



Figure S1 RT field mapping for a patient with NPC. RT, radiotherapy; NPC, nasopharyngeal carcinoma.

Table S1 Brain regions with significant between-group differences for VBM

Region	MNI			Voxel numbers	Peak <i>t</i> value
	X	Y	Z		
Posterior cerebellum (L. cerebellum6, L. cerebellum_7b, L. cerebellum_8, L. cerebellum_crus2, and L. cerebellum crus1)	-33	-61.5	-36	2,676	-4.68
R. cerebellum_crus2/R. cerebellum_7b	31.5	-72	-45	665	-4.72
L. parahippocampal	-18	-9	-30	820	-4.92
R. cerebellum_crus1/R. cerebellum_6	31.5	-64.5	-33	531	-4.06
L. rectus	-10.5	16.5	-15	162	-3.89
L. calcarine/B. lingual	-3	-76.5	-4.5	733	-4.88
L. insula	-28.5	10.5	10.5	409	-4.53
R. thalamus	3	-7.5	7.5	179	-3.63

VBM, voxel-based morphometry; MNI, Montreal Neurological Institute; L, left; R, right; B, bilateral.

Table S2 Brain regions of structural network with significant between-group differences for SBM

IC number	Region	MNI			Voxel	Z value
		X	Y	Z		
05	B. precuneus/R. posterior cingulate	-6	-58.5	42	7,241	-7.08
	L. angular/ L. superior parietal lobule	-30	-72	48	1,289	-4.63
	R. angular/ R. superior parietal lobule	28.5	-51	52.5	487	-4.09
	L. temporal_mid	-55.5	-51	-9	580	-4.93
06	L. parahippocampal/hippocampus	-19.5	-1.5	-33	2,307	-6.48
	R. parahippocampal/hippocampus	18	-6	-30	2,727	-5.39
	Lingual gyrus	1.5	-88.5	-13.5	2,396	-9.63
08	Posterior cerebellum	-25.5	-78	-48	13,311	-6.81

SBM, source-based morphometry; IC, independent component; MNI, Montreal Neurological Institute; B, bilateral; R, right; L, left.

Table S3 Loading coefficients of between-group differences in SCN

IC number	Pre-RT group (n=47)	Post-RT group (n=84)	F	P corrected
05	0.013±0.005	0.014±0.005	7.277	0.040*
06	0.017±0.005	0.014±0.004	11.751	0.015*
08	0.014±0.005	0.012±0.006	9.191	0.023*

Data are presented as mean ± SD. *, FDR corrected with P<0.05. SCN, structural covariance network; IC, independent component; RT, radiotherapy; SD, standard deviation; FDR, false discovery rate.