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RESULTS

An Analysis of Community Urology Treatment Patterns in Advanced Prostate Cancer

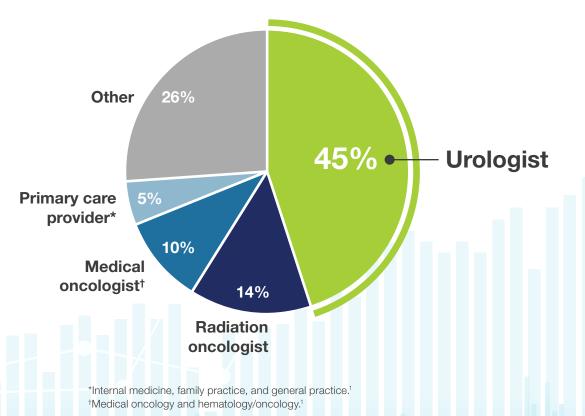


## Introduction

Urologists play a key role in the management of prostate cancer. According to a 2010 Surveillance, Epidemiology, and End Results-Medicare analysis of 105,961 patients diagnosed with prostate cancer between 1992 and 2005, urologists accounted for more health services provided to prostate cancer patients across all phases of care than any other specialty (**FIGURE 1**).<sup>1</sup>









In partnership with Astellas and Pfizer, PPS Analytics conducted an internal analysis of EHR and practice management system structured data from its proprietary network database comprising more than 100 U.S.-based community urology practices using the PPS Analytics Platform.<sup>2</sup> Practices were segmented by size from nano (5 to 9 providers) to extra large (over 75 providers).\*

\*Practice selection considerations included: various U.S. regions, practice size, stage of established care guidelines and protocols, and varying proportions of patient disease states.

**EHR,** electronic health record.

## Methodology

## **Quantitative assessment**

#### Evaluating treatment pattern consistency with evidence-based guidelines

A quantitative analysis of EHR and practice management system structured data from the PPS Analytics Platform was conducted in 2020 and included health records active in the previous 36 months.<sup>2</sup> All insights were de-identified, and the analysis was conducted in compliance with HIPAA requirements; at no point were third parties, including Astellas and Pfizer, permitted access to protected health information.

#### The objectives of the analysis were to<sup>2</sup>



Define and identify the number of patients who appeared to be candidates for clinical guideline–recommended therapies stratified by patient type: mCSPC, nmCRPC, and mCRPC.



### Quantify the rates at which each patient type received treatments with the highest level of clinical guideline recommendations per the AUA/ASTRO/SUO Guideline for Advanced Prostate Cancer and/or NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines<sup>®</sup>) for Prostate Cancer.

ASTRO, American Society for Radiation Oncology; AUA, American Urological Association; HIPAA, Health Insurance Portability and Accountability Act; mCRPC, metastatic castration-resistant prostate cancer; mCSPC, metastatic castration-sensitive prostate cancer; NCCN<sup>®</sup>, National Comprehensive Cancer Network<sup>®</sup>; mmCRPC, nonmetastatic castration-resistant prostate cancer; SUO, Society of Urologic Oncology.

Advanced prostate cancer treatment patterns were defined using both descriptive and inferential statistics.<sup>2</sup> Therapies with the highest clinical guidelines recommendations were used as the standard by which to measure variance in care (TABLE 1). Although the analysis assessed adherence to the highest levels of clinical guideline recommendations, it is not possible to gauge the appropriateness of treatment selections. Treatment decisions should be based on independent medical judgment in the context of individual patient characteristics and preferences.

#### TABLE 1. Quantitative analysis criteria<sup>2</sup>

	mCSPC	nmCRPC	mCRPC
Clinical state criteria	Diagnosed with metastatic prostate cancer in the last 36 months	<ul> <li>No evidence of metastatic prostate cancer</li> </ul>	<ul> <li>Diagnosed with metastatic prostate cancer in the last 36 months</li> </ul>
	<ul> <li>No evidence of castration resistance</li> </ul>	<ul> <li>Identified as castration resistant in the last 36 months</li> <li>Available PSADT</li> </ul>	<ul> <li>Identified as castration resistant in the last 36 months</li> </ul>
Treatments with	• ADT + androgen biosynthesis inhibitor	PSADT > 10 months	ADT + androgen biosynthesis inhibitor
highest level of	<ul> <li>ADT + second-generation androgen receptor inhibitors*</li> <li>ADT + chemotherapy*</li> </ul>	<ul> <li>ADT monotherapy</li> </ul>	<ul> <li>ADT + second-generation androgen receptor inhibitor*</li> </ul>
clinical guideline recommendations		$PSADT \leq 10$ months	<ul> <li>ADT + chemotherapy</li> </ul>
		<ul> <li>ADT + second-generation androgen</li> </ul>	<ul> <li>ADT + immunotherapy* (bone or nodal metastases only)</li> </ul>
		receptor inhibitors	<ul> <li>ADT + radiopharmaceutical (bone metastases only)</li> </ul>
All other	• ADT + fine particle androgen	• ADT + secondary hormone therapy <sup>†</sup>	ADT + fine particle androgen biosynthesis inhibitor
treatments	biosynthesis inhibitor	<ul> <li>All other treatments</li> </ul>	<ul> <li>ADT + secondary hormone therapy<sup>†</sup></li> </ul>
	• ADT + EBRT		All other treatments
	<ul> <li>ADT monotherapy</li> </ul>		
	All other treatments		

