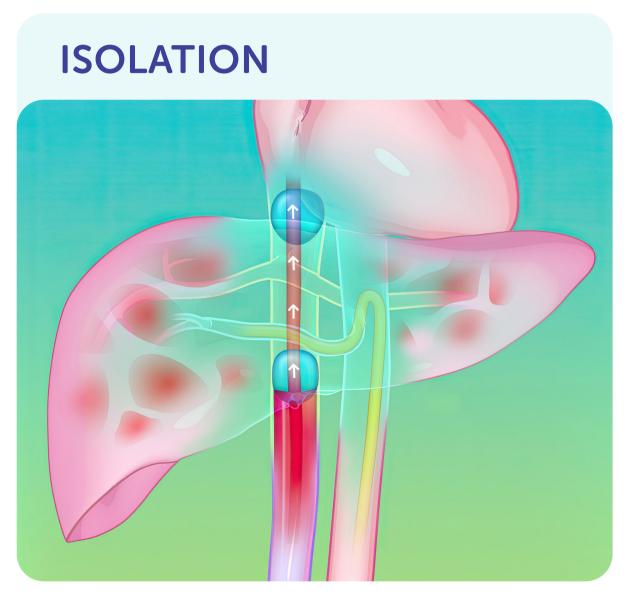
Subgroup Analysis of FOCUS Phase 3 Trial Efficacy Results.

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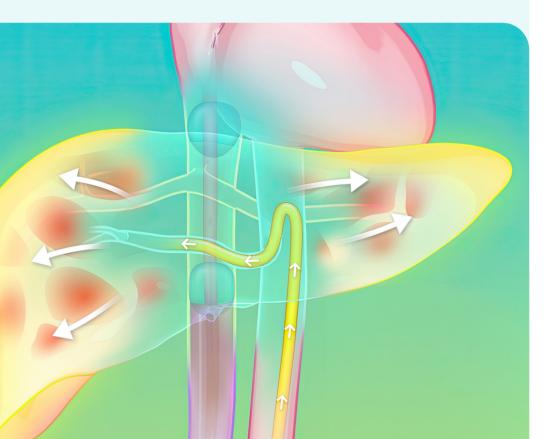
Background

- Metastatic uveal melanoma (mUM) has a poor prognosis, with liver metastases typically presenting a therapeutic challenge.¹
- Liver metastasis is the most common cause of death for patients with mUM.²
- Melphalan/Hepatic Delivery System (melphalan/HDS) is a drug/device combination used in the percutaneous hepatic perfusion (PHP) procedure for liver-directed treatment of unresectable metastatic tumors in mUM patients.
- The PHP procedure uniquely treats the entire liver by isolating liver circulation, saturating the entire liver with a high dose of melphalan, and then filtering the blood extracorporeally to remove up to 85% of the administered melphalan prior to returning the blood to systemic circulation.



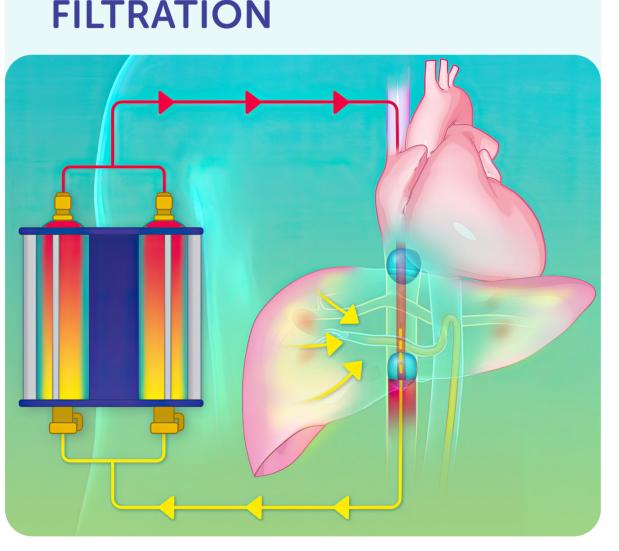
Liver isolated via Double Balloon Catheter in Inferior Vena Cava

SATURATION



Melphalan infused directly into liver via catheter in Hepatic Artery





Blood exiting the liver filtered by Extracorporeal Filters

Methods

- The FOCUS Trial treated 91 patients with melphalan/HDS in the US and Europe.
- Patients were treated with melphalan at 3 mg/kg ideal body weight (maximum dose: 220 mg per treatment) every 6-8 weeks for up to 6 cycles.
- Tumor response was assessed by CT or MRI every 12 (±2) weeks using RECIST 1.1 criteria.
- Patients with hepatic or extrahepatic progressive disease (PD) were discontinued from study treatment. All patients were followed until death.
- Efficacy endpoints including objective response rate (ORR), progression-free survival (PFS), overall survival (OS), were assessed in an exploratory analysis for subgroups of patients with and without extrahepatic disease, previously treated and treatment-naïve patients, and those with low and higher extent of liver involvement.
- Onset of tumor response and rates of serious adverse events (SAEs) and Grade 3/4 adverse events (AE) were assessed by treatment cycle.

