first dose and 30 days after the last dose of study therapy ^c Reported in $\ge 5\%$ of patients; ^d Treatment-related deaths were reported irrespective of timeframe; ^e TRAEs leading to death included immune-mediated hepatitis (n=4), hepatic failure (n=3), and hepatic insufficiency, decompensated cirrhosis, diarrhoea-colitis, autoimmune haemolytic anaemia, and dysautonomia (n=1 each). In the nivolumab + ipilimumab arm, 2 patients with hepatic-related causes of death died at least 90 days after the last dose of study treatment. Furthermore, disease progression per BICR was confirmed in 1 patient (with hepatic failure as cause of death) and was suspected by imaging test in 3 additional patients (2 with immune-mediated hepatitis as cause of death and one with hepatic cirrhosis as cause of death); ^f TRAEs leading to death included hepatorenal syndrome, ischaemic stroke, and acute kidney injury (n = 1 each)

ALT, alanine aminotransferase; AST, aspartate aminotransferase; BICR, blinded independent central review; CI, confidence interval; D/C, discontinuation; HR, hazard ratio; IO, immuno-oncology; IPI, ipilimumab; LEN, lenvatinib; NIVO, nivolumab; mo, months; OS, overall survival; SOR, sorafenib; TRAE, treatment-related adverse event Decaens T, et al. ESMO 2024. Abstract #965MO. Oral presentation

NIVOLUMAB + IPILIMUMAB (CheckMate 9DW) SUMMARY

- Nivolumab + ipilimumab demonstrated statistically significant OS benefit versus lenvatinib or sorafenib, with higher ORR and durable responses, in patients with previously untreated uHCC¹
- Safety was manageable and consistent with the established safety profile of the regimen
 - Most treatment-related hepatic events were grade 1 / 2 laboratory abnormalities
 - The majority of the immune-mediated adverse events were grade 1 / 2 and did not result in treatment discontinuation
- Results further support nivolumab + ipilimumab as a 1st line treatment option for patients with uHCC²

IO, immuno-oncology; OS, overall survival; ORR, objective response rate; OS, overall survival; uHCC, unresectable HCC 1. Decaens T, et al. ESMO 2024. Abstract #965MO. Oral presentation 2. Nivolumab Plus Ipilimumab Receives EC Approval for First-Line Unresectable HCC. Available here (accessed March 2025)

IO-BASED THERAPIES FOR UNRESECTABLE HCC SUMMARY: ACHIEVED RESULTS FOR IO-BASED STANDALONE THERAPIES

- Atezolizumab + bevacizumab is an IO-based combination approved for 1st line treatment for patients with unresectable HCC¹
 - ORR 30%, mOS 19.2 months²
- Durvalumab + tremelimumab (STRIDE) is a dual IO combination approved for 1st line treatment for patients with unresectable HCC³
 - 20% survival rate at 5 years.⁴
 - Among the 5-year survival, some patients had stable disease while treated with the STRIDE regimen
- Nivolumab + ipilimumab is a dual IO combination and received EC approval for 1st line treatment for patients with unresectable HCC⁶
 - ORR 36%,⁵ mOS 23.7 months⁵, median duration of response >30 months⁵
- IO and IO-based therapies are generally well-tolerated and immune-related adverse events can be managed with steroids³⁻⁵

IO and IO-based combinations have revolutionised the systemic treatment of unresectable HCC

HCC, hepatocellular carcinoma; IO, immuno-oncology; mOS; median overall survival; ORR, objective response rate; STRIDE; Single Tremelimumab Regular Interval Durvalumab

1. Jain A, et al. World J Hepatol. 2021;13:1132-1142; 2. Cheng A-L, et al. J Hepatol. 2022;76:862-873; 3. Fujii Y, et al. Oncology. 2024. doi: 10.1159/000542517 (Online ahead of print); 4. Rimassa L, et al. ESMO 2024. Abstract #947MO. Oral presentation; 5. Decaens T, et al. ESMO 2024. Abstract #965MO. Oral presentation; 6. Nivolumab Plus Ipilimumab Receives EC Approval for First-Line Unresectable HCC. Available here (accessed March 2025)