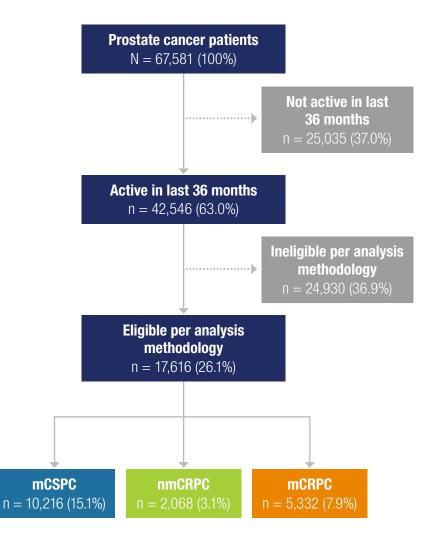
Treatments with highest level of clinical guideline recommendations were those receiving either Category 1 recommendation (NCCN Guidelines<sup>®</sup>) or Strong Recommendation (AUA/ASTRO/SUO Guidelines) at the time of analysis. A Category 1 recommendation is based on high-level evidence and indicates uniform NCCN consensus that the intervention is appropriate.<sup>3</sup> To view the most recent and complete version of the guideline, go online to NCCN.org. Strong Recommendations are directive statements that an action should (benefits outweigh risks/burdens) or should not (risks/burdens outweigh benefits) be undertaken because net benefit or net harm is substantial.<sup>4</sup> The complete AUA/ASTRO/SUO Guidelines can be found at www.AUAnet.org/Guidelines.

\*Only select therapies within this treatment class are recommended in this clinical state. Refer to the full guidelines for specific recommendations. \*Secondary hormone therapy included antifungal therapy, first-generation androgen receptor inhibitor, corticosteroid, and estrogen therapy.<sup>2</sup>

ADT, androgen deprivation therapy; EBRT, external beam radiotherapy; PSADT, prostate-specific antigen doubling time.

### **Patient population**

#### FIGURE 2. Flow diagram of patient selection for quantitative analysis<sup>2</sup>



# Limitations

The PPS Analytics Platform for prostate cancer is sourced from EHRs from participating community urology practices.<sup>2</sup> The identification of patients for evaluation based on patient type (ie, mCSPC, nmCRPC, and mCRPC) relies on the extensiveness of patient care data documentation. A limitation to such data is that a patient's disease state can be determined in a variety of ways, especially in regards to the identification of castration resistance. While there is a specific International Classification of Disease, 10th Revision (ICD-10) code to formally diagnose a patient with castration resistance, there is not a corresponding code in the preceding 9th Revision.

Variability existed at the practice level in regards to castration resistance diagnosis criteria.<sup>2</sup> Most patients received a castration resistance diagnosis because of 2 consecutive rises in PSA while on ADT (68.5% of patients with nmCRPC; 40.8% of patients with mCRPC). Through qualitative interviews, it was uncovered that some practices used a threshold of greater than 0.0 ng/dL, while others were more conservative and used thresholds of 0.7 ng/dL, 1.0 ng/dL, or 1.5 ng/dL. Because variances in castration resistance diagnosis thresholds cannot be accounted for across all 100 practices in the portal, a PSA rise of greater than 0.0 ng/dL was used in our data model. This means that some of the patients defined as castration resistant at the practice level.

The analysis was limited to member practices of the PPS Analytics network.<sup>2</sup> As such, the results of this analysis may not be representative of all U.S. urology practices.

