

Medical Justification Definitions

Treatment Considered	Definition	These Patients Are Also Eligible for Treatment Intensification With (at Least):
Active Surveillance	Active surveillance or observation with PSA monitoring	RP, EBRT, brachytherapy, other treatment at discretion of physician
Definitive Local Therapy	Local treatment given with intent to cure the cancer (ie, EBRT, RP, brachytherapy, etc)	EBRT with a brachytherapy boost, or EBRT with the addition of ST-ADT
Definitive Local Therapy + Systemic Therapy	EBRT with the addition of ST-ADT or addition of LT-ADT (also known as standard ADT)	ST-ADT: EBRT with the addition of LT-ADT LT-ADT: EBRT with the addition of LT-ADT and a next-generation androgen-signaling inhibitor, or EBRT with the addition of LT-ADT and docetaxel chemotherapy
Other	Any treatment being considered that is not currently listed	

National Comprehensive Cancer Network® (NCCN®) Risk Category Classification

Risk Group	Clinical/Pathologic Features		
Very low	Has all of the following: <ul style="list-style-type: none"> cT1c Grade Group 1 PSA <10 ng/mL Fewer than 3 prostate biopsy fragments/cores positive, <50% cancer in each fragment/core PSA density <0.15 ng/mL/g 		
Low	Has all of the following but does not qualify for very low risk: <ul style="list-style-type: none"> cT1-cT2a Grade Group 1 PSA <10 ng/mL 		
Intermediate	Has all of the following: <ul style="list-style-type: none"> No high-risk group features No very-high-risk group features Has one or more IRFs: <ul style="list-style-type: none"> cT2b-cT2c Grade Group 2 or 3 PSA 10-20 ng/mL 	Favorable Intermediate	Has all of the following: <ul style="list-style-type: none"> 1 IRF Grade Group 1 or 2 <50% biopsy cores positive (eg, <6 of 12 cores)
		Unfavorable Intermediate	Has one or more of the following: <ul style="list-style-type: none"> 2 or 3 IRFs Grade Group 3 <50% biopsy cores positive (eg, >6 of 12 cores)
High	Has no very-high-risk features and has exactly one high-risk feature: <ul style="list-style-type: none"> cT3a OR Grade Group 4 or Grade group 5 OR PSA >20 ng/mL 		
Very High	Has at least one of the following: <ul style="list-style-type: none"> cT3c-cT4 Primary Gleason pattern 5 2 or 3 high-risk features >4 cores with Grade Group 4 or 5 		

Adapted with permission from the NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines®) for Prostate Cancer V.4.2023. © 2023 National Comprehensive Cancer Network, Inc. All rights reserved. The NCCN Guidelines® and illustrations herein may not be reproduced in any form for any purpose without the express written permission of NCCN. To view the most recent and complete version of the NCCN Guidelines, go online to NCCN.org. The NCCN Guidelines are a work in progress that may be refined as often as new significant data becomes available. NCCN makes no warranties of any kind whatsoever regarding their content, use or application and disclaims any responsibility for their application or use in any way.

Specimen Information and Order Acceptance Criteria

The ArteraAI Prostate Test result is dependent on the highest Gleason grade specimen as documented in the referring laboratory pathology report. Patient H&E slide(s) OR block(s) are accepted. Please see below for detailed acceptance criteria:

If shipping slides:

- Please send one (1) H&E slide containing one (1) biopsy core with the tumor that has the highest Gleason grade used by the pathologist in making his or her diagnosis for the patient.
- If the LUMEA BxChip is used, please send one (1) H&E slide containing up to six (6) biopsy cores that include the tumor that has the highest Gleason grade.

If shipping blocks:

- Please send one (1) block containing one (1) biopsy core with the tumor that has the highest Gleason grade used by the pathologist in making his or her diagnosis for the patient.

Shipping Instructions

Detailed shipping instructions can be found on the "Pathology Laboratory Instructions" document included in the ArteraAI Prostate Test Kit.

Billing Information

If you or your patient have any additional questions about the out-of-pocket cost for the ArteraAI Prostate test, please contact Artera Billing at 1-650-239-7018.

ADT, androgen-deprivation therapy; EBRT, external beam radiation therapy; H&E, hematoxylin and eosin; IRF, intermediate risk factor; LT-ADT, long-term androgen-deprivation therapy; PSA, prostate-specific antigen; RP, radical prostatectomy; ST-ADT, short-term androgen-deprivation therapy.