



GUARD SYMPOSIUM

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6-7 JULIO 2023

GU-Alliance for Research
and Development

Taller: Cancer de Próstata Sensible a Castración

Dr. Fernando López Campos, Hospital Universitario Ramón y Cajal, Madrid

Dr. José Mª Piulats, Institut Català d'Oncologia (ICO) – IDIBELL, Barcelona

Dr. Miguel Ramírez Backhaus, Instituto Valenciano de Oncología – IVO, Valencia

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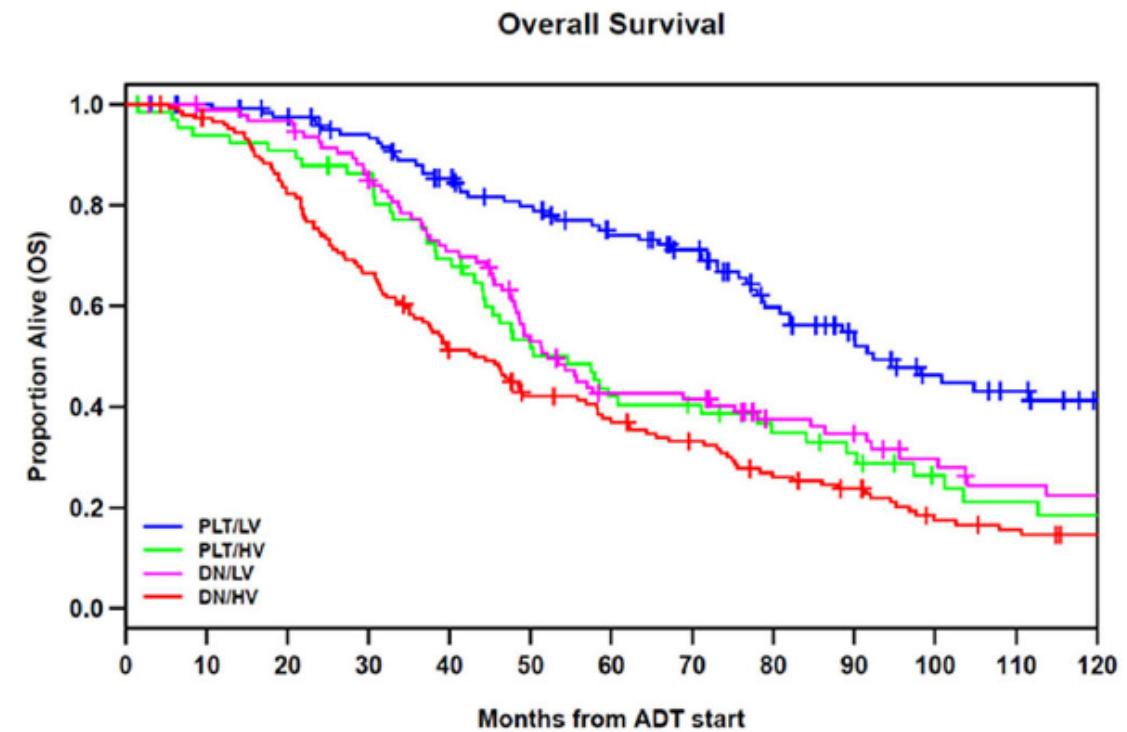
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	Synchronous	Metachronic
High	mOS 43.2 months mTTCR 12.2 months	mOS 55,2 months mTTCR 15 months
Low	mOS 51,6 months mTTCR 17,9 months	mOS 92,4 months mTTCR 25,6 months