## **Qualitative assessment**

# Identifying possible underlying themes for observed treatment patterns

To complement the quantitative analysis, PPS Analytics conducted interviews with clinical navigators, providers, and administrators from 8 urology practices from the PPS network.<sup>2</sup> Interviewed practices were selected to provide a representation of the larger population, varying in practice size and covering multiple geographic practice locations. Although care was taken to ensure the subset aligned with demographics from the quantitative analysis, the small sample size means that it may not be representative of national trends.

Additionally, PPS Analytics conducted chart reviews of 100 de-identified patients at random.<sup>2</sup> The objective of the qualitative assessment was to identify, analyze, and document potential reasons for treatment patterns observed during the quantitative portion of the analysis.





## **Results**

# The internal quantitative analysis suggests variation in treatment selection across clinical states<sup>2</sup>

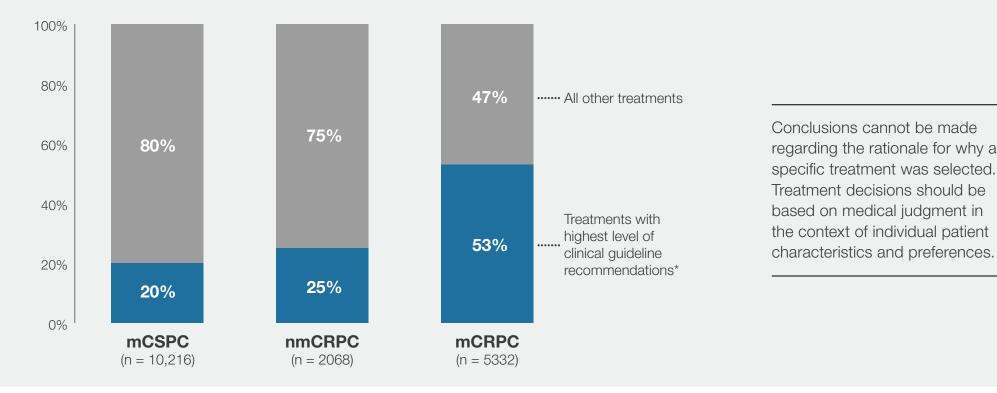


FIGURE 3. Percent of patients receiving treatment by type of clinical guideline recommendation<sup>2\*</sup>

\*Treatments with highest level of clinical guideline recommendations were those receiving either Category 1 recommendation (NCCN Guidelines) or Strong Recommendation (AUA/ASTRO/SUO Guidelines) at the time of analysis. A Category 1 recommendation is based on high-level evidence and indicates uniform NCCN consensus that the intervention is appropriate.<sup>3</sup> To view the most recent and complete version of the guideline, go online to NCCN.org. Strong Recommendations are directive statements that an action should (benefits outweigh risks/burdens) or should not (risks/burdens outweigh benefits) be undertaken because net benefit or net harm is substantial.<sup>4</sup> The complete AUA/ASTRO/SUO Guidelines can be found at www.AUAnet.org/Guidelines.

## The qualitative analysis identified 4 potential operational barriers that may lead to variations in care<sup>2</sup>

Practice representatives comprised clinical navigators, providers, and administrators from 8 urology practices.<sup>2</sup> PPS Analytics conducted a comparative analysis of demographics and treatment patterns from the 8 interviewed practices against the larger quantitative analysis population to ensure appropriate representation.

#### FIGURE 4. Potential operational barriers to evidence-based care<sup>2</sup>

Follow-up appointments

## **Protocol adherence**

on patient care



Delays in follow-up care may result in missed opportunities for additional care





Inconsistent biochemical and radiographic monitoring following LHRH therapy initiation

Gaps in protocols directing staff

## **Resource allocation**



Documentation

Inconsistent workflows



Inefficient resource allocation (ie, staffing and financial allocations to support protocols/documentation) may diminish patient care

Interviewed practice representatives agreed that there were barriers that could lead to potential variations in care.