Key Inclusion Criteria

- 50% or less liver involvement from metastatic uveal melanoma.
- Liver disease must be measurable by CT and/or MRI.
- Limited extrahepatic disease at baseline permitted if life-threatening component of disease is in liver.
- ECOG performance status of 0-1 at screening.
- Prior chemotherapy, radiotherapy, chemoembolization, radioembolization, or immunoembolization permitted after washout period of 30 days.
- Prior PD-1 immunotherapy, such as pembrolizumab or nivolumab, or anti–CTLA-4 immunotherapy, such as ipilimumab, permitted after washout period of 8 weeks.

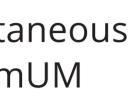
Key Exclusion Criteria

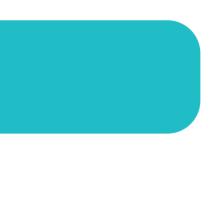
- Child-Pugh Class B or C cirrhosis or evidence of portal hypertension.
- New York Heart Association functional classification II, III or IV active cardiac conditions, or any cardiac conditions precluding use of general anesthesia.
- Clinically significant pulmonary disease that precludes use of general anesthesia.
- Prior Whipple procedure.
- Patients on immunosuppressive drugs or who cannot be temporarily removed from chronic anticoagulation therapy
- Patients with active bacterial infections with systemic manifestations
- (eg, malaise, fever, leukocytosis) are not eligible until completion of appropriate therapy.

REFERENCES

- 1. Kaštelan S, et al. Front Biosci (Landmark Ed). 2022 Feb 21;27(2):72.
- 2. Bakalian S, et al. Clin Cancer Res. 2008;14(4):951-956.