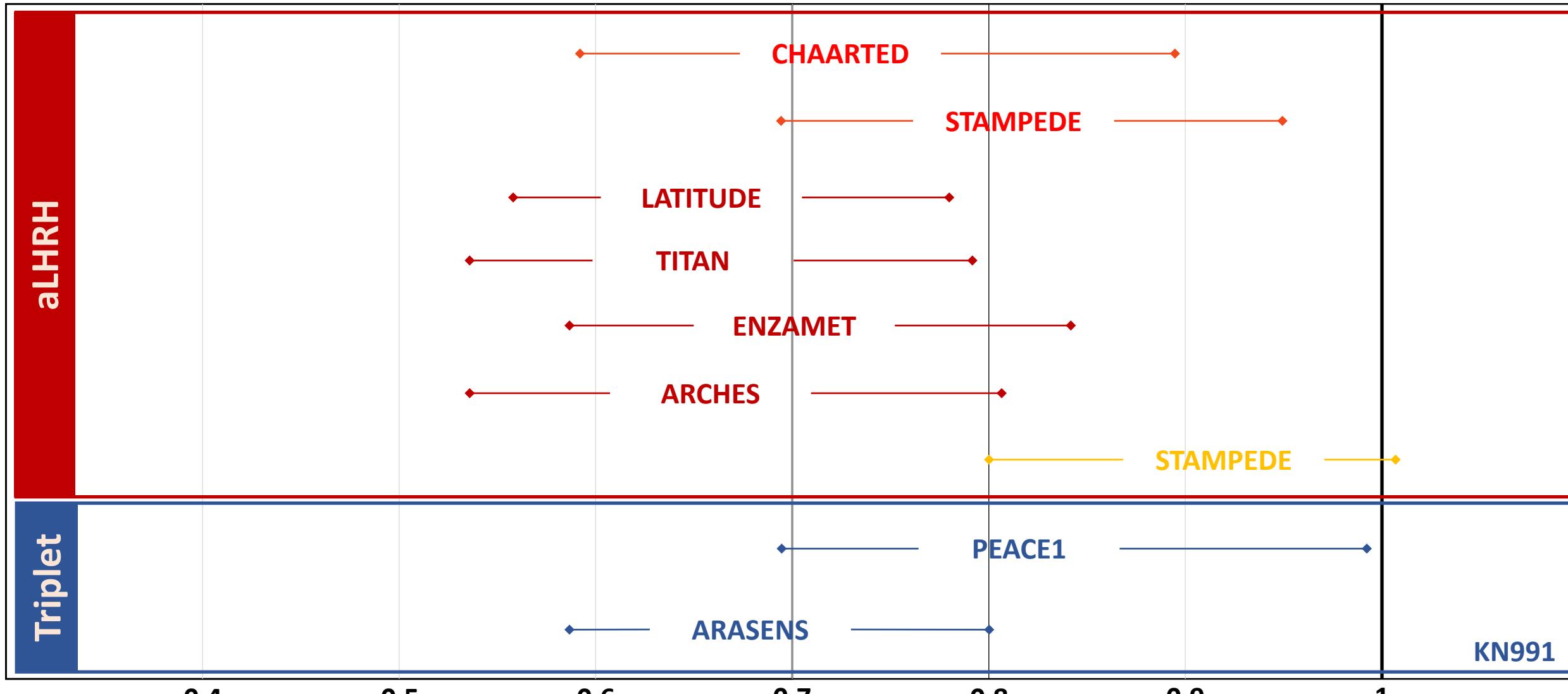
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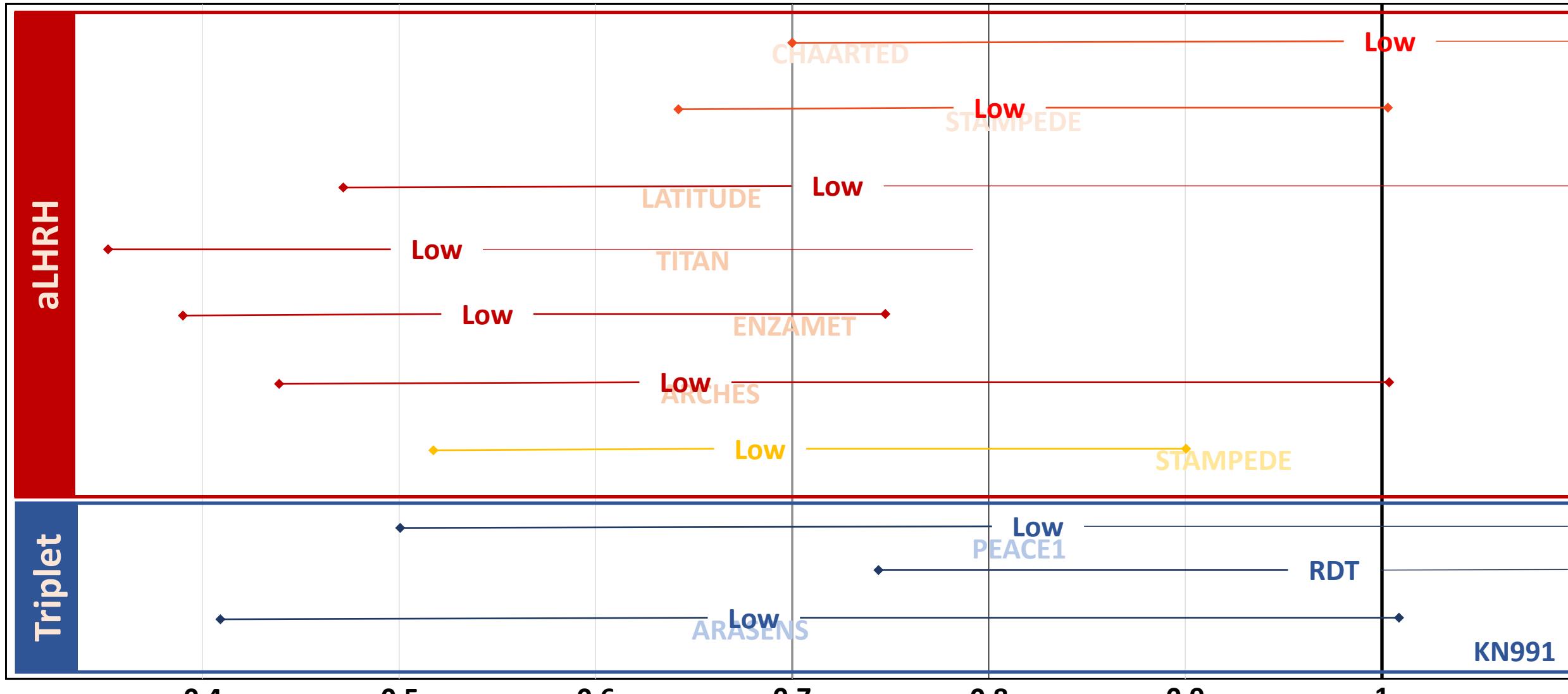
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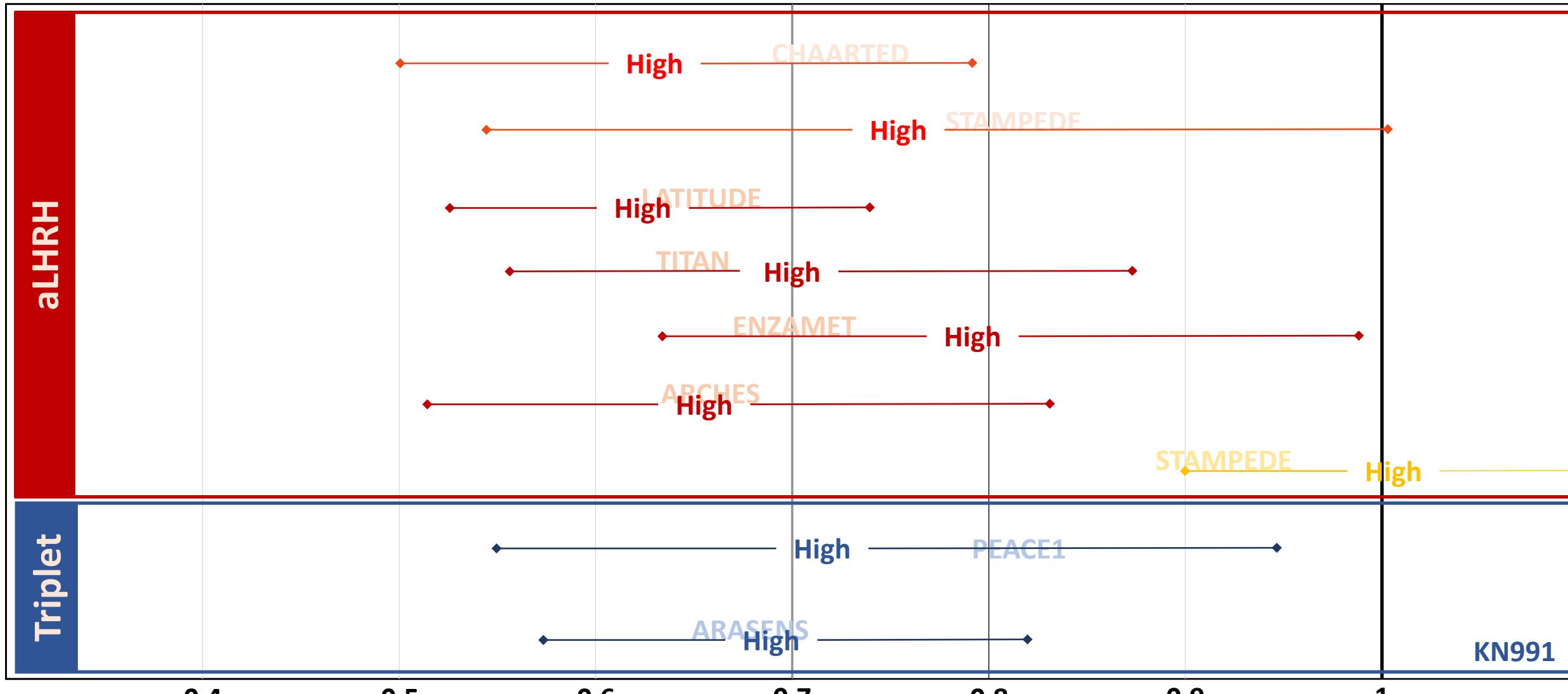
