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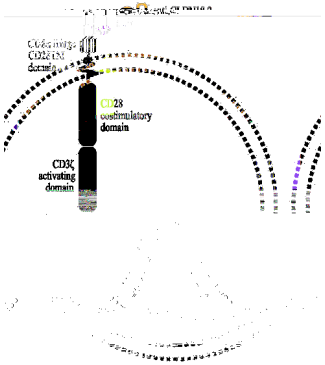
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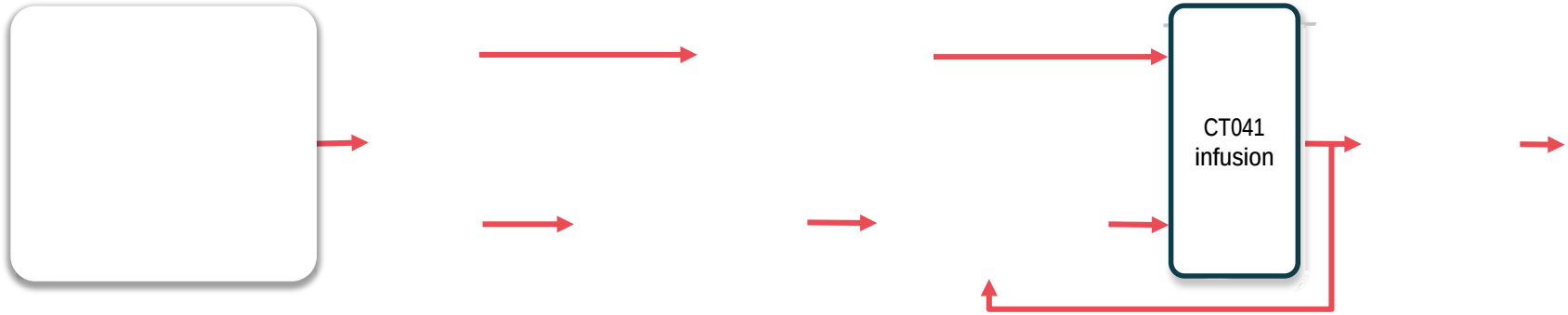
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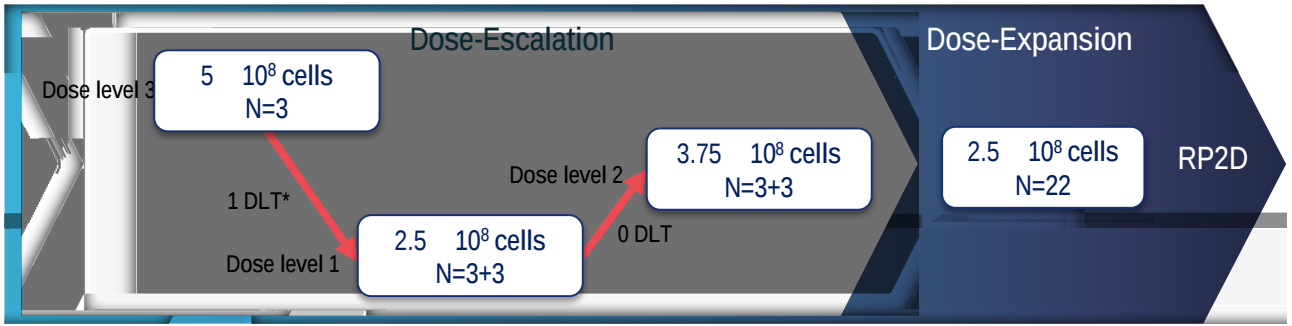
CT041 : A Humanized Claudin18.2-redirected CAR-T

Claudin18.2 (CLDN18.2) a pan-cancer target
Expressed in a diverse variety of epithelial tumor types[1]
Medium to high expression in



Study Design





Patient Demographics and Baseline Characteristics

Characteristics of all patients	Total (N = 37)
Median age (range), year	
Disease Type, n(%)	
ECOG, n (%)	
Bridging therapy, n (%)	
Expression intensity and rate of CLDN 18.2 in tumor tissue, n (%)	