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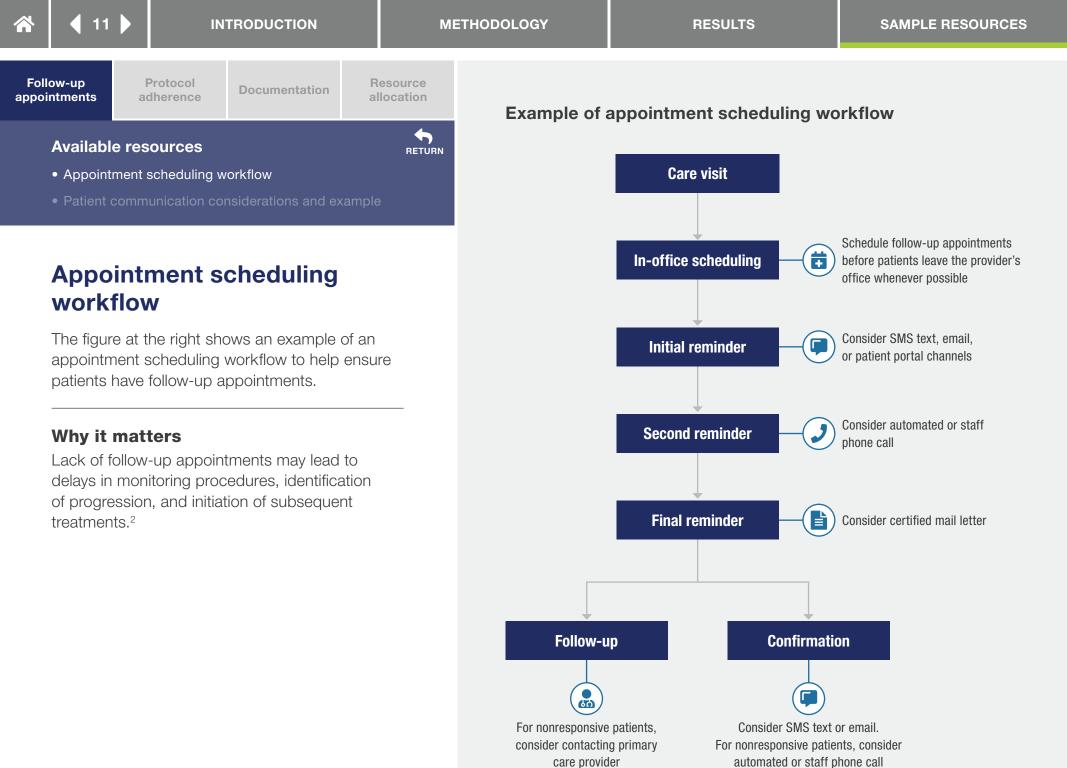
## **Sample resources**

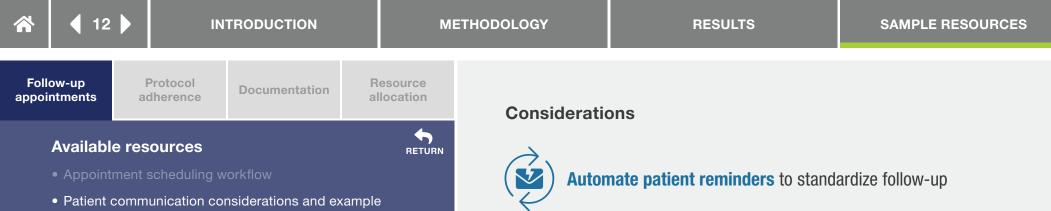
The following sample resources are not intended to be comprehensive, definitive, or absolute, and have not been validated to demonstrate impact. Your organization is solely responsible for implementing solutions that meet the needs of your organization. While these resources may assist providers, the decision regarding how to treat must ultimately be made by a provider in consultation with the patient.

#### **Sample resources**

Click resources to view examples.

	follow-up appointments	2 Protocol adherence	<b>3</b> Documentation	<b>4</b> Resource allocation	
s v F c g	Appointment scheduling workflow Patient communication guide and example	<ul> <li>Disease progression and monitoring guides</li> <li>Evidence-based treatment guide</li> </ul>	Patient characteristics guide	<ul> <li>Multidisciplinary care team checklist</li> <li>Prior authorization guide</li> </ul>	





 $\bullet \bullet \bullet$ 

and communication

Schedule a follow-up appointment

Appointment confirmation

Date: [DATE]

Time: [TIME]

Example of patient communication emails

Click here or call [XXX-XXX-XXXX] to schedule an appointment.

# Patient communication considerations and example

A variety of channels may be used to facilitate follow-up appointments, including in-office scheduling slips, SMS text, email, secure email via patient portals, automated or live phone calls, and certified letters.

## Examples for illustrative purposes only. It is the responsibility of each practice to develop a template that works for their purposes.

This is a reminder to schedule your follow-up appointment with [ORGANIZATION; PROVIDER].

