

SUPPLEMENTARY MATERIALS

Fig. 1S - Baseline SAA and RR in CT Cohort

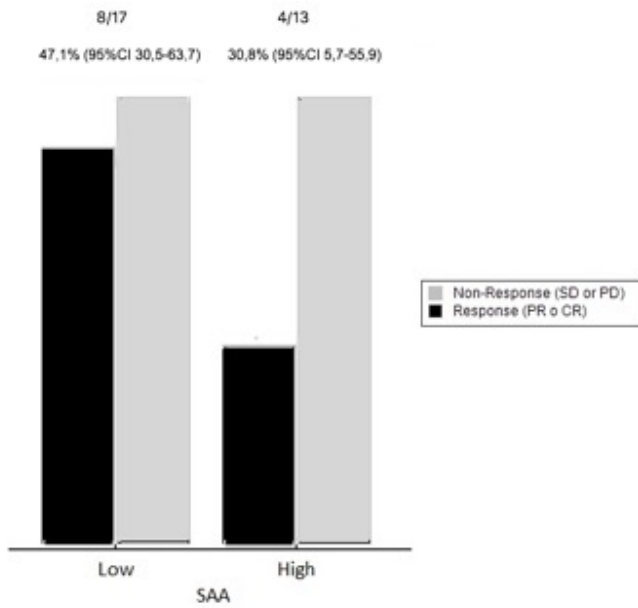
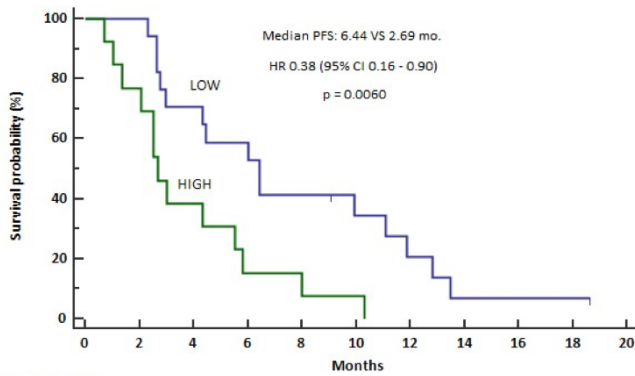


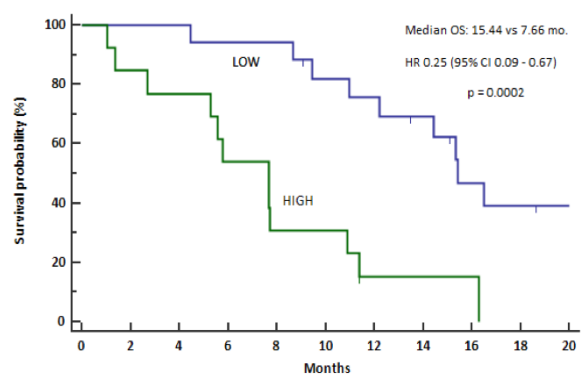
Fig. 2S - PFS (A) and OS (B) according to baseline SAA in CT Cohort

A



	0	2	4	6	8	10	12	14	16	18	20
Low	17	17	12	10	7	5	3	1	1	1	0
High	13	10	5	2	2	1	0	0	0	0	0

B



	0	2	4	6	8	10	12	14	16	18	20
Low	17	17	17	16	16	13	12	10	6	5	4
High	13	11	10	7	4	4	1	1	1	0	0

Table 1S – Relationship between Response Rate (RR) and clinical characteristics in P Cohort

	p value	Response		Stable Disease or Progression	
		no	%	n	%
Age (in years)	0.330				
<65		4	27	11	73
≥ 65		12	44	15	56
Sex	1.000				
Male		11	37	19	73
Female		5	41	7	59
ECOG PS	0.790				
0		7	44	9	56
1-2		9	35	17	65
Smoking history	1.000				
Never Smokers		2	40	3	60
Current or Ex Smokers		14	38	23	62
Hystology	0.380				
Squamous		1	17	5	83
Non Squamous		15	42	21	58
BMI Categories (kg/m2)	0.532				
<18.5		1	50	1	50
18.5-24.9		12	43	16	57
≥25		3	25	9	75
Comorbidities (No vs Yes)	0.575				
No		9	45	11	55
Yes		7	32	15	68
No. of Metastatic Sites	0.209				
1-2		9	50	9	50
≥ 3		7	29	17	71
Brain Metastases (No vs Yes)	0.602				
No		9	33	18	67
Yes		7	47	8	63
Liver Metastases (No vs Yes)	1.000				
No		15	38	24	62
Yes		1	33	2	67
Pleural effusion (No vs Yes)	0.303				
No		13	45	16	55
Yes		3	23	10	77
Prior thoracic Radioterapy	1.000				
No		9	38	15	62
Yes		7	39	11	61
IrAE (No vs Yes)	0.207				
No		11	48	12	52
Yes		5	26	14	74
Steroid Use	1.000				
No		11	39	17	61
Yes		5	36	9	64

BMI, Body Mass Index; IrAE, Immune-related Adverse Events; no, number

Table 2S - Baseline characteristics of the patients in CT Cohort

	No. Patients (30)	% 100
Age (years)		
Median (range)	62.5 (43-83)	-
≥ 65	13	43
<65	17	57
Sex		
Male	18	60
Female	12	40
ECOG Performance Status		
0	11	37
1	14	47
2	5	16
Smoking history		
Current or Former Smokers	18	60
Never Smokers	12	40
Hystology		
Squamous	7	23
Non-Squamous	23	77
No. of Metastatic Sites		
1	5	17
2	9	30
3	7	23
≥ 4	9	30
Brain Metastases		
No	22	73
Yes	8	27
Site of Mestastases		
Pleural Effusion	9	30
Liver	3	10
Lung	13	43
Bone	15	50
Mediastinal Nodes	19	63
Adrenal Glands	4	13
Other	4	13
BMI Categories		
Underweight <18.5	2	7
Normal weight 18.5-24.9	21	70
Overweight or Obesity ≥25	7	23
Comorbidities		
No	3	10
Yes	27	90
Prior thoracic Radioterapy		
No	29	97
Yes	1	3
Steroid Use		
No	4	13
Yes	26	87
No. number;		