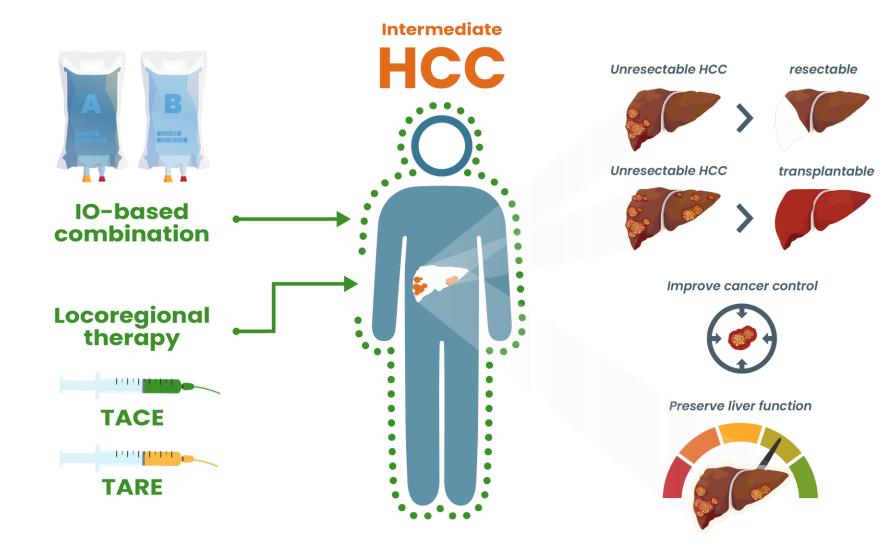
combination

THE EXPANDING ROLE OF IO-BASED COMBINATIONS IN INTERMEDIATE HCC

Exploring IO in combination with LRT

HCC, hepatocellular carcinoma; IO, immuno-oncology; LRT, locoregional therapy;

EXPLORING IO-BASED TREATMENTS COMBINED WITH LRT



29

HCC, hepatocellular carcinoma; IO, immuno-oncology; LRT, locoregional therapy; TACE, transarterial chemoembolisation; TARE, transarterial radioembolisation;

EXPLORING IO-BASED TREATMENTS COMBINED WITH LRT STRENGTHS OF ONE THERAPY MITIGATE WEAKNESSES OF THE OTHER

Overview of the contemporary and potential use of Y90 and IO across the BCLC spectrum

Contemporary clinical use					Ģ		
Y90-RE					é	•	
	<u>A – Early</u>		<u>B – Intermediate</u>	<u>C – Adv</u>		lvanced	
BCLC Stage	Solitary, 3 up to 3 cm	Extended transplant	Well-defined tumours	Infiltrative, bilobar	Vascular invasion	Extrahepatic metastasis	
	Out of field progression			Narrow therapeutic index			
Y90-RE limitations potentially addressed with ICI	Watershed regions						
			Complete tumour coverage				
				Microsatellite disease	e		
				Low response	e rates (<30%)		
ICI limitations potentially addressed with Y-90-RE			Tolerability and candidacy of full ICI regimens			ns	
			Immu	inologically cold tumo	rs and microenvironments		
Potential combination treatment strategies	High-risk biology: Y90-RE primary, ICI adjuvant	Y90-RE primary, ICI adjuvant	Y90-RE primary, ICI adjuvant	ICI primary, Y90-RE adjuvant	lf Vp1-Vp2: Y90-RE primary, ICI adjuvant	ICI primary, Y90-RE adjuvant	
Advantages of combination	Less malignant subclone selection, unaddressed microscopic disease, cancer vaccine?			Increase ORR, immune modulation, downstage to resection, FLR hypertrophy			
Disadvantages of combination	Need for ICI washout in peri-transplant setting, additional adverse event profile			Hepatic decompensation risk, limiting efficacy of ICIs			
The combination of locoregional therapies and IO-based treatments							

The combination of locoregional therapies and IO-based treatments could improve local and systemic control of the disease

BCLC, Barcelona Clinic Liver Cancer (algorithm); FLR, future liver remnant; ICI, immune checkpoint inhibitor; IO, immuno-oncology; LRT, locoregional therapy; ORR, overall response rate; RE, radioembolisation; VEGF, vascular endothelial growth factor; Vp, vascular portal (classification); Y90, yttrium 90

