

The kinetics of γ -H2AX during radiotherapy of head and neck cancer potentially allow for prediction of severe mucositis

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TABLE S1. Level of γ -H2AX in Peripheral Blood Lymphocytes during radiotherapy in individual patients

Mucositis	Patient	Level of γ H2AX - Lymphocytes								
		before RT	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Mild	#1	0.80	1.46	0.90	0.00	14.80	3.16	24.20	18.10	
	#2	30.80	8.20	11.30	10.30	11.50	57.50	60.70	10.40	
	#3	17.60	23.80	16.50	36.00	0.27	0.48	1.74	0.46	
	#4	0.20	6.58	2.09	4.02	11.40	3.24	2.43		
	#5	4.96	8.95	3.40	11.60	8.20	1.04	37.40	0.65	
	#6	8.55	5.14	1.06	0.33	2.52	6.54	8.92		
	#7	12.90	22.54	32.41	48.35	27.90	0.14	0.93	0.32	
	#8	11.10	0.60	0.06	1.56	3.42	4.01	42.70	30.40	
	#9	0.50	0.80	2.78	11.40	0.10	1.05	5.68	27.50	
	#10	13.60	3.96	2.28	20.30	0.54	10.90	5.86	0.60	
	#11	1.57	0.15	0.40	3.63	2.41	34.30	25.00	28.40	
	#12	91.40	7.13	4.59	0.66	3.93	0.15	0.17		
	#13	5.49	3.15	1.48	1.29	1.97	40.10	34.30	19.30	13.50
	#14	6.99	12.80	32.10	0.89	5.60	3.52	69.30	61.60	23.10
	#15	6.23	8.50	1.59	3.25	2.59	55.20	36.40	7.86	4.60
	#16	26.90	23.20	22.60	21.70	1.53	0.35	3.13	0.28	
	#17	10.80	8.02	17.40	1.02	0.97	8.44	3.28	2.64	
	#18	22.00	32.20	0.13	1.32	0.94	0.60	1.71	31.90	29.00
	#19	0.30	0.14	1.20	1.94	1.25	6.16	19.70	6.77	
	#20	0.43	0.91	0.78	0.40	0.00	7.24	13.10		
	#21	0.51	0.75	1.00	0.52	12.00				
	#22	0.60	0.12	1.98	1.27	0.72	12.70	10.20	4.85	
	#23	8.86	10.50	4.00	3.17	43.50	4.54	1.65	0.51	
	#24	2.66	4.52	0.68	15.10	13.90	9.09	8.18		
	#25	10.10	17.10	8.47	7.42	3.49	0.81	1.61		
	#26	0.57	0.18	0.71	12.40	15.80	17.20	20.62	56.58	
	#27	0.26	0.17	1.31	17.10	13.50	54.32	69.97	42.51	
	#28	10.40	0.32	0.38	4.55	12.20	8.27	17.50	36.55	
	#29	8.79	4.10	25.10	10.90	24.80	5.94	23.78	1.00	
	#30	2.93	10.70	26.50	22.00	38.90	18.20	50.27	0.50	1.77
	#31	23.50	10.60	11.60	16.10	22.99	51.20	0.37	76.40	7.41
	#32	7.71	12.00	8.07	28.32	60.27	62.73	0.16	68.10	
	#33	3.82	7.33	0.77	0.51	2.17	2.48	0.00	8.21	
	#34	7.97	31.60	0.00	1.97	1.52	1.77	1.44	11.10	
#35	6.22	4.45	22.99	43.98	0.51	1.76	1.58	18.77		
#36	11.20	8.67	14.90	6.85	45.60	62.70	39.37	3.52		
#37	33.30	32.80	13.50	6.95	10.10	1.01	0.10	3.90	18.70	
#38	0.99	0.74	9.67	25.40	44.10	4.48	17.00			
#39	0.70	0.11	1.28	0.54	0.49	8.45	9.89			
#40	2.59	3.61	15.50	16.10	34.90	12.90	1.82	1.54		
#41	4.60	5.32	1.09	0.71	0.10	0.10	0.14	3.47		
#42	10.50	24.20	14.20	7.83	13.90	1.80	0.60	6.13		
#43	26.90	23.20	22.60	21.70	1.53	0.35	3.13	0.28		
#44	10.70	13.40	24.80	19.30	3.68	0.40	3.12	1.68		
#45	3.10	8.20	8.29	2.56	5.94	50.73	0.87	1.81	1.17	
#46	2.57	28.20	2.20	3.34	8.00	0.34	3.51	0.00	0.93	
#47	34.60	1.49	46.70	5.33	4.25	35.10	54.10	7.12		
#48	9.26	3.32	5.45	0.43	4.14	1.73	0.00	0.38	1.03	
#49	24.20	19.00	8.79	12.40	0.34	3.30	3.85	1.91		
#50	1.03	3.06	0.40	25.60	12.30	6.42	3.38	2.81		