















Handzettel 2



26 512 0.851008 312 0.014 0.022

Poliz WD et al., Radionerapy and Oncology 117 (2016) 625=













Distortions with conventional DWI of soft neck tissue leads to projection of lymph node (arrow) over the submandibular gland.

With RESOLVE, distortions are significantly reduced. Equivalent image quality of RESOLVE with and without SMS, with slice acceleration reducing scan time by nearly a factor of 2.

Runge VM, et al. MAGNETOM Flash 2015; 63 (Special SMS Supplement): 92-95



\_\_\_\_\_





Patient 1: Week 3 histograms		Pre-CRT			feek 3 CRT				Post CRT	
and maps showed both a shift in distribution of ADC of voxels to higher values and K of voxels to	48%	25%	6%	0	0	0		0	0	o
to lower values compared to the pre-CRT histogram.	7%	6% 3%	1% 0%лас	19% 7%	36%	5% 6% <sub>ADC</sub>	- 1 1 1	0.6%	2% 21%	5%
Patient 2: Low K <sub>trans</sub> values pre- CRT (may indicate hypoxic	= K <sup>em</sup> 3% .	3%	0.7%	0	0	o		0.8%	2%	4%
radio-resistant tumor), without much change in the values of	18%	20%	4%	4%	26%	9%	1 1	4%	14%	18%
voxels over the time-points.	21%	25%	6%-00		12.80	28%		10%	26%	22%





<page-header>



\*These features are currently under development; they are not for sale in the U.S and all other countries. Their future availability cannot be guaranteed

















"These features are currently under development; they are not for sale in the U.S. and all Paradis et al, Int J Radiation Oncol Biol Phys, Vol. 93, No. 5, p. 1154e1161, 2015 other countries. Their future availability cannot be guaranteed Magnetic Resonance











Handzettel 9