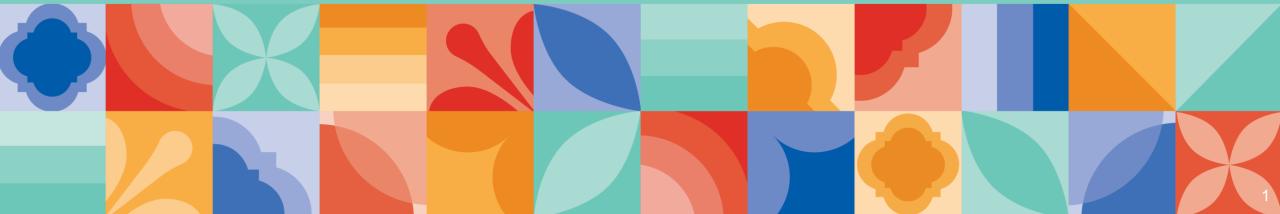


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Differences in barriers and facilitators to first-line treatment intensification in metastatic castration-sensitive prostate cancer between urologists and oncologists: A sub-analysis of the IMPLEMENT study

Stacy Loeb,*1 Neeraj Agarwal,*2 Nader El-Chaar,3 Laura de Ruiter,3 Janet Kim,3 Jesse Mack,3 Christopher Bland,4 Sarah Rich-Zendel,5 Jin Su Joo,5 Judith Dyson6

¹Department of Urology and Department of Population Health, New York University Langone Health, New York, NY, USA; ²Huntsman Cancer Institute, University of Utah, Salt Lake City, UT, USA; ³Astellas Pharma Inc., Northbrook, IL, USA; ⁴Pfizer Inc., New York, NY, USA; ⁵Throughline Strategy, Toronto, Ontario, Canada; ⁶Birmingham City University, Birmingham, UK



^{*}Contributed equally to the study



Disclosures and acknowledgements



- Disclosures: Christopher Bland is an employee of Pfizer. Laura de Ruiter, Nader El-Chaar, Janet Kim and Jessica Mack are employees of Astellas Pharma. Judith Dyson reports consulting work for Astellas Pharma. Neeraj Agarwal reports conducting scientific studies for Astellas, Astra Zeneca, Bayer, Bristol Myers Squibb, Eli Lilly, Exelixis, Foundation Medicine, Genentech, Gilead, Janssen, Merck, Nektar, Novartis, Pfizer, and Seattle Genetics. Stacy Loeb reports consulting with Astellas Pharma. Sarah Rich-Zendel reports consulting for Astellas Pharma and Lilly. Jin Su Joo reports consulting for Astellas Pharma and Horizon.
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Introduction



- First-line treatment intensification (i.e., androgen-deprivation therapy [ADT]
 with chemotherapy, novel hormonal therapies, or both) in metastatic
 castration-sensitive prostate cancer (mCSPC):
 - Is recommended as a treatment option in AUA guidelines¹ and NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines[®])²
 - Improves overall survival, without affecting quality of life compared to ADT alone or combined with nonsteroidal antiandrogens³
 - Is used in only 13% and 37% of patients treated by urologists and oncologists, respectively⁴

Objective: To examine differences in barriers and facilitators to mCSPC treatment intensification between urologists and oncologists using an implementation science approach

Study Design – Implementation Science Approach



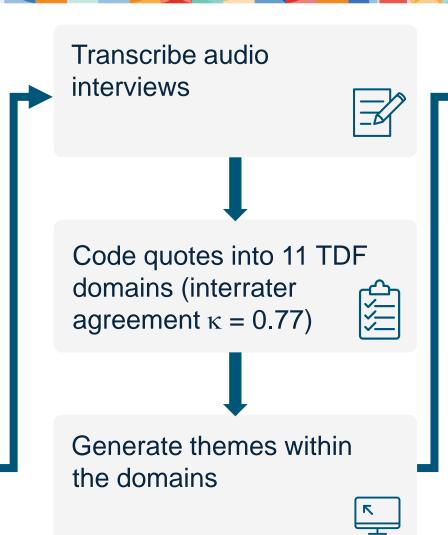
Population:

- US-based urologists (n = 18)
 and oncologists (n = 18)
- Primary treater for ≥1 patient with mCSPC in the past 6 months
- •≥50% of time in direct patient care





Virtual double-blind, semistructured interviews using a Theoretical Domain Framework (TDF)-based discussion guide1



Evaluate themes and domains to identify key barriers and facilitators





Differences of ≥20% between urologists and oncologists were considered notable²





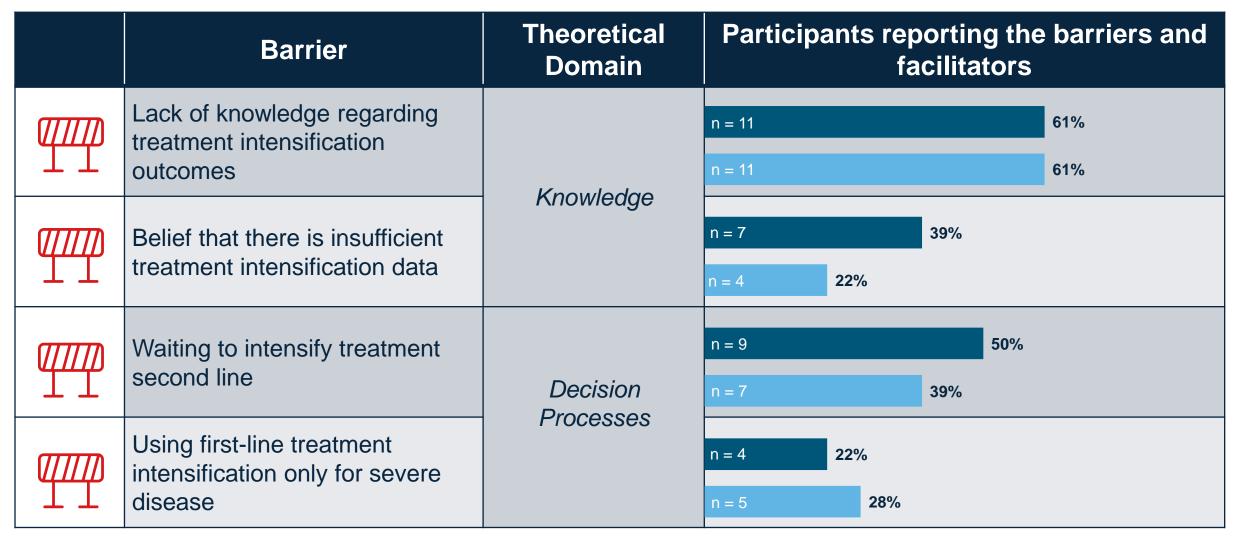
Sample Characteristics



	Urologists (n = 18)	Oncologists (n = 18)
Years in practice, average (range)	21 (9-34)	16 (5-30)
Male, n (%)	18 (100)	15 (83)
Female, n (%)	0 (0)	3 (17)
High intensifier (intensify >50% of patients), n (%)	6 (33)	10 (56)
Low intensifier (intensify ≤50% of patients), n (%)	12 (67)	8 (44)
Academic setting, n (%)	5 (28)	9 (50)
Non-academic setting, n (%)	13 (72)	9 (50)
Urban/suburban location, n (%)	14 (78)	17 (94)
Rural location, n (%)	4 (22)	1 (6)
Northeast region, n (%)	6 (33)	8 (44)
South region, n (%)	5 (28)	3 (17)
Midwest region, n (%)	1 (6)	5 (28)
West region n (%)	6 (33)	2 (11)