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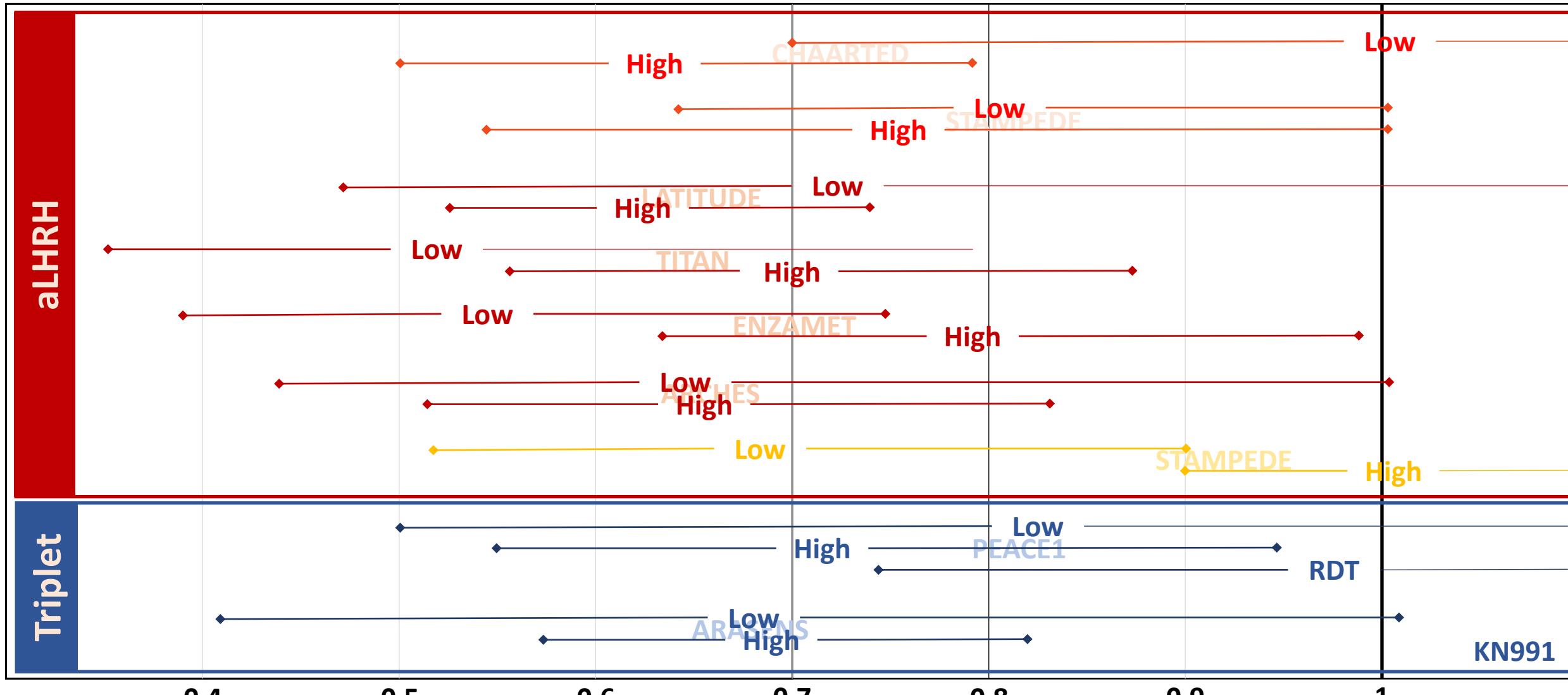
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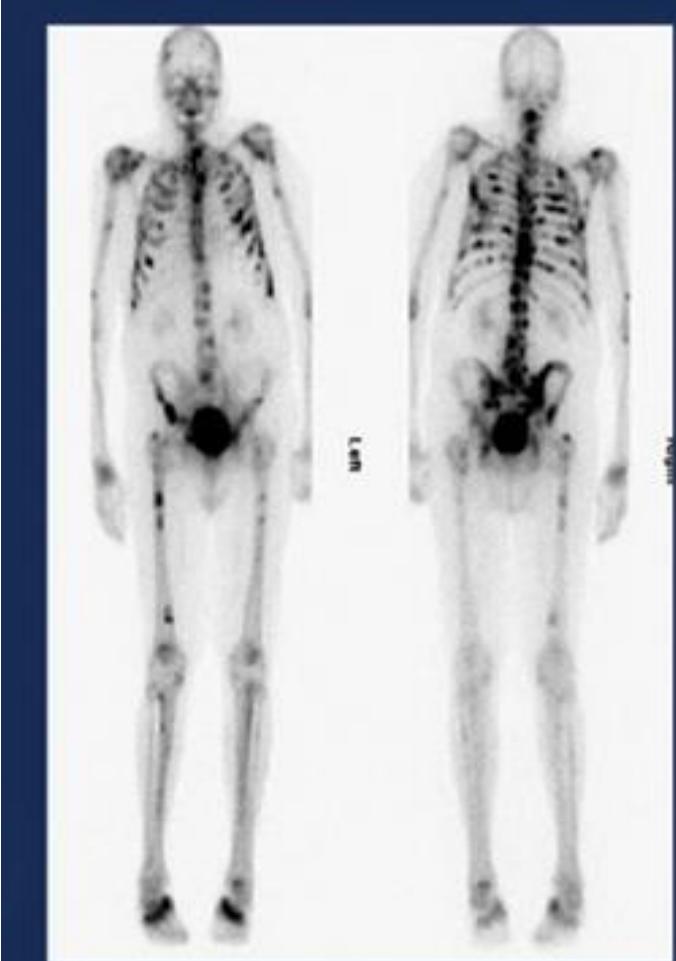