Malone CD, et al. J Vasc Interv Radiol. 2024;S1051-0443(24)00718-8

EXPLORING IO-BASED TREATMENTS COMBINED WITH LRT IN HCC SYNERGISTIC EFFECTS VS ADDITIVE EFFECTS

- **Synergy** refers to a therapy combination that is more efficacious than the sum of its individual parts
 - LRT can enhance the release of tumour antigens and modify the tumour immune microenvironment. This may synergise with IO to strengthen the anti-tumour immune response, which in turn improves local therapy outcomes
- Additive refers to a therapy combination that is efficacious up to the sum of its individual parts:
 - If a combination of locoregional and systemic treatment is used, it must generally demonstrate outcomes that surpass the results achieved in the individual trials of each approach
- A deep dive into tumour characteristics is needed for proper patient selection and treatment design
 - Identifying which patient presentation and tumour phenotypes benefit from the treatment intensification of combination IO and LRT is a critical next step for more universal adoption
 - There may be some patients who are interested in the potential benefit of combination prior to maturation of these data due to clinically observed durable effects in select cases

EXPLORING IO-BASED TREATMENTS COMBINED WITH LRT WHAT WOULD BE THE MAIN TREATMENT MODALITY IN INTERMEDIATE HCC?

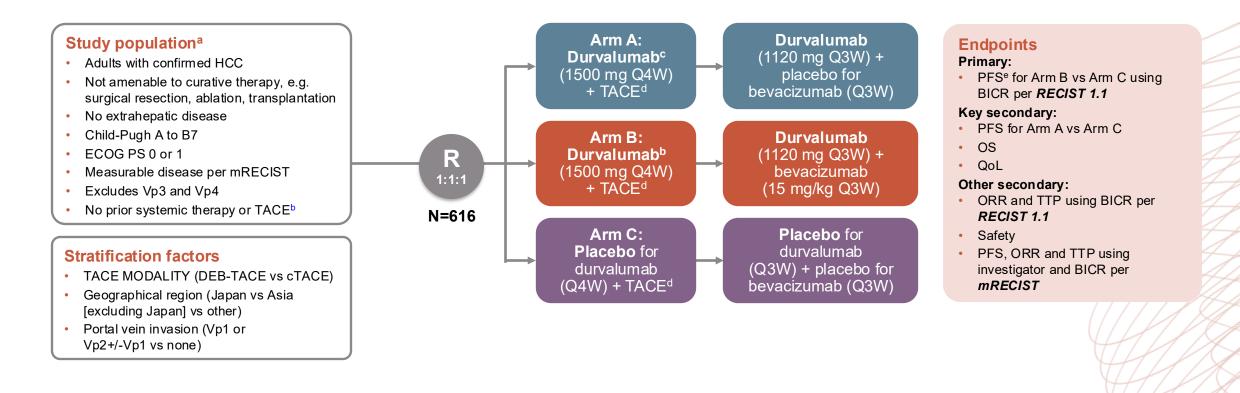
- Locoregional therapies as primary therapy:
 - 1. Locoregional therapy targets and optimises the definitive treatment of visible disease
 - 2. IO-based treatment addresses presumed invisible disease and enhances systemic antitumour immune response
- Considerations
 - Therapeutic goals:
 - Downstaging / bridge to curative treatment may favour locoregional therapy as the main treatment modality
 - Systemic control may favour IO-based therapy as the main treatment modality
 - Disease load:
 - Earlier stages (intermediate) / limited amount of disease may favour locoregional therapy first
 - More extensive disease may favour IO-based therapy first
 - Liver reserve:
 - Locoregional therapy is appropriate for good liver reserve
 - IO-based therapy can be considered when local therapy may cause liver dysfunction

• Efficacy of the combination of therapies is likely optimised when given in "relatively close proximity"

• There is insufficient evidence to declare one sequencing strategy universally better than others

HCC, hepatocellular carcinoma; IO, immuno-oncology; LRT, locoregional therapy Williamson CW, et al. Cancer. 2021;127:1553-67 and expert input

IO-BASED TREATMENTS COMBINED WITH LRT EMERALD-1: STUDY DESIGN



^a Upper endoscopy to evaluate varices and risk of bleeding was required within 6 months of randomisation; ^b Prior 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; ^c Durvalumab/placebo started \geq 7 days after TACE; ^d DEB-TACE or cTACE, Participants will receive up to 4 TACE procedures within the 16 weeks following Day 1 of their first TACE procedure; ^e 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 was used after the 12-week imaging