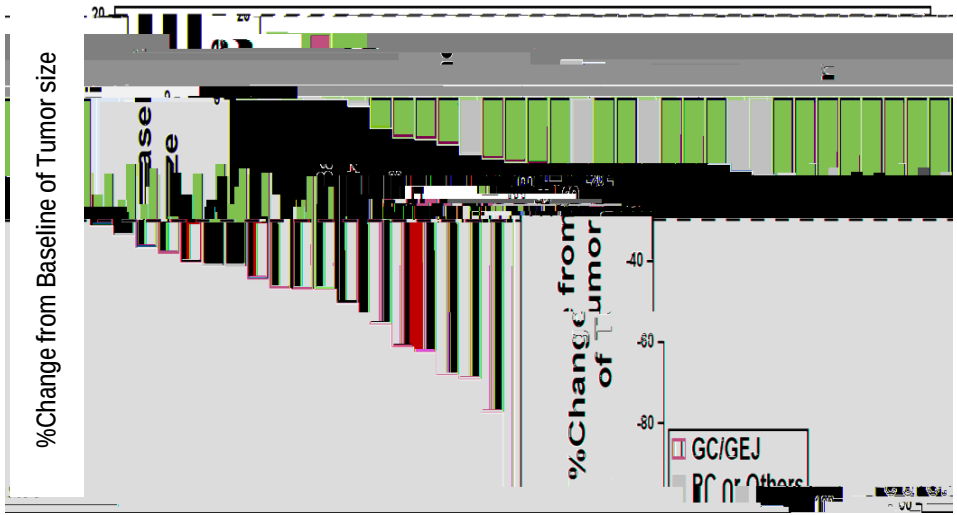
Adverse Event Summary

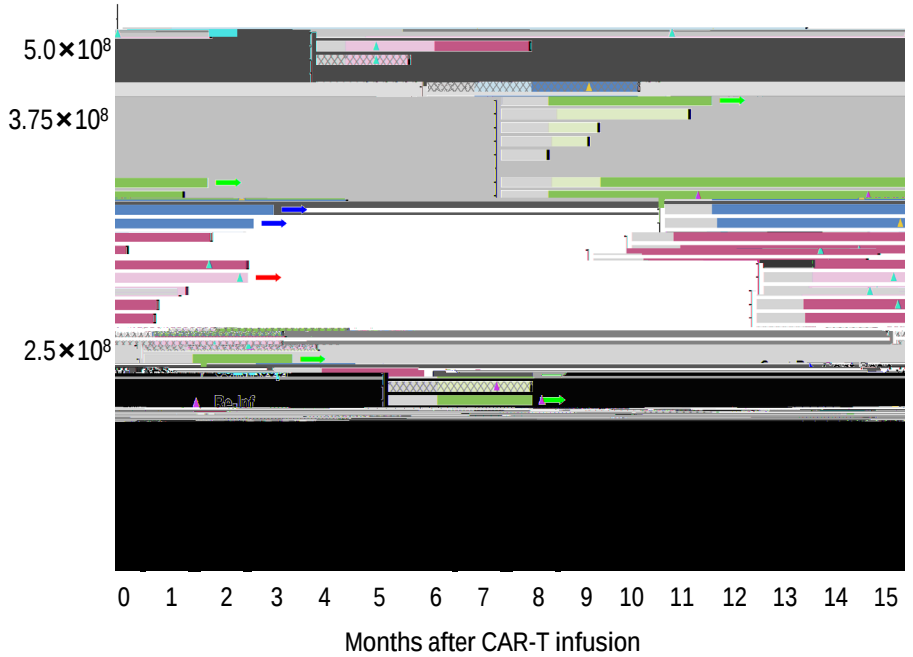
	Dose Escalation			Dose Expansion	Total
	$2.5x10^8$ (N=6)	$3.75x10^8$ (N=6)	$5x10^8$ (N=3)	$2.5x10^8$ (N=22)	(N=37)
ALL AEs					
DLT					
AE leading to study withdrawal					
AE leading to drug withdrawal					
AE leading to death					

Efficacy : All patients

48.6%

73.0%





GC/GEJ gastric carcinoma / gastroesophageal junction
PC pancreatic adenocarcinoma