This is a reminder that you have an appointment scheduled. Please <u>click here</u> to confirm. To reschedule or cancel, <u>click here</u> or call [XXX-XXX-XXXX]. Your appointment details are below:

Phone: [PHONE]

Email: [EMAIL]

Provider: [PROVIDER]

Address: [ADDRESS]

Location: [ORGANIZATION]

Tailor the communication channel that meets the

needs for both your practice and your patient population

**Identify a single champion** for consistent patient tracking

*	<b>1</b> 3		IN <sup>.</sup>	TRODUCTION	м	ETHODOLOGY	RESULTS	SAMPLE RESOURCES
	ow-up ntments	-	Protocol Iherence	Documentation	Resource allocation			
	Availabl	e res	ources		RETURN			
	• Disease	progre	ession and m	nonitoring guides		Monitoring f	or biochemical progression	1
	• Evidenc	e-base	ed treatment	guide		PSA monitoring	recommendations based on NC	CCN Guidelines

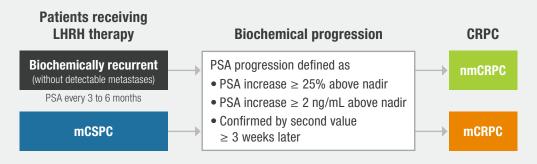
# **Disease progression and** monitoring guides

The recommendations shown at right are based on clinical guidelines and expert consensus. They may aid in standardizing monitoring protocols and identifying patients at the point of progression or who may benefit from additional follow-up.

### Why it matters

Leading organizations such as the NCCN and AUA recommend routine monitoring of patients with advanced prostate cancer.<sup>3,4</sup> Appropriate monitoring strategies may help ensure patients are considered for recommended treatments based on their stage of prostate cancer.

and PCWG3<sup>3,5</sup>



### Monitoring for metastatic disease

RADAR criteria for conventional imaging based on clinical state and criteria<sup>6</sup>

At diagnosis	<b>Biochemically recurrent</b>	nmCRPC
Intermediate- to high-risk patients with $\ge 2$ of the following: • PSA > 10 ng/mL • Gleason score $\ge 7$ • Palpable disease ( $\ge$ T2b)	<ul> <li>PSA: 5-10 ng/mL</li> <li>If negative, rescan at:</li> <li>PSA = 20 ng/mL</li> <li>Every PSA doubling thereafter</li> </ul>	<ul> <li>PSA: ≥ 2 ng/mL</li> <li>If negative, rescan at:</li> <li>PSA = 5 ng/mL</li> <li>Every PSA doubling thereafter</li> </ul>

*	<b>1</b> 4	IN			ETHODOLOGY	RESULTS	SAMPLE RESOURCES
Follow- appointm		Protocol adherence	Documentation	Resource allocation			
Av	vailable	resources		RETURN	Clinical guid by clinical st	leline treatment recommene tate <sup>*3,4</sup>	dations

- Disease progression and monitoring guides
- Evidence-based treatment guide

## **Evidence-based treatment guide**

Treatment recommendations stratified by recommendation strength are shown at right.

#### Why it matters

Prostate cancer treatment recommendations vary by clinical state and evidence levels.<sup>3,4</sup>

#### Cond, conditional; CP, clinical principle; NA, not applicable; Str, strong.

\*Treatment recommendations are provided in context of continued LHRH therapy. Recommendations shown are based on highest level of evidence or strength of recommendation.

<sup>†</sup>This is a summary of relevant portions of the Guideline. Please see the full AUA/ASTRO/SUO Advanced Prostate Cancer Guideline at www.AUAnet.org/Guidelines. <sup>‡</sup>This is a summary of relevant portions of the Guideline. Please see the full NCCN Guidelines for Prostate Cancer at NCCN.org. §Only select therapies within this treatment class are recommended in this clinical state. Refer to the full guidelines for specific recommendations. Recommendation shown is for docetaxel only.<sup>3,4</sup> Mitoxantrone may be offered as a treatment option for mCRPC (NCCN Guidelines: Category 2A).3

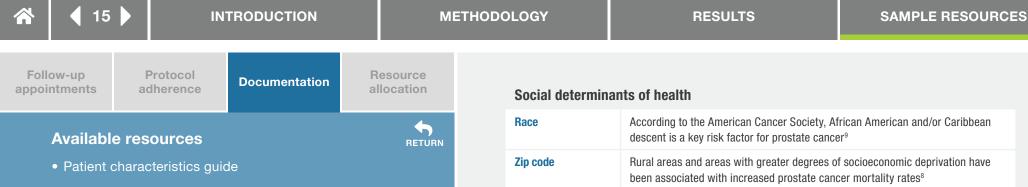
<sup>1</sup>Includes bilateral orchiectomy or LHRH agonist with or without addition of first-generation antiandrogen or LHRH antagonist.3 #AUA: For patients at high risk for developing metastases only (PSA doubling time  $\leq 10$  months).<sup>4</sup>