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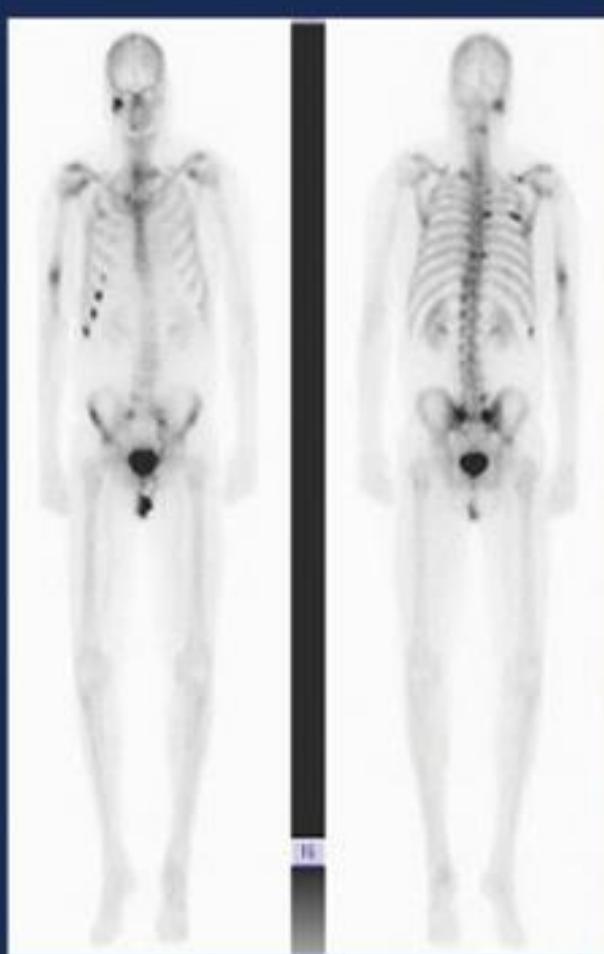
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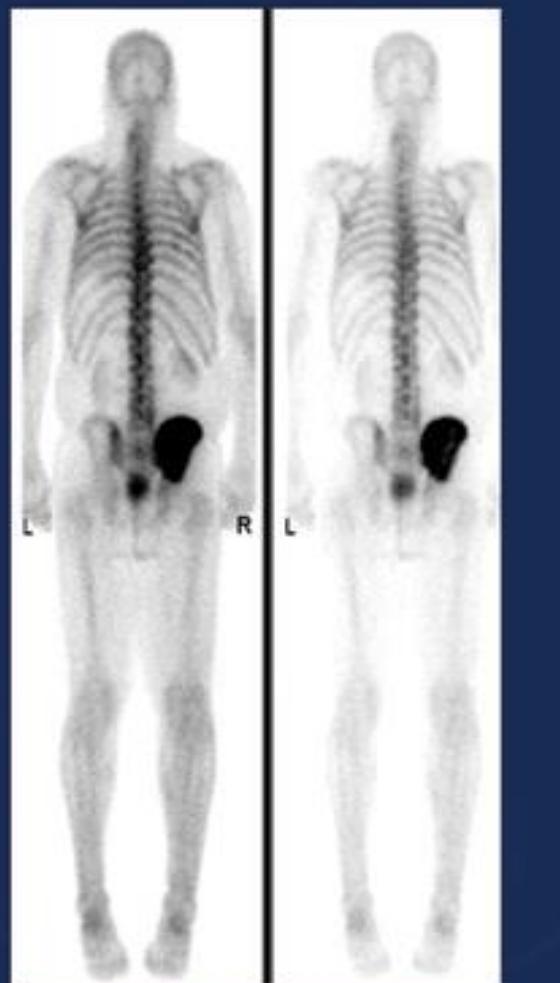
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≥ 4 lesions