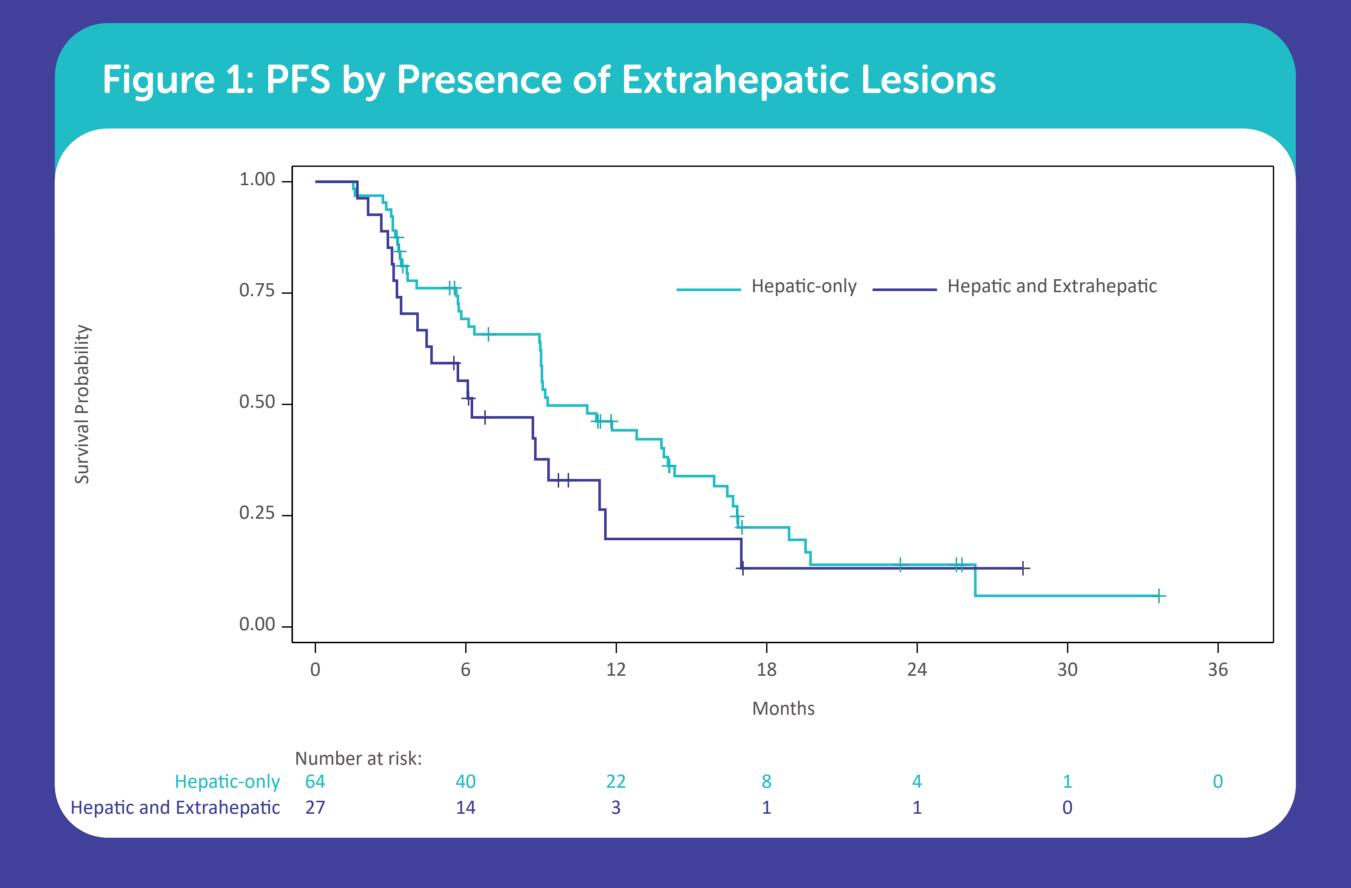


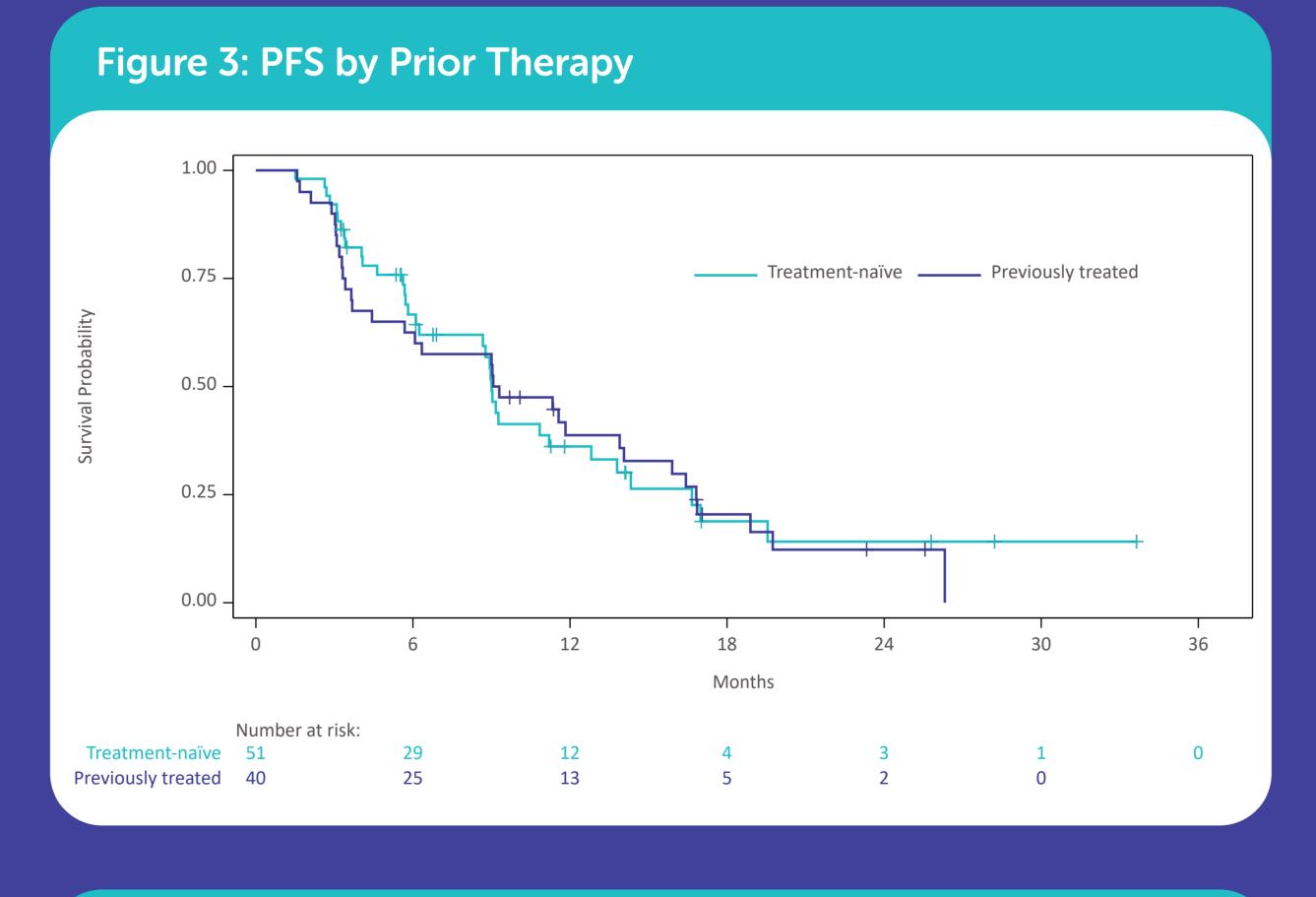




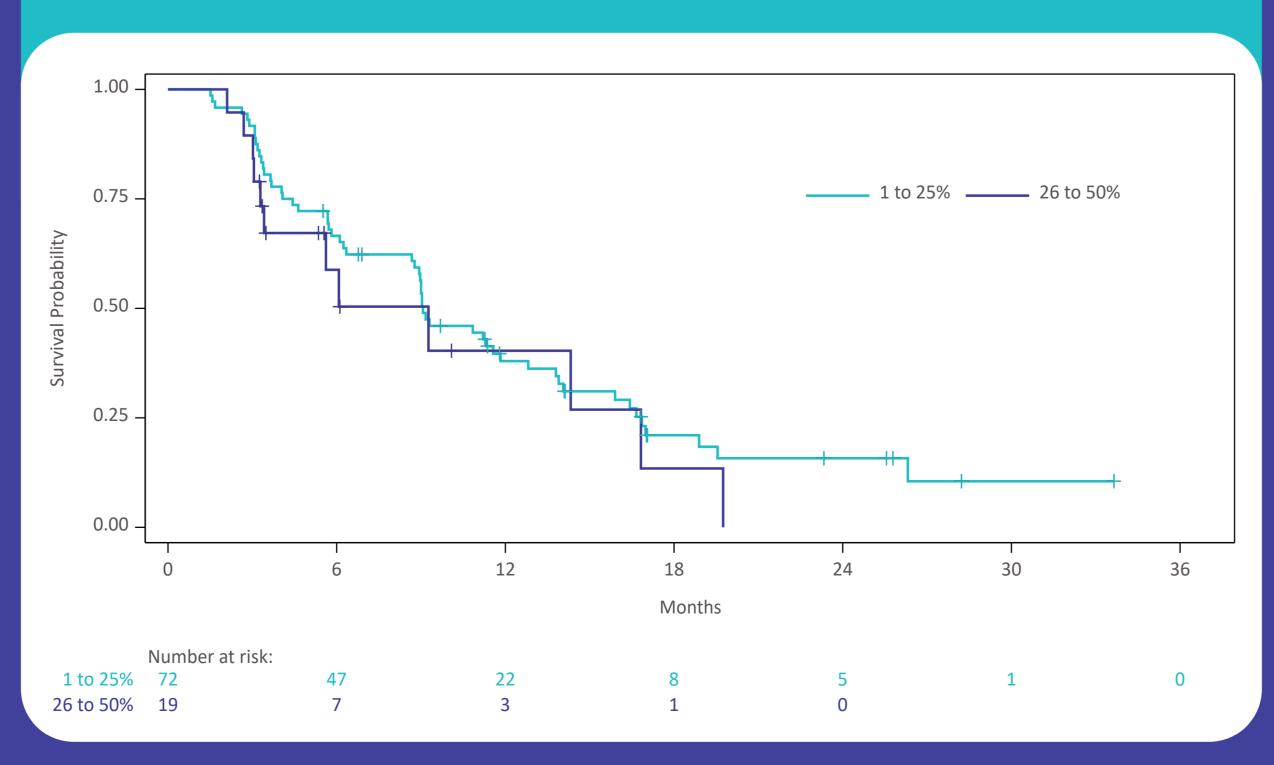


- There were no significant differences in OS based on presence of extrahepatic lesions or prior therapy.
- There were no significant differences in ORR or PFS based on presence of extrahepatic lesions, prior therapy, or extent of liver involvement.
- Rates of SAEs and Grade 3/4 AEs were largely consistent across treatment cycles, suggesting an absence of cumulative toxicities after multiple treatments.