BICR, blinded independent central review, cTACE, conventional TACE; DEB-TACE, drug-eluting TACE; ECOG PS, Eastern Cooperative Oncology Group performance status; HCC, hepatocellular carcinoma; IO, immuno-oncology; LRT, locoregional therapy; (m)RECIST, (modified) Response Evaluation Criteria in Solid Tumours; ORR, objective response rate; OS, overall survival; PFS, progression-free survival; Q3W/Q4W, every 3/4 weeks; QoL, quality of life; R, randomisation; TACE, transarterial chemoembolisation; TAE, transarterial embolisation; TTP, time to progression; Vp, vascular portal (classification)

33

Lencioni R, et al. J Clin Oncol. 2024;42(3 suppl)LBA432. DOI:10.1200/JCO.2024.42.3_suppl.LBA432; Sangro B, et al. Lancet. 2025;405:216-232

IO-BASED TREATMENTS COMBINED WITH LRT EMERALD-1: RESULTS – PRIMARY ENDPOINT WAS MET

Median PFS Stratified log-rank Median PFS was (95% CI), months HR (95% CI) p value improved with **Durvalumab plus** 15.0 bevacizumab plus TACE (11.1-18.9)0.77 durvalumab + 100 group (n=204) 0.032* Progression-free survival (%) (0.61 - 0.98)8.2 Placebos + TACE group bevacizumab + TACE (6.9-11.1)(n=205) 80 versus placebos + TACE 12-mo PFS 55.5% **18-mo PFS** 60 No new safety signals 39.8% 43.1% 28.3% were identified 40 Patients continue to be Durvalumab plus bevacizumab + TACE group 20 followed for OS Placebo + TACE group 0 12 15 18 21 24 30 33 36 39 42 45 48 517 54 3 6 9 27 Number at risk 0 (number censored) Time (months) **Durvalumab plus** 204 162 134 114 94 82 64 53 43 32 23 15 2 2 0 0 0 6 4 bevacizumab + (29) (36)(39) (66) (68) (68) (0)(11) (14) (19) (26) (41) (47) (54) (59) (62) (64) (66) (68) **TACE** group 205 62 159 121 81 51 39 35 32 15 10 2 2 0 0 0 0 24 0 (33) (36)(37) (38) (48) (52) (54) (56) (56) (56) Placebos + TACE (0)(15)(25) (30) (41) (46)(54) (56) (7)group

34

* Threshold of significance: 0.044

CI, confidence interval; HR, hazard ratio; LRT, locoregional; IO, immuno-oncology; OS, overall survival; PFS, progression-free survival; TACE, transarterial chemoembolisation

Sangro B, et al. Lancet. 2025;405:216-232

IO-BASED TREATMENTS COMBINED WITH LRT EMERALD-1: SUMMARY

- EMERALD-1 met its primary endpoint:
 - Median PFS was 15.0 months with D+B+TACE and 8.2 months with placebo + TACE
 - PFS HR was 0.77, p=0.032
- PFS benefit with D+B+TACE was generally consistent across key clinical subgroups.
- The safety profile was manageable and consistent with the known safety profile of TACE, durvalumab and bevacizumab in unresectable HCC

Durvalumab + bevacizumab + TACE has the potential to set a new standard of care

B, bevacizumab; D, durvalumab; HCC, hepatocellular carcinoma; HR, hazard ratio; IO, immuno-oncology; LRT, locoregional therapy; PFS, progression-free survival; TACE, transarterial chemoembolisation Sangro B, et al. Lancet. 2025;405:216-232

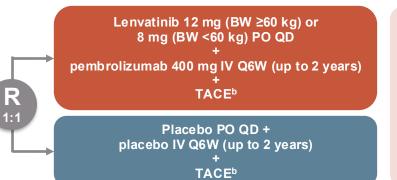
IO-BASED TREATMENTS COMBINED WITH LRT LEAP-012 – BACKGROUND AND STUDY DESIGN^{1,2}

Key eligibility criteria

- Confirmed HCC not amenable to curative treatment
- ≥1 measurable HCC lesion per RECIST v1.1
- All lesions treatable with TACE in 1 or 2 sessions
- No portal vein thrombosis or extrahepatic disease
- Child–Pugh liver class A
- ECOG PS 0 or 1