≥ 4 lesions



<4 lesions

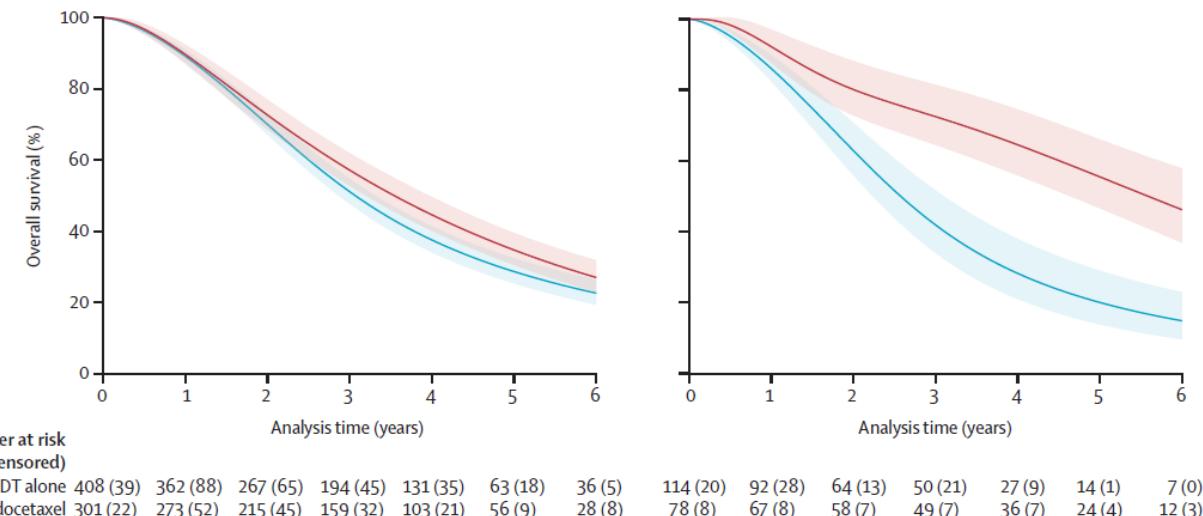
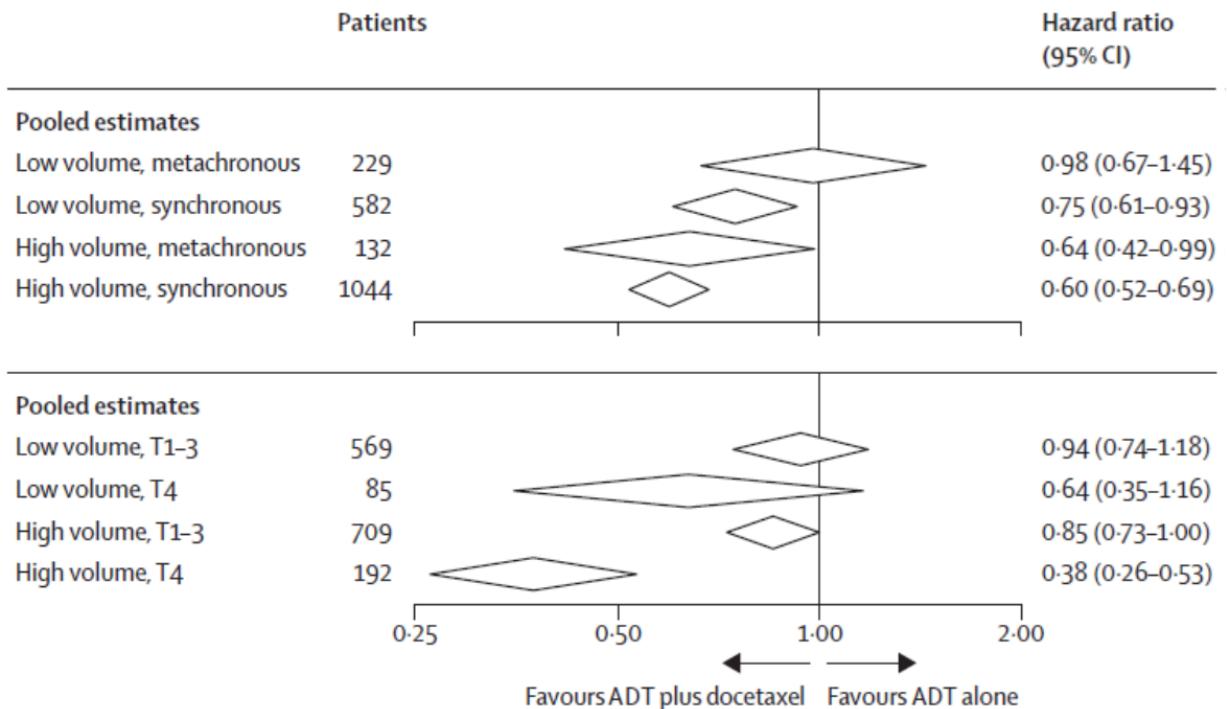
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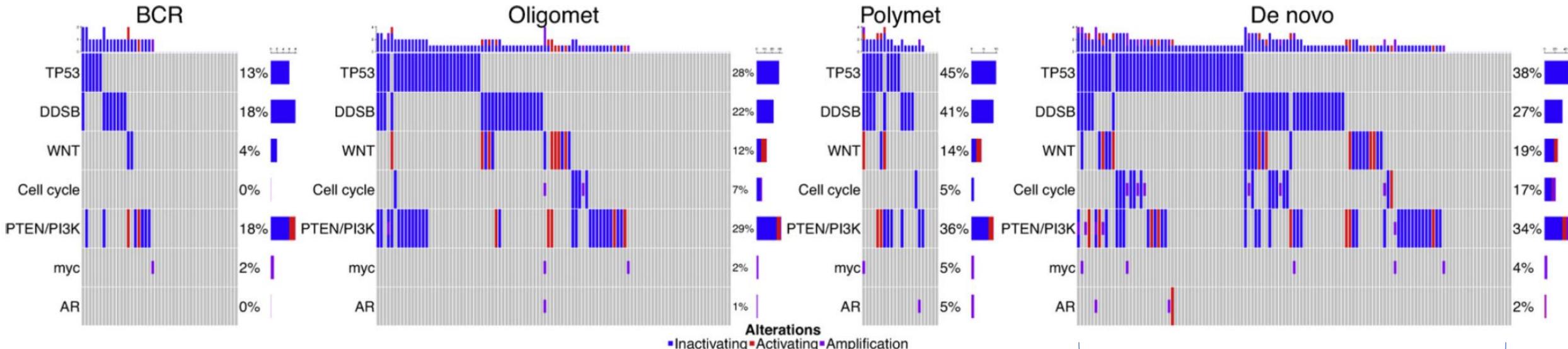
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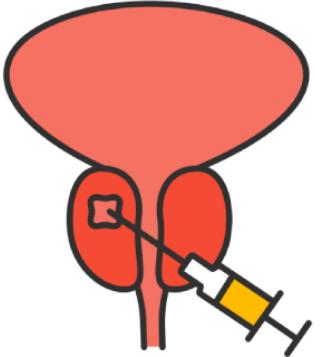
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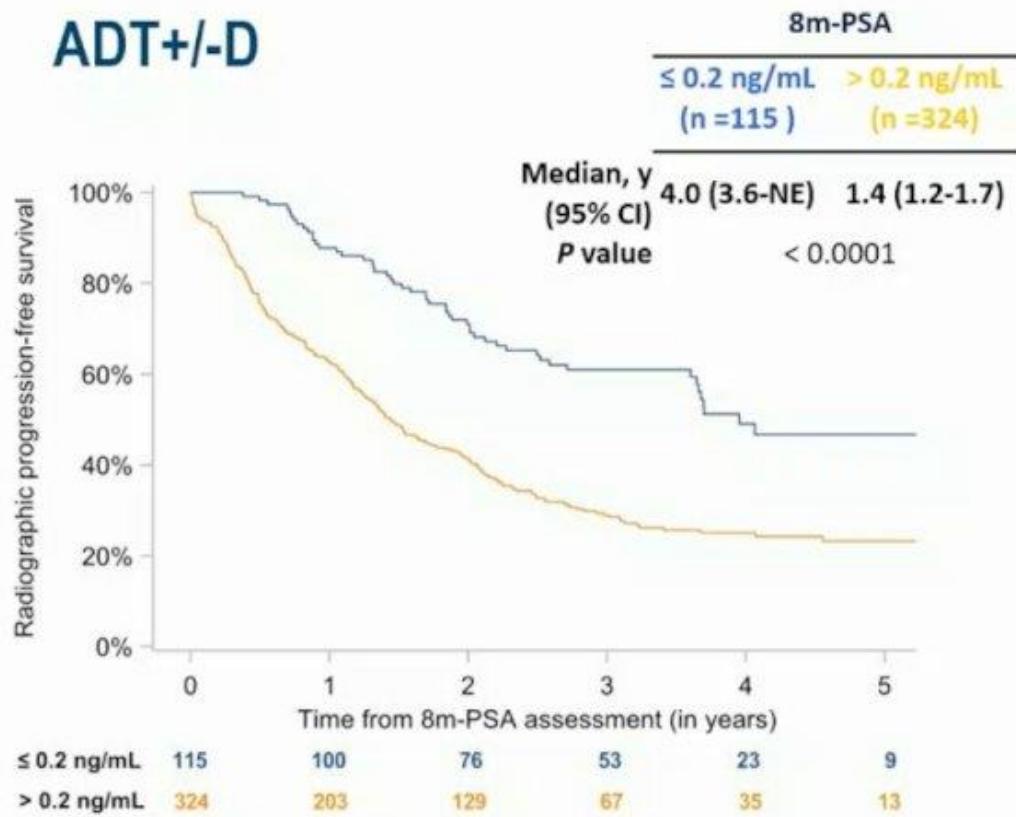
Low/High

