

## **ELECTRONIC SUPPLEMENTARY MATERIAL**

### **Low cancer yield in PI-RADS 3 upgraded to 4 by Dynamic contrast-enhanced MRI: is it time to reconsider scoring categorization?**

**Supplementary Table 1.** DWI scoring system according to PI-RADS v2.1 recommendations [17]. DWI, diffusion weighted imaging; ADC, apparent diffusion coefficient; PI-RADS, Prostate Imaging - Reporting and Data System.

<b>DWI SCORE</b>	<b>DEFINITION</b>
<b>1</b>	No evidence of alterations on high b-value DWI and on ADC map
<b>2</b>	Linear/wedge shaped hyperintensity on high b-value DWI and/or linear/wedge shaped hypointensity on ADC map
<b>3</b>	Focal mild hyperintensity on high b-value DWI and/or focal mild hypointensity on ADC map; marked hyperintensity on high b-value DWI or marked hypointensity on ADC, but not both
<b>4</b>	Focal marked hyperintensity on high b-value DWI and marked hypointensity on ADC (<1.5cm)
<b>5</b>	Same characteristics as 4 but $\geq 1.5$ cm or evidence of extraprostatic extension

**Supplementary Table 2.** Summary of the MR Acquisition Parameters.  
TE, Time of echo; TR, Repetition time.

Manufacturer	SIEMENS	GENERAL ELECTRIC
Magnet (Tesla)	3	3
Manufacture year	2021	2010
Year of last update	2022	2020
<b>T2-WI</b>		
TE (msec)	134	134
TR (msec)	6000	6000
In-plane resolution (mm x mm)	0,4 x 0,4	0,562 x 0,804
Field of view	18x18	18x18
Slice thickness (mm)	3	3
Matrix size	384 x 384	384 x 384
<b>DWI</b>		
TE (msec)	75	75
TR (msec)	4300	4300
In-plane resolution (mm x mm)	1,8 x 1,8	1,8 x 1,8
Field of view	18x18	18x18
Slice thickness (mm)	3	3
Multiple b values (sec/mm <sup>2</sup> )	100-800-1000	100-800-1000
High b value (sec/mm <sup>2</sup> )	2000	2000
Matrix size	90 x 90	90 x 90
<b>DCE</b>		
TE (msec)	1	1
TR (msec)	3	3
In-plane resolution (mm x mm)	1,1 x 1,2	1,1 x 1,2
Field of view	18x18	18x18
Slice thickness (mm)	3	3
Fat suppression / subtraction	No	No
Temporal resolution (seconds)	6	6
Matrix size	160 x 140	160 x 140