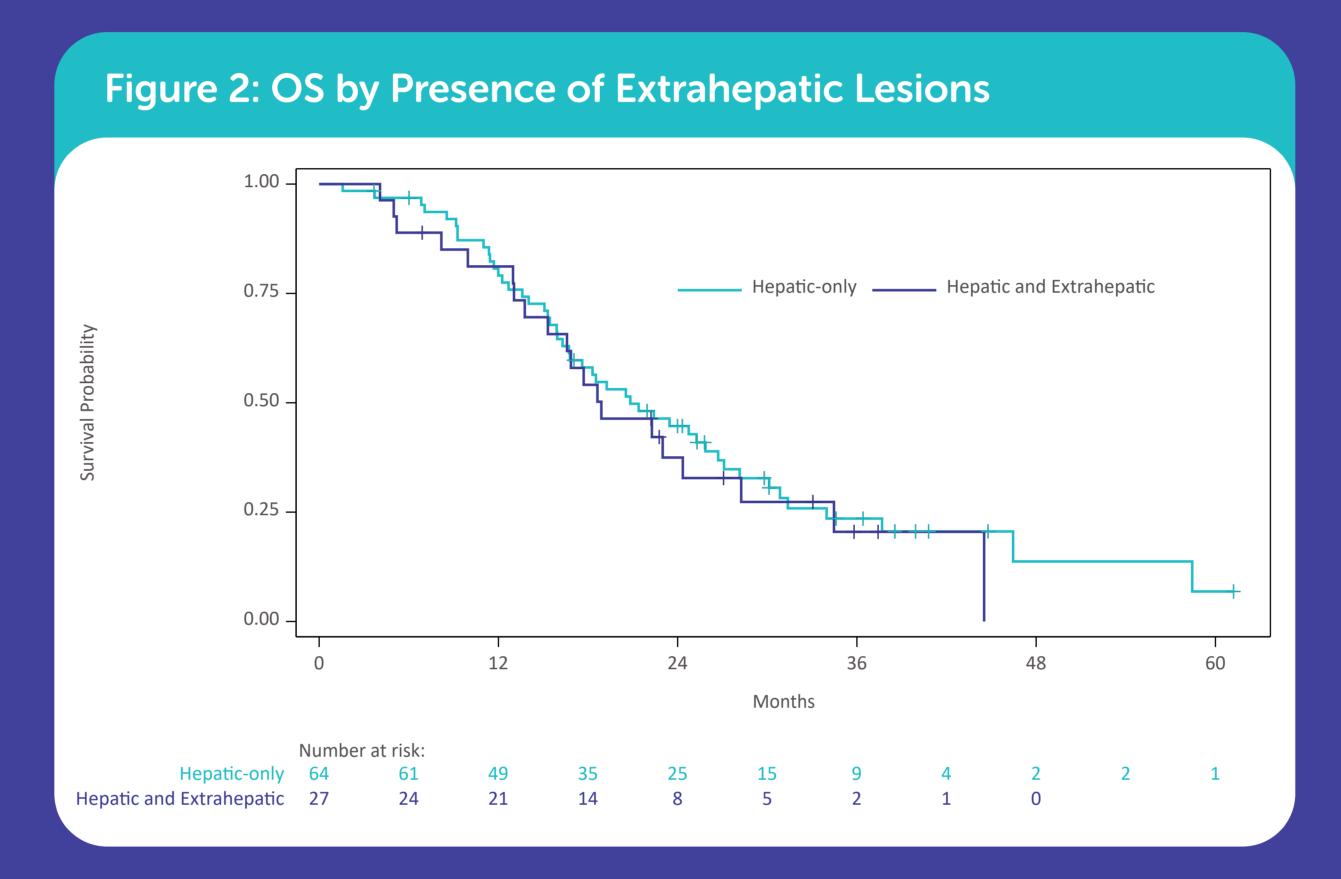








Key Results



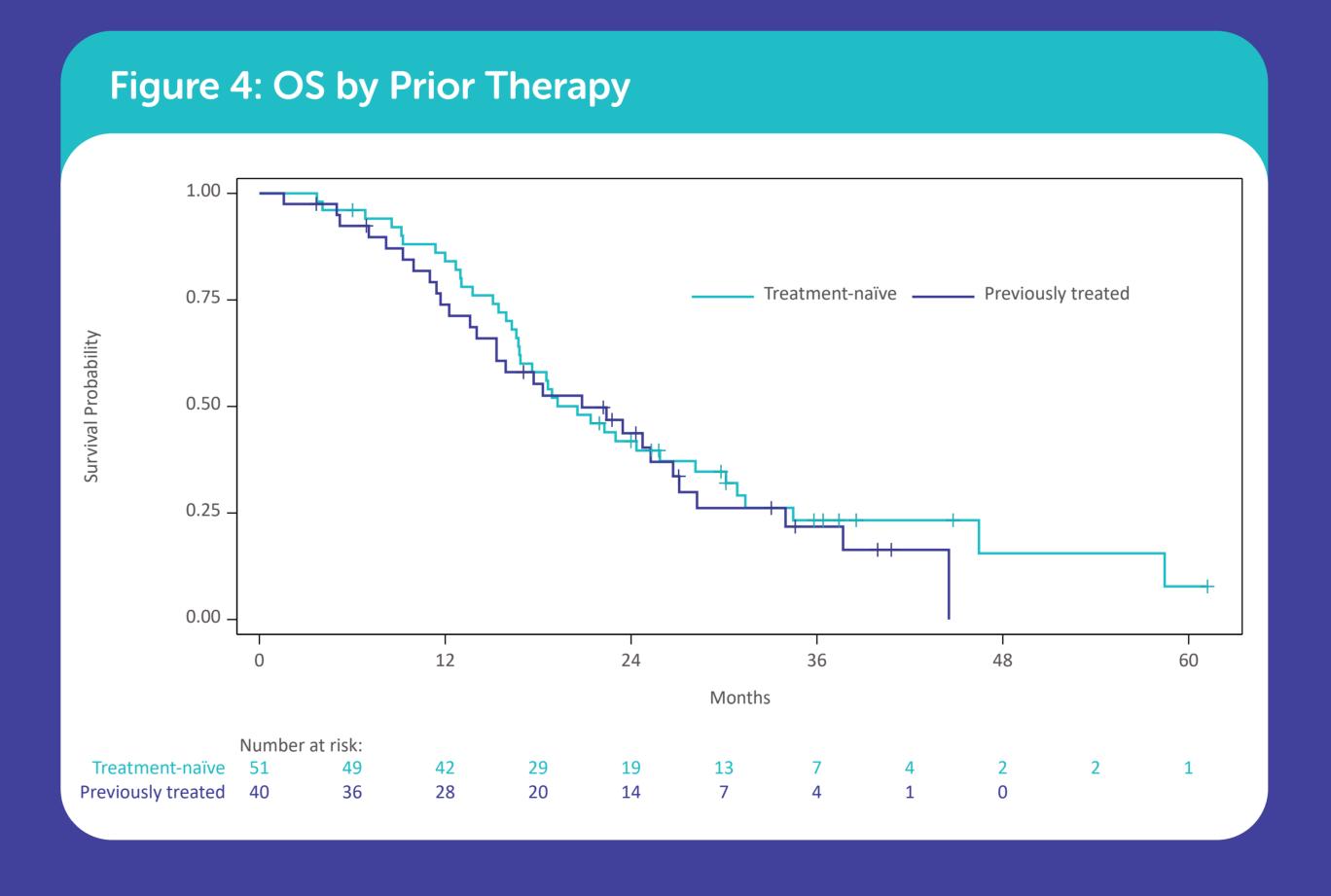


Figure 6: OS by Extent of Liver Involvement

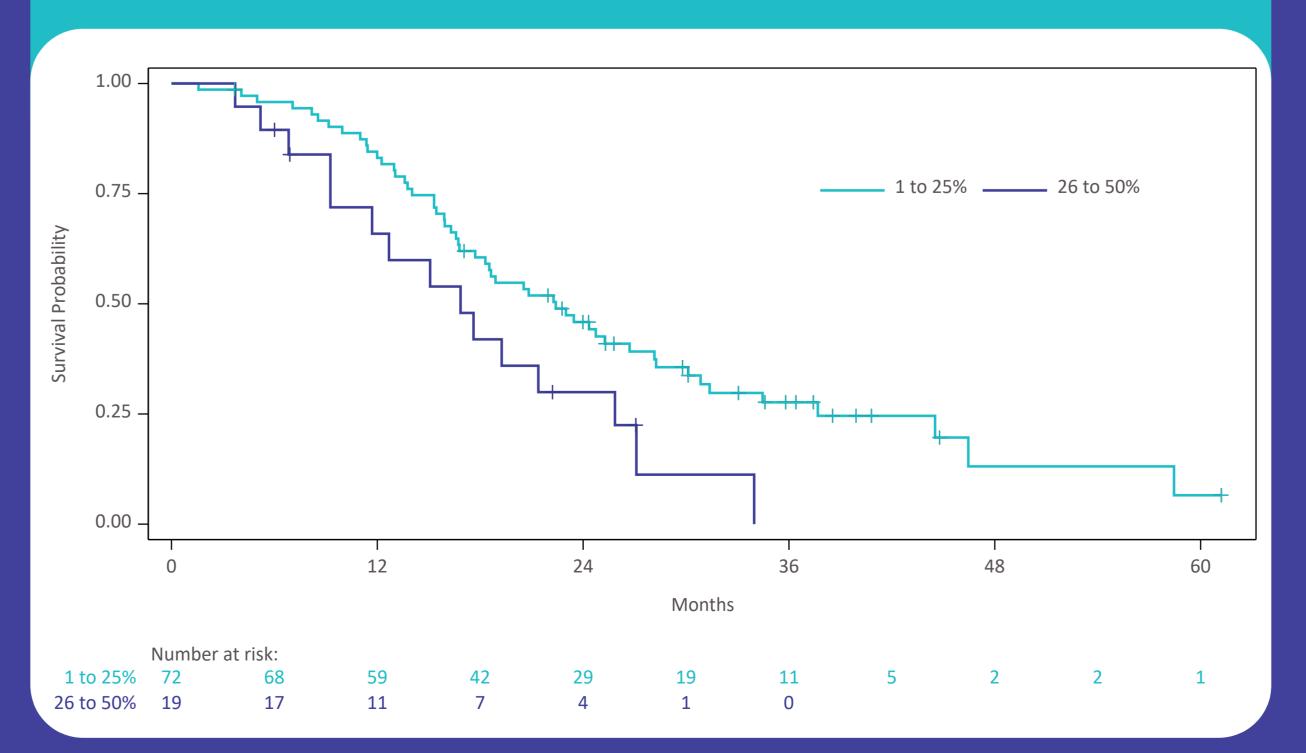


Table 1.	Ba
(Treated	рс
Characte	rist

Age group — I < 65 years ≥ 65 years Gender — n (% Male

Female Lactate dehyd Low or norm Elevated Geographic r

Presence of (Hepatic or

Hepatic and Prior therapy

> Extent of liv 1-25%

Assessed by the investigato

Treatmen Cycle 1 (N=9² Cycle 2 (N=8 Cycle 3 (N= Cycle 4 (N= Cycle 5 (N=40 **Cycle 6** (N=34)

% (n) 95% Cl^a P Value^b ^a Exact binomial Best Over Complete Partial resp Stable disea Progressive Not evaluat Progressi Events, n (% Censored. Median (95

P Value^a Hazard rat P Value At 6 month

Patients aliv out progre At 12 montl Patients aliv out progres

^a Log-rank test. Overall Sur