Stratification factors

- Study site
- AFP (≤400 ng/mL vs >400 ng/mL)
- ECOG PS (0 vs 1)
- Albumin-bilirubin grade (1 vs 2 or 3)
- Tumour burden score^{1,a} (≤6 vs >6 but ≤12 vs >12)



Endpoints Primary

- PFS^c and OS
 - IA1 is the final analysis for PFS
 - Initial alpha of 0.025 (1-sided) allocated to PFS; passed to OS if PFS is statistically significant

Secondary

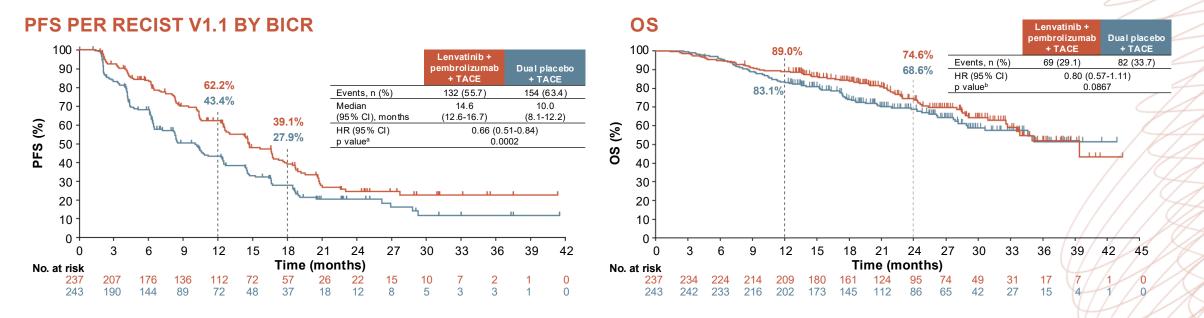
 Secondary: ORR,^{c,d} DoR,^{c,d} TTP,^{c,d} PFS,^d and safety

^a Largest tumour in cm + number of tumours; ^b 2-4 weeks after the start of systemic therapy with a maximum of 2 treatments per tumour (4 total) and no more than 1 treatment per month; ^c Per RECIST v1.1 by BICR; ^d Per mRECIST by BICR

AFP, alpha fetoprotein; BICR, blinded independent central review; BW, body weight; DoR, duration of response; ECOG PS, Eastern Cooperative Oncology Group performance status; HCC, hepatocellular carcinoma; IA1, interim analysis 1; IO, immuno-oncology; IV, intravenous; LRT, locoregional therapy; (m)RECIST, (modified) RECIST; ORR, objective response rate; OS, overall survival; PFS, progression-free survival; PO, oral; Q6W, every 6 weeks; QD, once daily; R, randomised; TACE, transarterial chemoembolisation; TTP, time to progression 1. ClinicalTrials.gov: NCT04246177; 2. Wang Q, et al. J Hepatol. 2019;70:893-903; 3. Llovet J, et al. ESMO 2024. Abstract #LBA3. Oral presentation

IO-BASED TREATMENTS COMBINED WITH LRT LEAP-012 – RESULTS: PRIMARY ENDPOINT IN PFS WAS MET

 There was a clinically meaningful and statistically significant improvement in PFS for patients with intermediate-stage HCC who received lenvatinib + pembrolizumab + TACE versus dual placebo + TACE



- Although immature, a favourable OS trend was observed
- The safety profile of lenvatinib + pembrolizumab, in combination with TACE, was manageable and consistent with known safety profiles

Data cutoff date for IA1: January 30, 2024; ^a One-sided p value from re-randomisation test; threshold p=0.025; ^b One-sided p from re-randomisation test; threshold p=0.0012 BICR, blinded independent central review; CI, confidence interval; HCC, hepatocellular carcinoma; HR, hazard ratio; IA1, interim analysis 1; IO, immuno-oncology; LRT, locoregional therapy; OS, overall survival; PFS, progression-free survival; RECIST, Response Evaluation Criteria in Solid Tumours; TACE, transarterial chemoembolisation Llovet J, et al. ESMO 2024. Abstract #LBA3. Oral presentation; Kudo M, et al. Lancet. 2025;405:203-215