- TALAPRO3** - DDR/HRR
- CAPItello** - MTOR deficiency
- CYCLONE3** - High Volume/High Risk

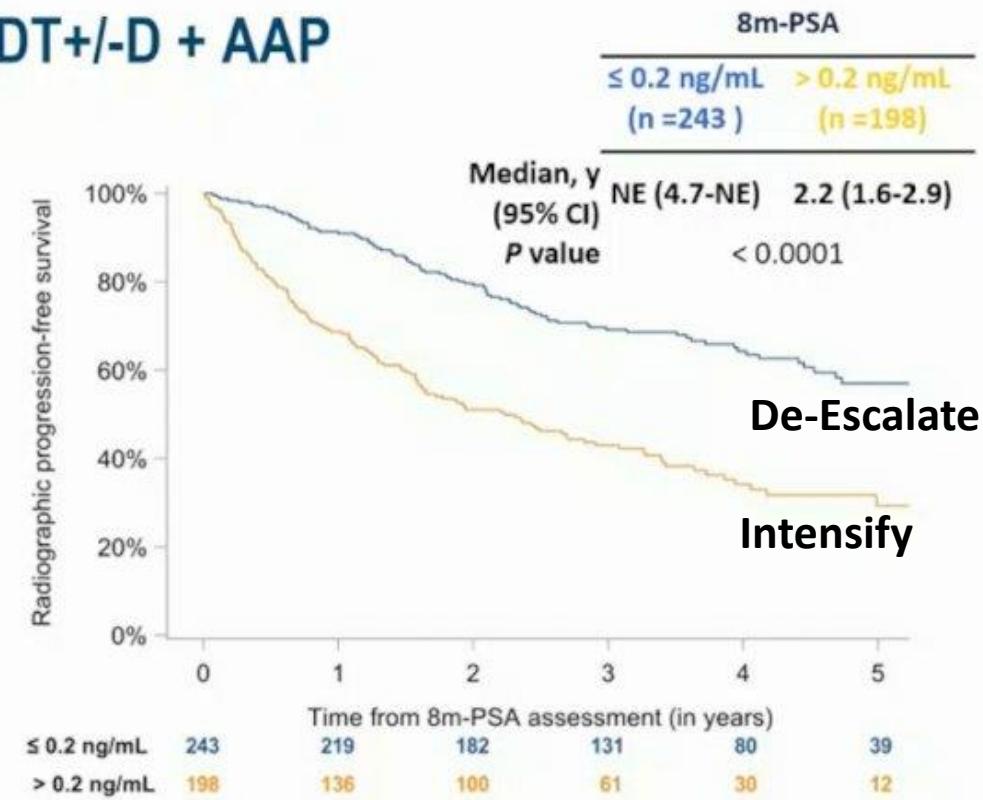


Dynamic Approach

ADT+/-D



ADT+/-D + AAP

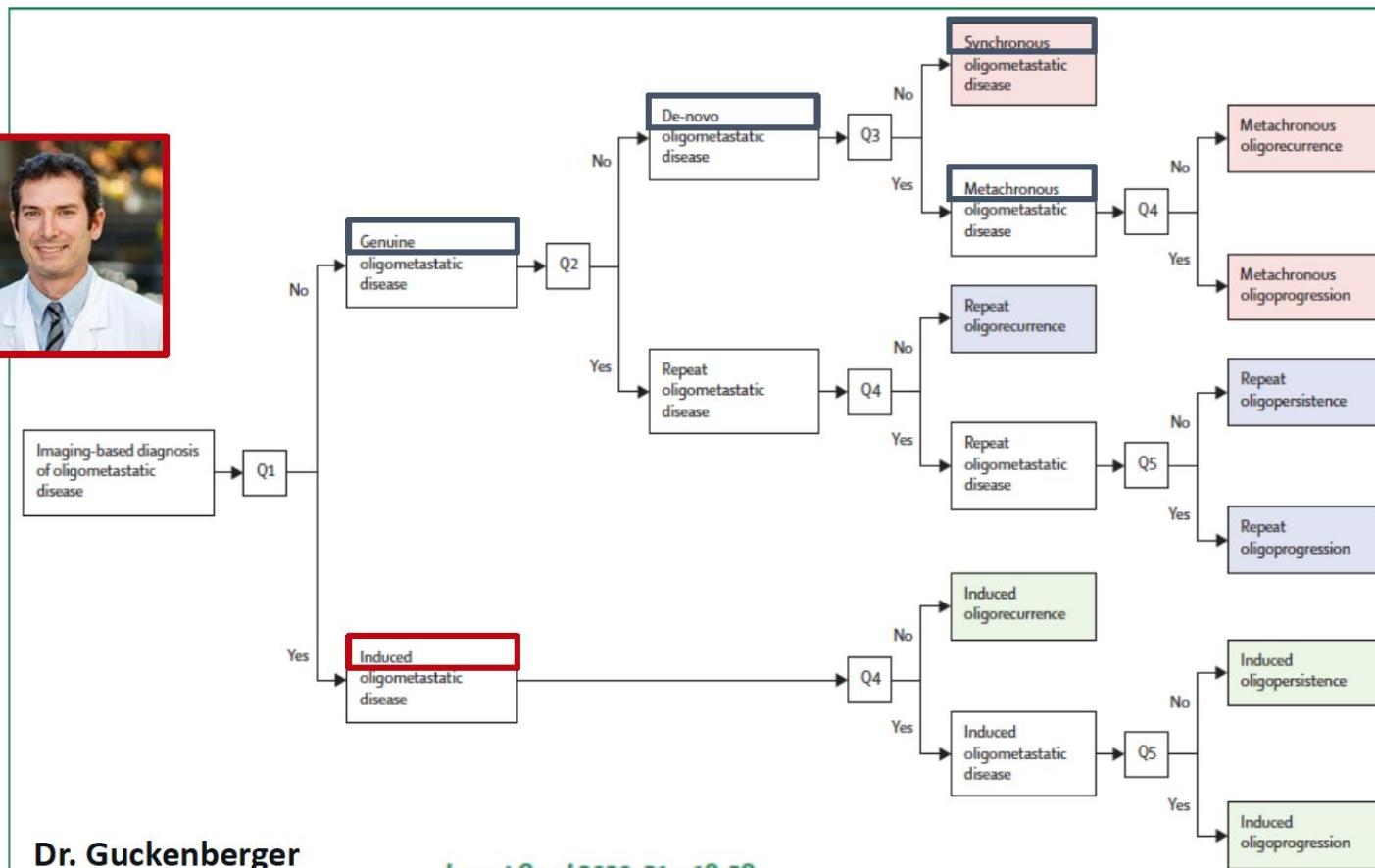


BACKGROUND



...like pornography, she “doesn’t know how to define it, but I’ll know it when I see it”. Prior expert consensus at the APCCC included the ability to deliver ablative therapy with curative intent”

Dr Taplin. APCCC 2022



Dr. Guckenberger

Lancet Oncol 2020; 21: e18–28

OLIGOMETASTATIC ≠ LOW VOLUME DISEASE

Confusing, misleading and inconsistent terminology



Major questions are un-answered: definition of Oligometastases

n=3



n=5



- First prime number ?
- God father, god son, holy spirit ?
- Greeks gods: Zeus, Poseidon und Hades ?
- Three Patriarchs: Abraham, Isaac and Jacob ?

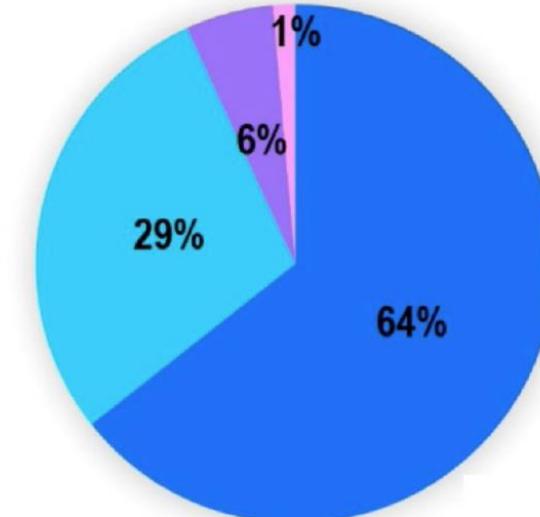
- Max. of 3 or 5 mets in one or two organs
- No solid clinical basis, surely no biological



APCCC 2021 Conference

Question #6 asked For local treatment of the primary tumor in mHSPC, what is the cut-off of the number of bone metastases based on conventional imaging for recommending local treatment of the primary tumor?

1. 3 or less bone metastases (64% of respondents)
2. 5 or less bone metastases (29% of respondents)
3. No upper limit of bone metastases (6% of respondents)
4. I don't recommend local treatment of the primary in the metastatic setting (1% of respondents)
5. Abstain (1 respondent)



- Option 1
- Option 2
- Option 3
- Option 4

Option	Votes
Option 1	47
Option 2	21
Option 3	4
Option 4	1
Abstain	1
Total votes	74

Theme: Advances in PET offer greater detection at low PSA for PSA-recurrent disease

PSA	¹¹ C-choline	¹⁸ F-fluciclovine	⁶⁸ Ga-PSMA	¹⁸ F-DCFPyL	¹⁸ F-rhPSMA-7
<0.5	14-44%	31%	58%	60%	71%
0.5 to 1.0		50%	73%	78%	78%
1.0 to <2.0	29-81%	66%	93%	72%	86%
>2.0	55-89%	84%	97%	92%	95%

Choline:

Nanni *et al.* *Eur J Nucl Med Mol Imaging* 2016; **43**: 1601-1610.

