

Table S1 List of participating centers

38 affiliated centers

The Affiliated Hospital of Xuzhou Medical University
Huai'an First People's Hospital
Xuzhou Central Hospital, Xuzhou
The First People's Hospital of Lianyungang, Lianyungang
Nanjing First Hospital, Nanjing
Nanjing Chest Hospital
Northern Jiangsu People's Hospital
The First People's Hospital of Changzhou
Zhongda Hospital Southeast University
Jiangsu Cancer Hospital
Affiliated Hospital of Jiangnan University
Affiliated Hospital of Jiangsu University
Taizhou People's Hospital
Nanjing Drum Tower Hospital
Yancheng No.1 People's Hospital
Affiliated Hospital of Nantong University
Xuzhou Cancer Hospital
No.904 Hospital of the Joint Logistics Support Force
Donghai County People's Hospital
Funing County People's Hospital
Ganyu District People's Hospital of Lianyungang City
The Second People's Hospital of Huai'an
Huai'an Cancer Hospital
Jiangyin People's Hospital
Taizhou Second People's Hospital
Jingjiang People's Hospital
The Second People's Hospital of Lianyungang
Nanjing Jiangning District Hospital of Traditional Chinese Medicine
Nantong Tumor Hospital
Qidong People's Hospital
Qidong Hospital of Traditional Chinese Medicine
Suzhou Municipal Hospital
Taizhou Hospital of Traditional Chinese Medicine
Wuxi Fifth People's Hospital
Wuxi People's Hospital
Xinghua People's Hospital
Yangzhou Hospital of Traditional Chinese Medicine
Zhenjiang First People's Hospital

Table S2 Univariate and multivariate Cox regression analyses of the factors associated with PFS

Group	Univariate Cox regression		Multivariate Cox regression	
	HR (95% CI)	P value	HR (95% CI)	P value
Gender (Male vs. Female)	1.079 (0.664-1.754)	0.760		
Age (≥ 70 vs. < 70 years)	1.310 (0.899-1.909)	0.160		
ECOG performance status				
1 vs. 0	1.491 (0.689-3.228)	0.310		
2 vs. 0	1.352 (0.166-11.012)	0.778		
Brain metastasis (Yes vs. No)	1.181 (0.732-1.906)	0.496		
Liver metastasis (Yes vs. No)	1.780 (1.159-2.734)	0.008	1.852 (1.198-2.862)	0.006
LDH >ULN (Yes vs. No)	2.118 (1.298-3.455)	0.003	1.704 (1.011-2.875)	0.046
Smoking (Yes vs. No)	0.951 (0.648-1.396)	0.798		
Hypertension (Yes vs. No)	1.545 (1.039-2.296)	0.032	1.578 (1.058-2.353)	0.025
T2DM (Yes vs. No)	1.075 (0.641-1.806)	0.783		
Grade ≥ 3 AEs (Yes vs. No)	1.643 (1.069-2.524)	0.024	1.590 (1.000-2.527)	0.050

AE, adverse event; CI, confidence interval; ECOG, Eastern Cooperative Oncology Group; HR, hazard ratio; LDH, lactate dehydrogenase; PFS, progression-free survival; T2DM, type 2 diabetes mellitus; ULN, upper limit of normal.

Table S3 Univariate and multivariate Cox regression analyses of the factors associated with OS

Group	Univariate Cox regression		Multivariate Cox regression	
	HR (95% CI)	P value	HR (95% CI)	P value
Gender (Male vs. Female)	1.100 (0.638-1.898)	0.731		
Age (≥ 70 vs. < 70 years)	1.776 (1.151-2.741)	0.009	1.656 (1.064-2.578)	0.025
ECOG performance status				
1 vs. 0	1.172 (0.509-2.697)	0.709		
2 vs. 0	0.0000001256 (0.000-Infinite)	0.995		
Brain metastasis (Yes vs. No)	1.384 (0.821-2.334)	0.222		
Liver metastasis (Yes vs. No)	2.045 (1.284-3.257)	0.003	2.025 (1.270-3.231)	0.003
LDH >ULN (Yes vs. No)	1.644 (0.974-2.775)	0.063		
Smoking (Yes vs. No)	0.784 (0.504-1.221)	0.281		
Hypertension (Yes vs. No)	1.180 (0.751-1.856)	0.473		
T2DM (Yes vs. No)	1.358 (0.763-2.416)	0.298		
Grade ≥ 3 AEs (Yes vs. No)	1.650 (1.021-2.668)	0.041	1.538 (0.944-2.507)	0.084

AE, adverse event; CI, confidence interval; ECOG, Eastern Cooperative Oncology Group; HR, hazard ratio; LDH, lactate dehydrogenase; OS, overall survival; T2DM, type 2 diabetes mellitus; ULN, upper limit of normal.