

Supplemental Table 1. Details in Parameters Used to Acquire the Imaging Data

MR scan (Sequence)	3.0T MR scanner (GE Discovery MR 750, General Electric Medical Systems)	
	FS-T2WI	CE-T1WI
TR (ms)	8472	315
TE (ms)	85	2.9
FOV (cm)	24	24
Slice thickness (mm)	4.0	4.0
Space between the slices (mm)	0.4	0.4
Bandwidth (kHz)	50	31.25
ETL	17	21
NEX	2	1
Matrix	320×256	320×256

CE = contrast-enhanced, ETL = echo train length, FOV = field of view (cm), FS = frequency saturation, NEX = number of excitations, TE = echo time (ms), TR = repetition time (ms), T1WI = T1-weighted imaging, T2WI = T2-weighted imaging.

Discriminating between p16-negative oropharyngeal and non-oropharyngeal origins by their metastatic lymph nodes using machine learning approach based on MRI radiomics. Discover Oncology. Dan Bao; Yanfeng Zhao; Lin Li; Meng Lin; Wenli Wu; Ya Zhang; Haijun Xu; Zheng Zhu; Xinming Zhao; Dehong Luo. Corresponding Author Info: Dehong Luo, e-mail: pumccancer@163.com; 1. National Cancer Center/National Clinical Research Center for Cancer/Cancer Hospital, Chinese Academy of Medical Sciences and Peking Union Medical

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