37

IO-BASED TREATMENTS COMBINED WITH LRT LEAP-012 – SUMMARY

- LEAP-012 met its primary endpoint
 - Lenvatinib + pembrolizumab + TACE showed a statistically significant and clinically meaningful improvement in PFS versus double placebo + TACE in patients with intermediate-stage HCC
 - There was an early trend toward improvement in OS versus placebo + TACE in patients with intermediate-stage HCC
 - OS will be retested in future analyses
- The adverse event profile was consistent with known safety profiles of lenvatinib, pembrolizumab, and TACE
 - No new safety signals were identified

Lenvatinib + pembrolizumab + TACE may be accepted as a new standard of care in intermediate HCC

HCC, hepatocellular carcinoma; IO, immuno-oncology; LRT, locoregional therapy; OS, overall survival; PFS, progression free survival; TACE, transarterial chemoembolisation

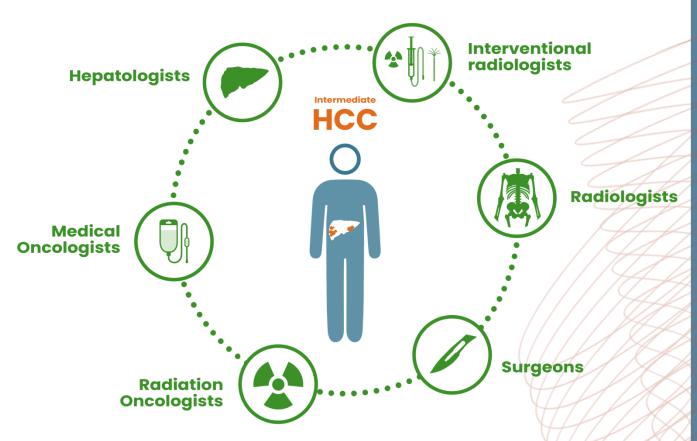
Llovet J, et al. ESMO 2024. Abstract #LBA3. Oral presentation; Kudo M, et al. Lancet. 2025;405:203-215

MDT AND MULTIMODAL TREATMENT IN HCC

HCC, hepatocellular carcinoma; MDT, multidisciplinary team

MULTIDISCIPLINARY TEAM APPROACH FOR HCC CONSIDERATIONS AND BEST PRACTICES

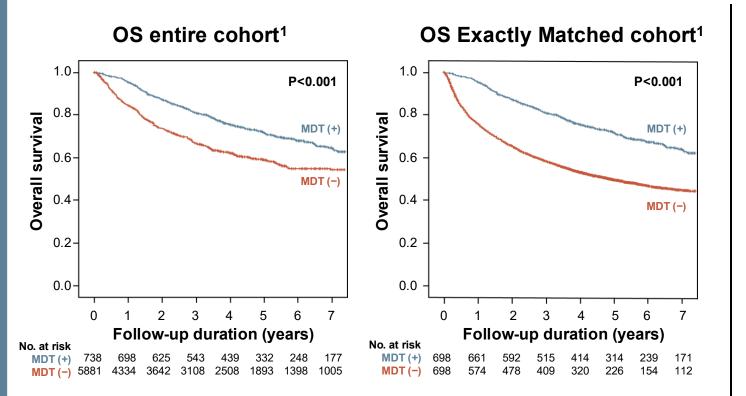
- HCC care is complex, and requires liver care and HCC treatment, which makes nuanced specialist assessment crucial¹
 - Programmatic, multidisciplinary clinical practice, through the course of treatment, is best¹
- MDT care is tailored to individual patient needs and provides optimal outcomes¹
 - Guidelines provide a foundation, but cannot capture all patient nuances²
 - Each specialty optimises its role, achieving more than a single specialist^{1,3}
 - Patient needs must always remain the top priority⁴



HCC, hepatocellular carcinoma; MDT, multidisciplinary team

1. Oh JH and Sinn DH. J Liver Cancer. 2024;24:47-56; 2. Matsumoto MM, et al. Cardiovasc Intervent Radio. 2021;44:1070-1080; 3. Naugler WE, et al. Clin Gastroenterol Hepatol. 2015;13:827-835; 4. Suddle A, et al. Gut. 2024;73:1235-1268

MULTIDISCIPLINARY TEAM APPROACH FOR HCC KEY TO OFFER OPTIMAL TREATMENT OPTIONS TO EACH PATIENT



5 year OS rate 71.4% MDT vs 58.7% non-MDT (P<0.001) MDT management benefit particularly significant in patients with ALBI 2 and 3 – BCLC B and C – AFP > 200 ng/mL

