Instructions for Study Submission

To begin using Precision Prostate Consulting's services, you need to make sure your primary care physician receives this instruction sheet, either via email or by providing them with a paper copy.

For the Primary Care Physician (PCP)

Please visit https://precisionprostateconsulting.com/ and click the 'Doctor Login / Register' button at the top of the page. This button links to a portal where you will be prompted to register for an account. Once you have registered and logged in to your account, you can click "Submit Request" to initiate an order for your patient.

Once this action is completed, you will be asked to upload an MRI prostate scan that is compliant with ProstatID's acquisition parameters, i.e., in accordance with PI-RADS v2.1 guidelines. If an MRI scan for your patient has already been taken, the file can be uploaded for processing, and ProstatID will validate that it has been acquired according to the necessary acquisition parameters. For more information, these parameters are detailed at the bottom of this document.

After the scan is uploaded, an email will be sent to the patient confirming that the order has been initiated and is in process.

Upon successful processing of the MRI study and generation of results, an email will be sent to the patient with a link to pay for the order. After a payment has been successfully completed, the PCP will be notified of the study available to download in their account.

Should a processing failure occur with the uploaded prostate scan for any reason, an email will be automatically sent to the PCP and the patient alerting them of the processing error. In such cases, Physicians are encouraged to reach out to PPC customer service at apps@precisionprostateconsulting.com, for an explanation of the failure and required next steps.

REQUIRED ACQUISITION PARAMETERS BY SCANNER TYPE

Manufacturer/Field Strength	Philips 1.5T	Philips 3.0T	Siemens 3.0T	GE 1.5T	GE 3.0T	Siemens 1.5T
Scanner Models	Achieva, Ingenia	Achieva, Ingenia, Intera	Magnetom Vida, Skyra, TrioTim, Verio, Vida, Lumina	Signa HDxt, Optima MR450w	Discovery 750w	Espree, Essenza, Avanto, Aera, Sempa, Altea, Sola
T2W						
Repetition Time (ms)	2975 [2650-6869]	4434 [3752-6435]	4780 [3000-10500]	2975 [2650-6869]	9999 [1500-13599]	4780 [3000-10500]
Echo Time (ms)	125 [120-130]	120	121 [97-123]	96 [91-118]	109 [102-115]	121 [97-123]
Flip Angle (degrees)	90	90	137 [120-160]	90 [90-160]	160 [90-160]	137 [120-160]
Slice thickness (ST-mm)	4.0 [3.0, 4.6]	3.0	3.0 [3.0-3.8]	3.5 [3.5-4.0]	4.0	4.0 [4.0-4.6]
Max Gap (skip) + ST*	5 mm	5 mm	5 mm	5 mm	5 mm	5 mm
Square matrix size (pixels)	512 [512-672]	512 [512-576]	320 [320-640]	512	512	320 [320-640]
In-plane field of view (mm)	200 [160-246]	140 [140-180]	200 [140-220]	200 [180-260]	200 [200-220]	200 [140-260]
In-plane resolution (mm)	0.391 [0.297-0.391]	0.273 [0.273-0.321]	0.573 [0.281-0.688]	0.391 [0.352-0.508]	0.391 [0.391-0.430]	0.573 [0.281-0.688]
DWI						
Repetition Time (ms)	3360 [2700-4847]	6804 [4000-7036]	4800 [3900-7600]	6000 [3515-6000]	4000 [2000-4877]	4800 [3900-7600]
Echo Time (ms)	67 [65-81]	52 [51-84]	62 [62-121]	85 [68-87]	72 [68-74]	62 [62-121]
High b-value (s/mm^2)	1400 [1000-1400]	2000 [750-2000]	1500 [800-2000]	1400 [800-1600]	1450 [1150-1450]	1500 [800-2000]
Slice thickness (mm) Skip=0	4.0 [3.3-4.6]	3.0 [3.0-3.3]	3.5 [3.0-4.6]	3.0 [3.0-4.0]	4.0 [4.0-4.2]	4.0 [4.0-4.6]
Square matrix size (pixels)	160 [128-256]	256 [128-256]	118 [96-280]	256	256	118 [96-280]
In-plane field of view (mm)	216 [180-360]	140 [140-180]	200 [169-240]	240 [240-260]	256 [220-256]	200 [169-240]
In-plane resolution (mm)	1.389 [1.216-1.417]	0.547 [0.547-1.406]	1.695 [0.714-2.255]	0.938 [0.938-1.016]	1.000 [0.859-1.000]	1.695 .714-2.255]

Maximum Gap (skip) < 1.6mm. Slice thickness (ST) + Gap (Skip) must not exceed 5mm.