Schwenck *et al.* *Eur J Nucl Med Mol Imaging* 2017; **44**: 92-101.

Fluciclovine:

Andriole *et al.* *J Urol* 2019; **201**: 322-331.

Ga-PSMA:

Eiber *et al.* *J Nucl Med* 2015; **56**: 668-674.

DCFPyL:

Rousseau *et al.* *J Nucl Med* 2019; **60**: 1587-1593.

rhPSMA:

Eiber *et al.* *J Nucl Med* 2019; [epub ahead of print].

Doctors Indefinitions

OLIGOBELIVERS

“it's always worth it”

OLIGOSCEPTIC

“it may be worth it”

OLIGOHATERS

“not worth it”

OLIGOCONVENIENCE

“I do not have technology, but I do not derive it”

“my machines are too full to treat it”

“this special case (recommended patient) I would like you to treat it”

the paradox of the search for evidence in radiation oncology



Platinum Opinion

When What You See Is Not Always What You Get: Raising the Bar of Evidence for New Diagnostic Imaging Modalities

Nora Sundahl ^{a,b,*}, Silke Gillessen ^{c,d,e,f}, Christopher Sweeney ^{g,h}, Piet Ost ^a

Sundahl et al. Eur Urol 2021



"When the Okies left Oklahoma and moved to California, they raised the average intelligence level in both states."

Will Rogers

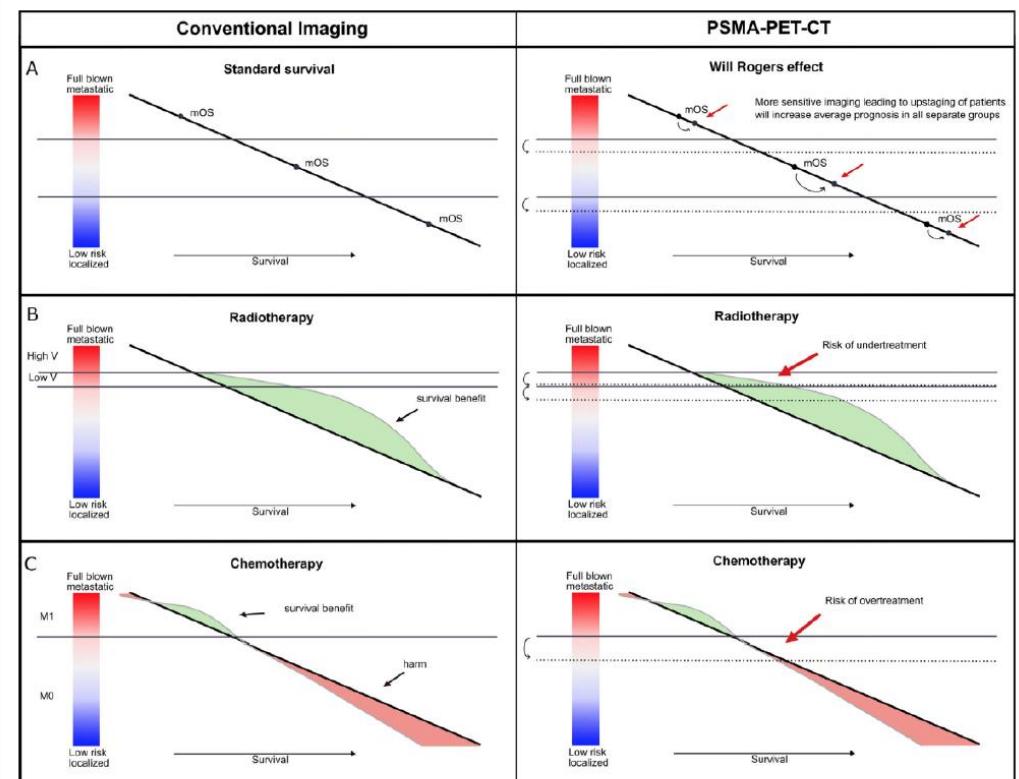
posit that using more sensitive novel imaging may be like driving a Ferrari across London when a Mini will also get you there, but with less angst. Conversely, evidence of



PSMA



Imagen convencional





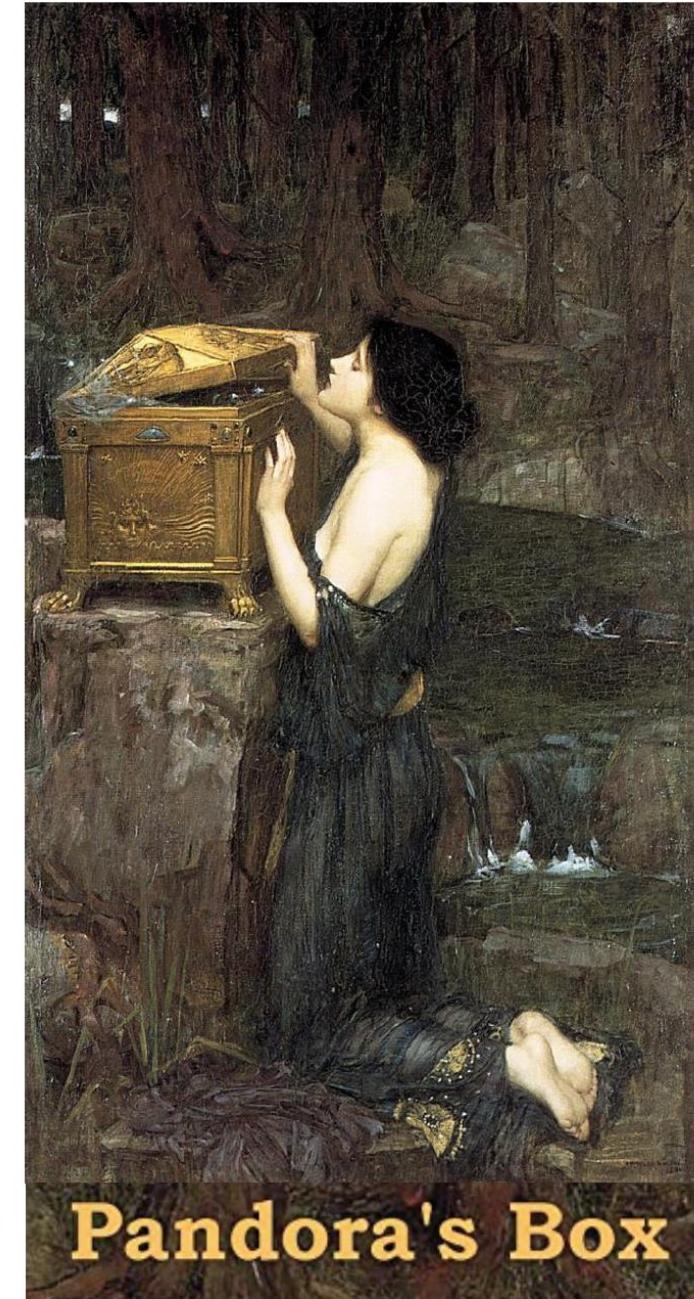
Platinum Opinion

Modern Imaging in Prostate Cancer: Do We Treat Patients, or Their Scans?