HCC, hepatocellular carcinoma; IO, immunotherapy; MDT, multidisciplinary team Sinn DH, et al. PLOS ONE 2019; 2. Dahan et al. Hepatology Communications, 2023

Association between multidisciplinary care and overall survival²

		Standa	rd				
Study	Log(HR)	error	Hazard Ratio	HR	95%-CI	Weight	
Yopp 2014	-0.92	0.1034		0.40	(0.33; 0.49)	17.0%	
Chirikov 2015	-0.15	0.0487	+	0.86	(0.78; 0.95)	18.4%	
Agarwal 2017	-0.33	0.1379		0.72	(0.55; 0.95)	15.8%	
Serper 2017	-0.19	0.0398	-	0.83	(0.77; 0.90)	18.6%	
Sinn 2019	-0.76	0.0655	-	0.47	(0.41; 0.53)	18.1%	
Duininck 2019	-0.48	0.2286		0.62	(0.40; 0.97)	12.2%	
Random effects	model (Hk	()		0.63	(0.45; 0.88)	100.0%	
Heterogeneity: I ²	= 95%, P<	0.01	0.5 1	2		(Z)	

Multidisciplinary care was significantly associated with improved survival



MULTIDISCIPLINARY TEAM APPROACH FOR HCC CONSIDERATIONS AND BEST PRACTICES

- Optimizing therapy while preserving liver function is critical for long-term survival of patients¹
 - The MDT discussion plays a crucial role in the best treatment approach to optimize treatment opportunities at each stage of disease while managing liver function¹⁻³
- The oncologic intent should be clearly defined for each patient^{2,4}
 - The MDT composition may vary based on the oncologic intent⁴
 - Curative intent: Eradicate all known disease⁴
 - Palliative intent: Improve survival, focus on QoL, disease control, symptom relief, etc.^{2,5} If these patients demonstrate durable response, they may be considered for curative intent⁴
- A full window of opportunity and exploration of treatment options within the MDT ensures the best possible outcomes⁴
 - The MDT allows for the agile reassessment of patients for modifying the care plan based on treatment response⁴

MDT, multidisciplinary team; QoL, quality of life

1. Naugler WE, et al. Clin Gastroenterol Hepatol. 2015;13:827-835; 2. Suddle A, et al. Gut. 2024;73:1235-1268; 3. Oh JH and Sinn DH. J Liver Cancer. 2024;24:47-56; 4. Miguet M, et al. J Visc Surg. 2019;156:217-227; 5. Woodrell CD, et al. Clin Ther. 2018;40:512-525

CONCLUSIONS

CONCLUSIONS

THE EXPANDING ROLE OF IMMUNOTHERAPY IN HEPATOCELLULAR CARCINOMA (HCC) – COMBINING LOCOREGIONAL AND SYSTEMIC TREATMENTS IN INTERMEDIATE HCC

- IO and IO combinations for advanced and intermediate HCC
 - IO and IO combinations are integrated into the 1st line treatment for unresectable HCC

Scientific rationale for IO in intermediate-stage HCC

- Intermediate-stage HCC is heterogeneous. LRT is the current SoC, but there are some patients who will be poor candidates.
- Multimodal approaches combining IO with LRT could potentially target both visible and invisible disease, particularly in more challenging disease presentations

• Efficacy and safety of IO + LRT combinations

- Combining IO with TACE shows promising outcomes in terms of safety and efficacy vs TACE alone
 - EMERALD-1 and LEAP-012 both meet their primary endpoints of PFS
 - Patients continue to be followed for OS data
- Safety profiles were manageable and consistent with the known safety profiles of each treatment

Multidisciplinary team coordination for optimal treatment

Collaboration among oncologists, hepatologists, interventional radiologists, transplant surgeons, and radiation oncologists is
essential for effective treatment planning, sequencing and comprehensive patient care

IO, immuno-oncology; LRT, locoregional therapy; OS, overall survival; PFS, progression free survival; SoC, standard of care; TACE, transarterial chemoembolisation



HCC

Connect on

Visit us at

connect

POWERED BY COR2ED



Heading to the heart of Independent Medical Education since 2012