

Table SI. GGG differences between first and second opinion.

First GGG	Second GGG, n (%)					Total, n
	GGG1	GGG2	GGG3	GGG4	GGG5	
GGG1 ( $\leq 3+3$ )	79 (75)	16 (14)	6 (6)	5 (5)	0 (0)	106
GGG2 (3+4)	15 (15)	59 (58)	11 (11)	16 (15)	1 (1)	102
GGG3 (4+3)	1 (2)	7 (11)	30 (50)	16 (26)	7 (11)	61
GGG4 (8)	3 (3)	5 (6)	12 (13)	59 (66)	11 (12)	90
GGG5 (9,10)	0 (0)	0 (0)	2 (5)	13 (29)	29 (66)	44
Total, n	98	87	61	109	48	403

GGG, Gleason grade group.

Table SII. GGG differences between first opinion of needle core biopsy and radical prostatectomy specimen.

First GGG	Atypical, n (%)	Pathology GGG, n (%)					Total, n
		GGG1	GGG2	GGG3	GGG4	GGG5	
GGG1 ( $\leq 3+3$ )	0 (0)	27 (25)	51 (48)	17 (16)	6 (6)	5 (5)	106
GGG2 (3+4)	0 (0)	4 (4)	58 (57)	25 (24)	6 (6)	9 (9)	102
GGG3 (4+3)	0 (0)	2 (3)	21 (34)	18 (30)	12 (20)	8 (13)	61
GGG4 (8)	1 (1)	0 (0)	15 (17)	31 (34)	16 (18)	27 (30)	90
GGG5 (9,10)	0 (0)	0 (0)	8 (18)	10 (23)	3 (7)	23 (52)	44
Total, n	1	33	153	101	43	72	403

GGG, Gleason grade group.

Table SIII. GGG differences between second opinion of needle core biopsy and radical prostatectomy specimens.

First GGG	Atypical, n (%)	Pathology GGG, n (%)					Total, n
		GGG1	GGG2	GGG3	GGG4	GGG5	
GGG1 ( $\leq 3+3$ )	0 (0)	26 (27)	49 (50)	13 (13)	5 (5)	5 (5)	98
GGG2 (3+4)	1 (1)	5 (6)	51 (58)	21 (24)	4 (5)	5 (6)	87
GGG3 (4+3)	0 (0)	1 (2)	25 (41)	22 (36)	9 (15)	4 (6)	61
GGG4 (8)	0 (0)	1 (1)	21 (19)	37 (34)	20 (18)	30 (28)	109
GGG5 (9,10)	0 (0)	0 (0)	7 (15)	8 (17)	5 (10)	28 (58)	48
Total	1	33	153	101	43	72	403

GGG, Gleason grade group.

Table SIV. Differences in demographic and clinical characteristics between upgrade and non-upgrade groups of Gleason grade group 1.

Variables	Upgrade (n=53)	Non-upgrade (n=23)	P-value
Age, median (IQR)	68 (64-72)	66 (61-68)	0.108
BMI, median (IQR)	23.5 (22.0-24.6)	22.7 (21.5-24.2)	0.422
Prostate volume, median (IQR)	29 (23-37)	32 (28-44)	0.162
Initial PSA, median (IQR)	6.6 (5.1-8.4)	5.2 (6.1-4.5)	0.015
PSAD, median (IQR)	0.22 (0.17-0.34)	0.17 (0.13-0.21)	0.005
Clinical T stage, n (%)			>0.999
T1	19 (36)	9 (39)	
T2	32 (60)	14 (61)	
T3	2 (4)	0 (0)	
Number of positive cores in 1st opinion, median (IQR)	2 (1-3)	2 (2-4)	0.207
Number of positive cores in 2nd opinion, median (IQR)	2 (1-3)	2 (2-3)	0.242
% of positive core in 1st opinion, median (IQR)	17 (10-30)	20 (12-39)	0.297
% of positive core in 2nd opinion, median (IQR)	19 (10-30)	20 (12-38)	0.319
PI-RADS score, median (IQR)	3 (2-3)	2 (1-3)	0.014

BMI, body mass index; IQR, interquartile range; PI-RADS, the prostate imaging reporting and data system; PSA, prostate specific antigen; PSAD, prostate specific antigen density.