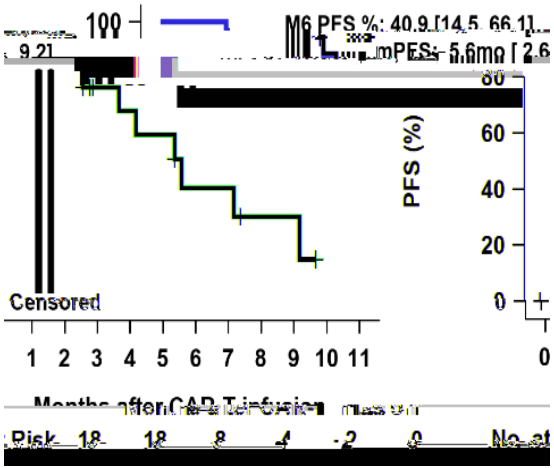
Efficacy : ≥2 prior lines GC/GEJ treated at RP2D

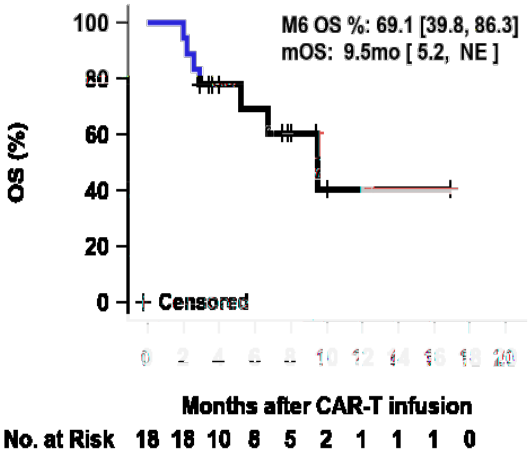
×

61.1% 83.3%

5.6m 6.4m 9.5m

≥2 lines GC patients at 2.5 ×10^8 cells (N=18)	
Best Overall Response	
CR	
PR	
SD	
PD	
ORR [95% CI]	11 (61.1%)
DCR [95% CI]	15 (83.3%)
mPFS*	5.6m
mOS*	9.5m
mDOR	6.4m





*PFS, OS and follow up duration were calculated from CAR-T infusion date.

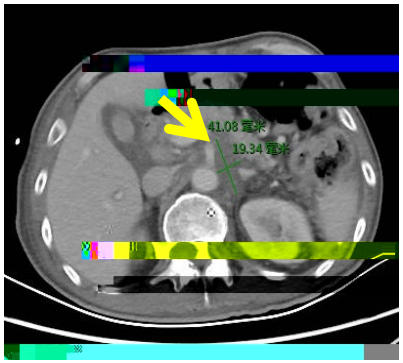
Subgroup Analysis of ORR in GC/GEJ Patients

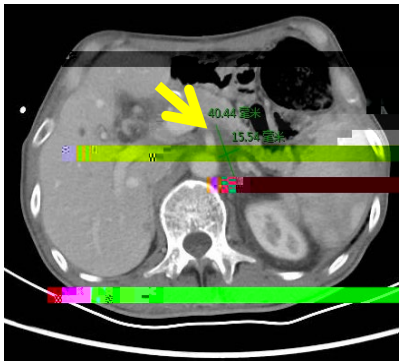
	Number of subjects	ORR
CLDN18.2 expression		
High expression (≥2+ , ≥ 70%)		
Medium expression (≥2+, ≥40% and < 70%)		
Low expression (+ or < 40%)		
Anti-PD-(L)1 Antibody		
Not used		
Used		
Peritoneal Metastasis		
Yes		
No		
WH[Classification		
Signet ring cell carcinoma		
Others		
Lauren Classification		
Intestinal		
Diffused / Mixed		

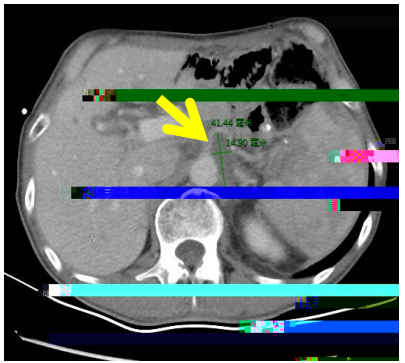
Case Sharing : Rapid and sustained tumor lesion remission

Pt04, 53/M, GC with liver, lung, bone metastasis and multiple lymph node and peritoneum metastasis, had received 2 prior lines of therapy including PD-1 antibody, achieved PR till 32 weeks, CLDN18.2 3+ 60%.