Key barriers identified in both specialties





Peripheral facilitators identified in both specialties



	Facilitator	Theoretical Domain	Participants reporting the barriers and facilitators
Confidence in first-line treatment intensification Beliefs about Capabilities	onfidence in first-line	Reliefs about	n = 6 33%
	Capabilities	n = 9 50%	
	Comfort with managing	Skills	n = 7 39%
	treatment intensification		n = 4 22%

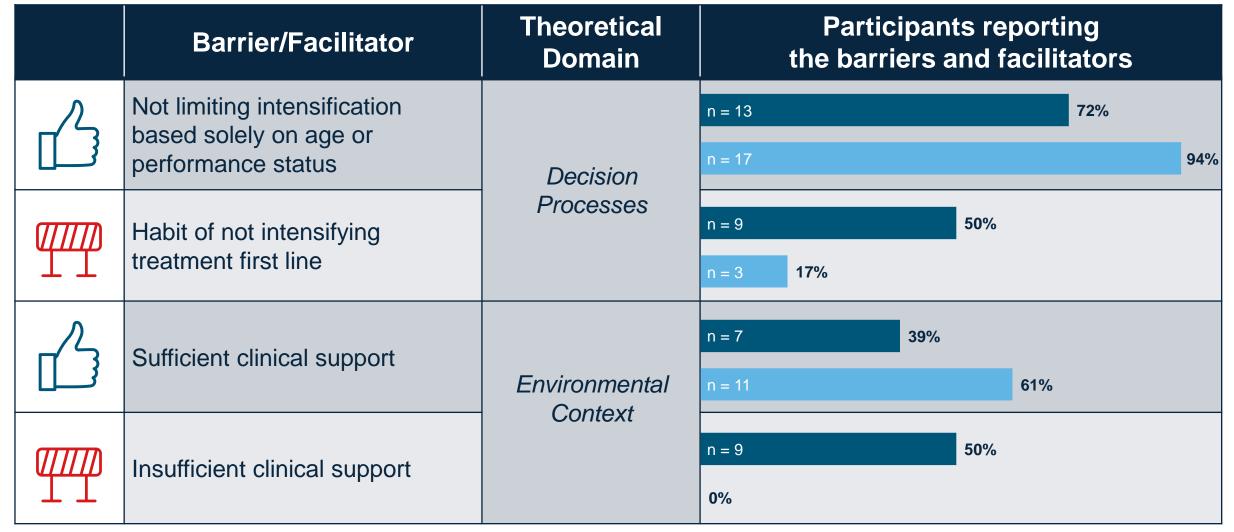
Notable differences in key barriers and facilitators between specialties



	Barrier/Facilitator	Theoretical Domain	Participants reporting the barriers and facilitators
	Good interdisciplinary collaboration	Social/Professional Role and Identity	n = 11 61% n = 7 39%
	Referring patients to an oncologist when intensification is not possible at practice		n = 9 50%
	Belief that urologists should be able to intensify treatment		n = 10 56% n = 3 17%
TI	Urologists waiting too long to refer patients to oncologists		n = 1 6% n = 5 28%

Notable differences in key barriers and facilitators between specialties





Notable differences in key and peripheral barriers and facilitators between specialties



Barrier/Facilitator	Theoretical Domain	Participants reporting the barriers and facilitators
Anticipated regret about losing the best chance at improving survival	Beliefs about Consequences*	n = 5 28% 72%
Low-intensifier peer environment	Social Influences†	n = 7 39% n = 3 17%
Clinical pathways	Action Planning [†]	0% n = 4 22%

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Conclusion: Barriers and facilitators encountered by specialty







Habit of starting patients on ADT or first-generation anti-androgens



Urologists hanging on to patients for too long



Insufficient clinical support



Good clinical support



Good collaboration with oncologists; referring patients when unable to intensify



Tendency not to limit intensification solely based on age or performance



Belief in urologist role in treatment intensification



Anticipated regret about losing the best chance at improving survival