Events, n (% Censored, Median (95% _____ P Value^a Hazard rat P Value

Patients alive, n (%) At 24 months Patients alive, n (%) ^a Log-rank test.

• Treatment with melphalan/HDS provides clinically meaningful efficacy across the evaluated subgroups. • Objective tumor responses occurred throughout all 6 treatment cycles, without evidence of cumulative toxicity, demonstrating a favorable benefit-risk profile in patients who typically have a poor prognosis and limited treatment options.

19 (37.3)

14 (35.0)

8 (29.6)

Detailed Results

Baseline Characteristics by Subgroup

tic	Melphalan/HDS (N = 91)
ו (%)	
	61 (67.0)
	30 (33.0)
b)	
	44 (48.4)
	47 (51.6)
rogenase — n/N (%)	
nal	54/86 (62.8)
	32/86 (37.2)
gion — n (%)	
	45 (49.5)
2S	46 (50.5)
trahepatic lesions — n (%)¹	
/	64 (70.3)
extrahepatic ²	27 (29.7)
— n (%)	
naïve	51 (56.0)
reated	40 (44.0)
involvement — n (%)³	
	72 (79.1)
	19 (20.9)

Characteristic	N	SAE n (%)	Grade 3/4 AE n (%)	
Overall	95	43 (45.3)	77 (81.1)	
Age group				
< 65 years	65	30 (46.2)	53 (81.5)	
≥ 65 years	30	13 (43.3)	24 (80.0)	
Gender				
Male	47	22 (46.8)	35 (74.5)	
Female	48	21 (43.8)	42 (87.5)	
LDH			'	
Low or normal	55	28 (50.9)	48 (87.3)	
Elevated	35	13 (37.1)	25 (71.4)	
Geographic region	·			
Europe	46	20 (43.5)	35 (76.1)	
United States	49	23 (46.9)	42 (85.7)	
Presence of extrahepatic lesions ¹				
Hepatic only	66	35 (53.0)	55 (83.3)	
Hepatic and extrahepatic ²	27	7 (25.9)	21 (77.8)	
Prior therapy	·		·	
Treatment-naïve	54	23 (42.6)	41 (75.9)	
Previously treated	41	20 (48.8)	36 (87.8)	
Extent of liver involvement ³			·	
1-25%	75	33 (44.0)	60 (80.0)	
26-50%	20	10 (50.0)	17 (85.0)	