Retroperitoneal Lymph Node

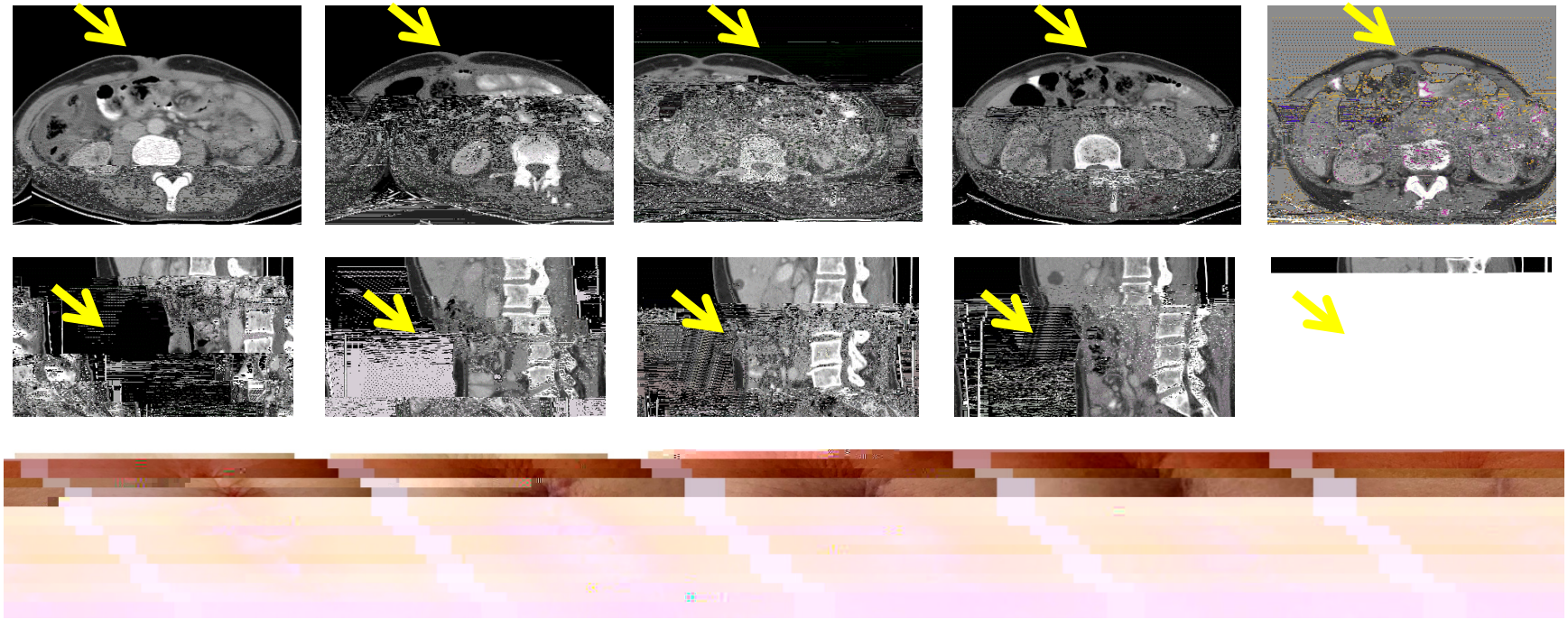






Pre-infusion | Post-infusion W4 | W8 | W32

Case Sharing : Long-term tumor response



Pre-infusion | Post-infusion W4 | W12 | W24 | W40

CT041 CAR T-cell Expansion and Serum Biomarkers

Conclusions

Safety Summary

Efficacy Summary

× 61.1% 83.3% 5.6 9.5

Pharmacokinetics characteristics

CT041 at dose levels of 2.5-5.0×10^8 CAR-T cells was well tolerated in patients with CLDN18.2 positive digestive system cancers and delivers high response rate and sustained remission in the previously treated GC/GEJ patients.

Thanks

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THERAPEUTICS