- \*\*NCCN: In patients with PSA doubling time  $\leq$  10 months only.<sup>3</sup>
- <sup>++</sup>NCCN: In patients with PSA doubling time > 10 months only.3
- <sup>‡‡</sup>AUA: Particularly patients at lower risk (PSA doubling time > 10 months) for developing metastatic disease.<sup>4</sup> <sup>§§</sup>May include antifungal, first-generation androgen receptor inhibitor, and corticosteroid therapies.<sup>3</sup> Recommendations for adenocarcinoma only.3 <sup>11</sup>In patients with bone metastases only.<sup>3,4</sup> ##In certain asymptomatic/minimally symptomatic patients only.3,4

Systemic therapy for mCSPC	AUA <sup>†</sup>	NCCN <sup>‡</sup>
Androgen biosynthesis inhibitor§	Str (A)	1
Second-generation and rogen receptor inhibitor $\ensuremath{\$}$	Str (A)	1
Chemotherapy	Str (A)	1
LHRH monotherapy <sup>1</sup>	NA	2A
Fine-particle androgen biosynthesis inhibitor	NA	2B

Systemic therapy for nmCRPC	AUA <sup>+</sup>	NCCN <sup>‡</sup>
Second-generation androgen receptor inhibitor ***	Str (A)	1
Observation + LHRH therapy 1++++	СР	2A
Other secondary hormone therapy $\ensuremath{^{\$\$}}$	NA	2A

Systemic therapy for first-line mCRPC	AUA <sup>†</sup>	NCCN <sup>‡IIII</sup>
Androgen biosynthesis inhibitor§	Str (A)	1
Second-generation androgen receptor inhibitor§	Str (A)	1
Radiopharmaceutical <sup>§11</sup>	Str (B)	1
Chemotherapy	Str (B)	1
Immunotherapy <sup>§##</sup>	Cond (B)	1
Fine-particle androgen biosynthesis inhibitor	NA	2A
Other secondary hormone therapy ${}^{\$\$}$	NA	2A
LHRH monotherapy <sup>1</sup>	NA	NA



# Patient characteristics guide

These patient characteristics may be useful indicators of overall patient state.

### Why it matters

Numerous clinical factors, such as PSA kinetics and Gleason score, influence risk of prostate cancer progression.<sup>3</sup> Additionally, nonclinical factors, such as race and geography, play a role in risk of progression and mortality.<sup>3,7,8</sup> Comprehensive documentation of clinical and social characteristics may help contextualize risk and mitigate health inequities by ensuring healthcare providers have holistic information that can help support an individualized treatment approach.

Race	According to the American Cancer Society, African American and/or Caribbean
	descent is a key risk factor for prostate cancer <sup>9</sup>
Zip code	Rural areas and areas with greater degrees of socioeconomic deprivation have been associated with increased prostate cancer mortality rates <sup>8</sup>
Education	Lower levels of education have been associated with lower prostate cancer screening $\ensuremath{rates^{10}}$
Marital status	Unmarried men have been shown to be at increased risk for prostate cancer- specific mortality compared with married men <sup>11</sup>
Clinical character	ristics
Comorbidities	Cardiovascular (eg, hypertension) and endocrine system (eg, diabetes) conditions are commonly reported comorbidities and may be exacerbated by treatments such as LHRH therapy <sup>12,13</sup>
Life expectancy	NCCN Guidelines recommend life expectancy be considered when making prostate cancer treatment and screening decisions <sup>3</sup>
Gleason score	NCCN Guidelines include Gleason scores as a component of risk stratification <sup>3</sup>
Clinical stage (TNM)	NCCN Guidelines include clinical stage as a component of risk stratification <sup>3</sup>
Risk group	NCCN Guidelines recommend stratifying patients by risk group to inform treatment decisions <sup>3</sup>
Genetic/germline mutations	NCCN Guidelines recommend germline genetic testing in select patients based on risk group, ancestry, and family history $^{\rm 3}$
Monitoring and d	isease progression
PSA level	NCCN Guidelines recommend routine PSA testing every 3 to 6 months in patients with advanced prostate cancer $^{\rm 3}$
Testosterone level	NCCN Guidelines recommend maintaining castrate serum levels of testosterone (< 50 ng/dL) in patients with CRPC $^3$
Bone imaging	Autopsy reports indicate that bone is the most common site of prostate cancer metastasis, occurring in approximately 90% of patients with metastatic prostate cancer <sup>14</sup>
Soft tissue imaging	Although less common than bone metastases, the presence or absence of pelvic

