

Supplemental Table 1: Definition of MRI grading groups (mGG) to assess the PC aggressiveness.

		MRI grading group		
		mGG1	mGG2	mGG3
DWI	Hypointense signal on ADC [$\times 10^{-6}$ mm ² /s]	> 900 (rs-EPI) > 800 (ss-EPI)	< 1000 (rs-EPI) < 900 (ss-EPI)	< 900 (rs-EPI) < 800 (ss-EPI)
	Hyperintense signal on high b-value images	0 or 1	0 or 1	1
		and	and/or	and
T2 / DCE	Focal suspicious signal decrease on T2	Discreet	Discreet, overlayed or clear	Clear
	Multifocal or Cross zonal growth	0	0 or 1	0 or 1
		and	and	or
EPE ($\geq$ cT3a)		0	0	1

0 = no; 1 = yes

PCA = prostate cancer; T2 = T2 weighted imaging; DWI = diffusion weighted imaging; DCE = dynamic contrast enhanced MRI; ADC = apparent diffusion coefficient; rs-EPI = readout-segmented multi-shot echoplanar imaging; ss-EPI = single shot echoplanar imaging; EPE = extraprostatic extension