Table 2. AEs by Subgroup (Safety population)

xtrahepatic lesions include lung, lymph node, bone (spine, lumbar spine, pelvis, ribs, sacrum, and skull), soft tissue subcutaneous, trunk, and chest wall), and other visceral (spleen and adrenal glanc

Table 3. Adverse Events by Treatment Cycle

Cycle	SAE n (%)	Grade 3/4 AE n (%)	
)	20 (22.0)	49 (53.8)	
.)	13 (15.5)	48 (57.1)	
)	9 (13.6)	35 (53.0)	
)	3 (5.5)	25 (45.5)	
)	3 (7.5)	20 (50.0)	
.)	6 (17.6)	16 (47.1)	

Table 4. Objective Response by Treatment Cycle (Treated population - Assessed by IRC)

Treatment Cycle of First Objective Response	Patients with Objective Response (N = 33) n (%)
Cycle 1	3 (9.1)
Cycle 2	16 (48.5)
Cycle 3	3 (9.1)
Cycle 4	8 (24.2)
Cycle 5	1 (3.0)
Cycle 6	2 (6.1)

Table 5. Efficacy Results by Subgroup

	Presence of Extrahepatic Lesions		Prior Therapy		Extent of Liver Involvement	
	Hepatic only (n = 64)	Hepatic and extrahepatic (n = 27)	Treatment-naïve (n = 51)	Previously treated (n = 40)	1 to 25% (n = 72)	26 to 50% (n = 19)
Response Ra	te, ORR					
	37.5 (24)	33.3 (9)	35.3 (18)	37.5 (15)	37.5 (27)	31.6 (6)
	25.70-50.49	16.52-53.96	22.43-49.93	22.73-54.20	26.36-49.70	12.58-56.55
	.81	.8131		.8302		001
l CI. ^b Fisher exact test						
a ll Response,	BOR, n (%)					
response, CR	6 (9.4)	1 (3.7)	3 (5.9)	4 (10.0)	7 (9.7)	0
oonse, PR	18 (28.1)	8 (29.6)	15 (29.4)	11 (27.5)	20 (27.8)	6 (31.6)
ase, SD	25 (39.1)	9 (33.3)	23 (45.1)	11 (27.5)	27 (37.5)	7 (36.8)
e Disease, PD	14 (21.9)	9 (33.3)	10 (19.6)	13 (32.5)	17 (23.6)	6 (31.6)
ble, NE	1 (1.6)	0	0	1 (2.5)	1 (1.4)	0
on-Free Surviv	val, PFS					
%)	47 (73.4)	20 (74.1)	34 (66.7)	33 (82.5)	55 (76.4)	12 (63.2)
n (%)	17 (26.6)	7 (25.9)	17 (33.3)	7 (17.5)	17 (23.6)	7 (36.8)
% Cl), months	9.26 (8.97-14.06)	6.24 (3.42-11.33)	9.00 (6.11-12.81)	9.18 (4.44-14.06)	9.07 (8.67-11.83)	9.26 (3.29-16.82)
	.1642		.8598		.3767	
io (95% Cl)		42-1.21)	0.93 (0.57-1.52)		0.74 (0.40-1.40)	
	.20)85	./.	773	.35	687
s ive and with- ssion, n (%)	40 (62.5)	14 (51.9)	29 (56.9)	25 (62.5)	47 (65.3)	7 (36.8)
hs						
ive and with- ssion, n (%)	22 (34.4)	3 (11.1)	12 (23.5)	13 (32.5)	22 (30.6)	3 (15.8)
t.						
vival, OS						
%)	47 (73.4)	20 (74.1)	38 (74.5)	29 (72.5)	52 (72.2)	15 (78.9)
n (%)	17 (26.6)	7 (25.9)	13 (25.5)	11 (27.5)	20 (27.8)	4 (21.1)
% Cl), months	20.83 (16.30-26.71)	18.89 (13.77-28.25)	20.53 (16.72-28.16)	20.83 (14.03-26.71)	22.41 (16.79-28.16)	16.85 (9.26-25.86)
	.5931		.4988		.0296	
io (95% Cl)	0.88 (0.52-1.48)		0.88 (0.54-1.44)		0.53 (0.29-0.95)	
	.6208		.6071		.0325	
hs						
ive, n (%)	49 (76.6)	21 (77.8)	42 (82.4)	28 (70.0)	59 (81.9)	11 (57.9)

Conclusions

For questions/comments, contact Dr. Matthew Wheater at <u>matthew.wheater@uhs.nhs.uk</u> Dr. Wheater received reimbursement from Delcath Systems

25 (39.1)

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29 (40.3)

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4 (21.1)