± abdominal or visceral metastases is an important consideration in determining

appropriate treatment<sup>3</sup>

	М	ETHODOLOGY	RESULTS		SAMPLE RESOURCES
Follow-up Protocol Documentation appointments	Resource allocation				
<ul> <li>Available resources</li> <li>Multidisciplinary care team checklist</li> <li>Additional support services to consider</li> <li>Prior authorization guide</li> </ul>	<text><list-item><section-header></section-header></list-item></text>		ialties to consider	<ul> <li>Diagnostic radiologists can interpret imaging results and recommend treatment in patients with regional or metastatic prostate cancer<sup>21</sup></li> <li>Surgical oncologists/urologists can help determine patient eligibility for surgery, such as radical prostatectomy<sup>17</sup></li> <li>Pathologists can assess biopsy tissue and assign Gleason scores to help stratify by risk group<sup>3</sup></li> <li>Allied professions to consider</li> <li>Genetic counselor: NCCN Guidelines recommend pretest genetic counseling in patients receiving genetic testing as well as posttest genetic counseling in patients receiving genetic testing as well as posttest genetic counseling in patients receiving denetic dassistance to patients to help coordinate care, overcome healthcare barriers, and provide education<sup>22</sup></li> <li>Social workers/counselors can help patients navigate nonmedical situations such as securing transportation, acquiring home care, and returning to work<sup>23</sup></li> <li>Sexual health coach: Prostate cancer treatments such as radical prostatectomy have been shown to negatively impact sexual function.<sup>3</sup> American Cancer Society Prostate Cancer Survivorship Care Guidelines recommend patients with persistent sexual dysfunction be referred for counseling<sup>18</sup></li> <li>Dietitian: American Cancer Society Prostate Cancer Survivorship Care Guidelines recommend a diet high in vegetables, fruits, vitamin D, and calcium in prostate cancer survivors, especially in those receiving LHRH therapy who are at increased risk for osteoporosis<sup>13,18</sup></li> </ul>	
<b>checklist</b> The checklist to the right includes a list of potential specialties to consider as part of a multidisciplinary prostate cancer team. <b>Why it matters</b> Prostate cancer often requires interconnect communication and information transfer as specialties to effectively coordinate optimal delivery. <sup>15</sup> According to an analysis of treat selection within a multidisciplinary prostate cancer clinic at MD Anderson (n = 4,451) what is a special selection within a multidisciplinary consult more likely to receive treatment tailored to			d ischemic heart disease t common comorbidities ents with prostate cancer pated by treatments such as ider: American Cancer Society rvivorship Care Guidelines primary care clinicians ir role as the general medical roughout the spectrum of <b>charmacists</b> aid in medication iggement as well as supportive ialty medications <sup>19</sup> iabetes is present in of patients with prostate cancer pated by treatments such as <b>sician:</b> NCCN Guidelines egration of palliative care as gy care plans <sup>20</sup> <b>nologist:</b> Patients with prostate LHRH therapy are nearly twice depression than those who Cancer Society Prostate Cancer uidelines recommend at least of distress, depression, and tate cancer survivors <sup>18</sup>		
SEER, Surveillance, Epidemiology, and End Results.		This is not intended to	b be a comprehensive list and other	specialties	could also be considered.



## Additional support services to consider



### ISSUE

The patient does not have a reliable form of transportation and/or experiences long commutes to attend appointments

 Rideshare services offer tailored programs for patients experiencing transportation challenges.<sup>24,25</sup>
 Such services may be covered in part or in whole by the patient's insurance provider—check with the specific insurer for requirements and restrictions<sup>26</sup>



**ISSUE** English is not the patient's primary language

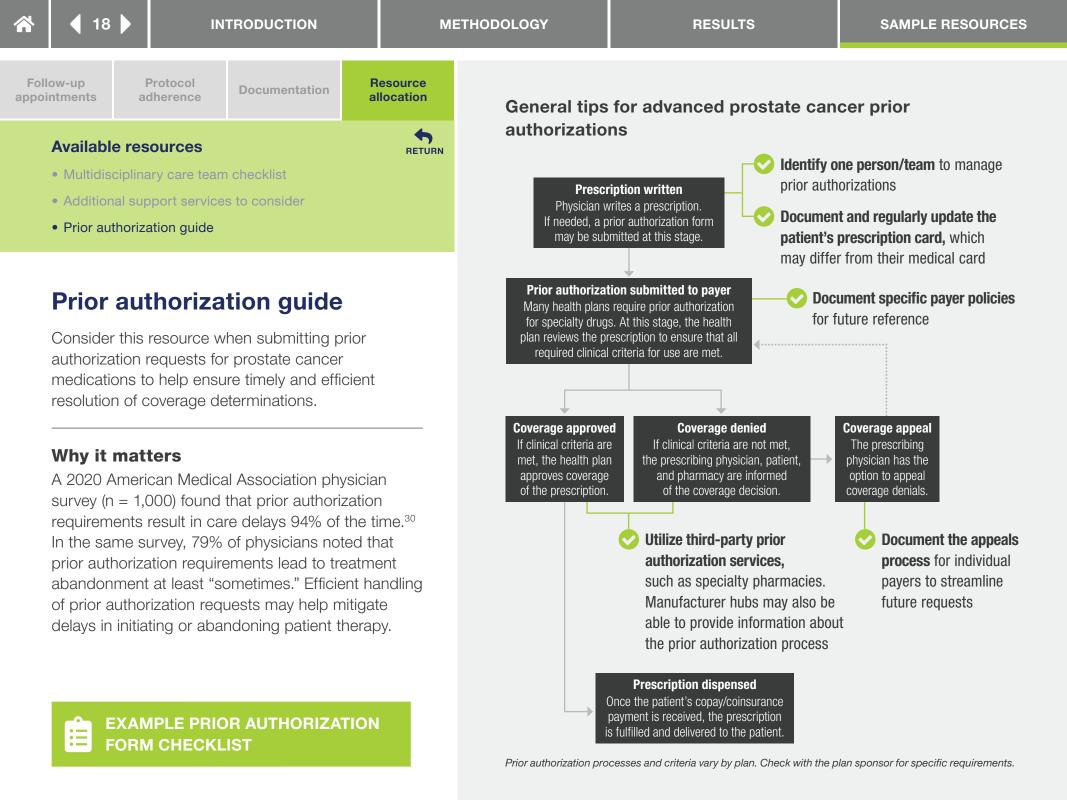
- Coordinate with an affiliated hospital or health system, which may provide translation services to patients with limited English proficiency<sup>27</sup>
- Caregivers, such as spouses and children, may be able to act as de facto translators for patients



#### ISSUE

The patient has a difficult time understanding their condition and/or medical care plan

- According to the 2003 National Assessment of Adult Literacy, 36% of Americans possess basic or below basic health literacy<sup>28</sup>
- The Agency for Healthcare Research and Quality offers a Health Literacy Universal Precautions Toolkit to help facilitate effective communications between providers and patients<sup>29</sup>



INTRODUCTION

IETHODOLOGY

X

Follow-up appointments ol Docume

#### **Available resources**

- Multidisciplinary care team checklist
- Additional support services to consider
- Prior authorization guide

## **Prior authorization guide**

Consider this resource when submitting prior authorization requests for prostate cancer medications to help ensure timely and efficient resolution of coverage determinations.

#### Why it matters

A 2020 American Medical Association physician survey (n = 1,000) found that prior authorization requirements result in care delays 94% of the time.<sup>30</sup> In the same survey, 79% of physicians noted that prior authorization requirements lead to treatment abandonment at least "sometimes." Efficient handling of prior authorization requests may help mitigate delays in initiating or abandoning patient therapy.

### EXAMPLE PRIOR AUTHORIZATION FORM CHECKLIST

# Key information typically requested by payers for prior authorizations

Prior authorization processes and criteria vary by plan. Check with the plan sponsor for specific requirements.

#### Patient demographics

Patient diagnosis information

Primary diagnosis code

Diagnosis date
 PSA values
 Imaging results
 Testosterone values
 Pathology reports

Secondary diagnosis code

Name
Date of birth
Address
Phone number

# Medication information (cont'd)

Dosage and administration

Quantity
Number of refills
Drug allergies
Prescription insurance information
Insurer name
Insurer address
Insurer phone number
RxBIN #
RxPCN #
RxGroup #
Member ID #
Previous medications
Name
Dosage and administration
Duration of therapy

# Provider information

\_\_\_\_\_ Office address

Office phone number

Provider name

Provider NPI number

#### **Medication information**

Name

New or refill

### Clinical rationale

Reason for discontinuation

Clinical criteria and evidence (eg, clinical guideline recommendations) to demonstrate appropriate use

NPI, National Provider Identifier.

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# Examining community urology practice trends in advanced prostate cancer



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