Malcolm D. Mason ^{a,*}, Theodorus H. van der Kwast ^b, Nicolas Mottet ^c, Daniela E. Oprea-Lager ^d, Olivier Rouvière ^{e,f}, the members of the EAU-EANM-ESTRO-ESUR-ISUP-SIOG Prostate Cancer Guidelines Panel[†]

Mason MD et al. Eur Urol 2022

Pandora's box is open: we cannot ignore modern imaging techniques and continue (re)staging and treating disease as we did in the era of conventional imaging. Instead, we must learn how to properly interpret modern imaging and how to treat patients, with an understanding of what that treatment achieves in terms of clinical outcomes such as overall survival, disease recurrence, and quality of life.



Pandora's Box

mHSPC Treatment Plans by Risk Groups##:

	Presentation of Metastases	Metastases CT/WBBS**	Main Plan Testo Suppress plus	Consider^
Good	Metachronous	3 or less bone mets (+/- NRLN#)	NHT^^	? Add SBRT
Intermediate	Metachronous	4 or more bone mets (visc mets: rare)	NHT	? Add Doc for <u>very</u> select pts
Intermediate	<i>De Novo</i> / Synchronous	3 or less bone mets (+/- NRLN)	NHT + Prostate Rads*	? SBRT if Rx all ? Docetaxel if extensive LAN
Poor	<i>De Novo</i> / Synchronous	4 or more bone mets &/or visceral mets	NHT Add docetaxel if chemofit	Trials Trials

** CT (incl CT of CT-PET) and Tc Bone scan (future refinements to be made based on PSMA PET and biomarkers)

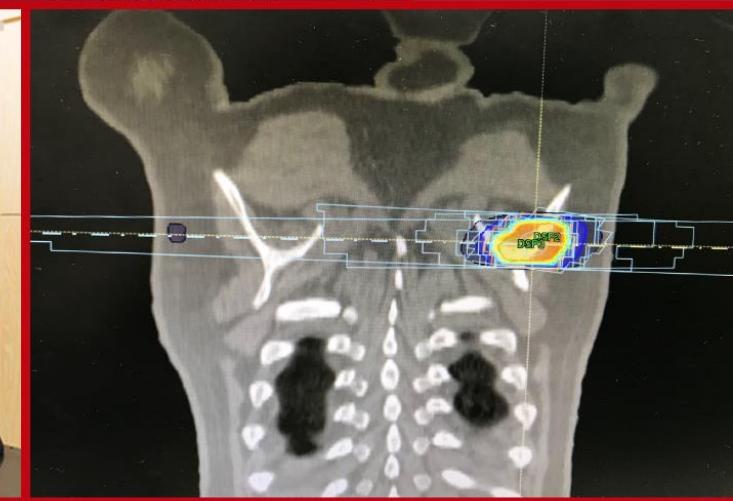
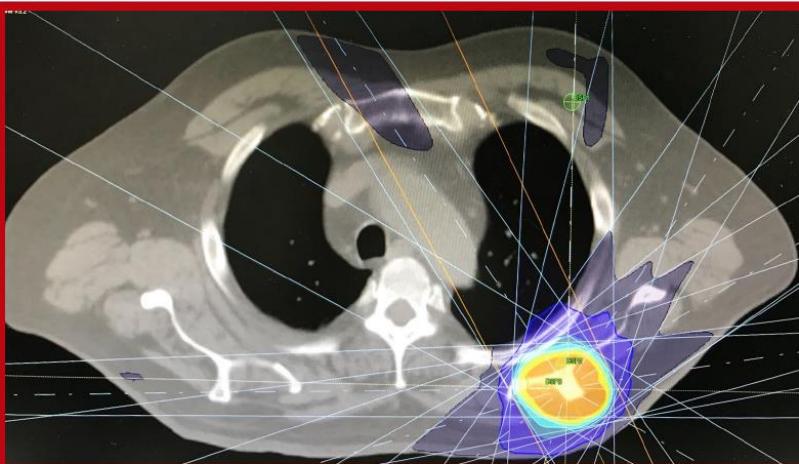
^trials; *awaiting PEACE-1; #non-regional LNs; ^^NHT: new hormonal therapy = abiraterone, apa-enza-, darolutamide



KEEP
CALM
BY
FOCUSING ON
SBRT

INTENCIÓN ABLATIVA
ALTA DOSIS POR FRACCIÓN

GRAN PRECISIÓN
ELEVADO GRADIENTE





Review of Prospective Trials Assessing the Role of Stereotactic Body Radiation Therapy for Metastasis-directed Treatment in Oligometastatic Genitourinary Cancers

Huynh MA R et al. Eur Urol 2022

CLINICAL TRIALS

STOMP ORIOLE

Trial	Year	Study design	Arms (n = patients/lesions)	Screening imaging	# Mets allowed	Concomitant ADT (%)	Lesion characteristics	MDT details	Median follow-up (mo)	Local control	PFS	Median ADT-FS	QoL	Toxicities
STOMP	2018	Phase II RCT	Metastatic-directed therapy (31/51) vs surveillance (31/65)	Choline PET-CT	1–3	0	Bone 39%, node 55%, mixed 5%, viscera 2%	PLND (n = 5), metastasectomy (n = 1), SBRT (n = 25) 30 Gy/3F, PTV = GTV + 2–5 mm	36	100 (MDT) vs 77% (OBS), at last FU, median 36 mo	PSA PFS 10 mo (MDT) vs 6 mo (OBS)	21 mo (MDT) vs 13 mo (OBS), p = 0.11	No difference	No grade ≥3
ORIOLE	2020	Phase II RCT	SABR (n = 36) vs observation (n = 18)	CT, MRI, or bone scan; PSMA-PET performed but investigators blinded	1–3	0	Bone 39%, node 61%	19.5–48 Gy/3–5F	19	98.9% (6 mo)	Progression at 6 mo—19% (SBRT) vs 61% (OBS)	NR	No difference	No grade ≥3
POPSTAR	2018	Phase I	SBRT to all single arm (33/50)	CT, bone scan, NaF-PET	1–3	33	Bone 61%, node 36%, bone and node 3%	20 Gy/1F prescribed to periphery at 80% of maximal dose, covering 95% target volume; PTV = GTV + 5 mm	24	97%/93% (1/2 yr)	58%/39% (1/2 yr DPFS)	2-yr ADT-FS 48% ^a	No difference	1 grade 3 (3%, vertebral fracture)
PSMA-MRgRT	2021	Phase II	SBRT or surgery to all mets (37)	Negative conventional staging and positive PSMA-PET-MR/CT	1–5	0	Node 92%, bone 8%	SBRT (n = 27) 27–30 Gy/3F; surgery (n = 10)	16	22% CR (100% PSA decline, PSA <0.05 ng/ml); 38% PR (≥50% PSA decline)	17.7 mo		1 grade 3 ureter injury and 1 grade 3 DVT in surgery MDT cohort	

CLINICAL TRIALS

Trial	Oligometastatic setting	Number of mets	Screening imaging	Design	Primary endpoint	Therapy
NCT03298087	De novo/synchronous	5	NaF-PET-CT or PSMA PET-CT	Single-arm phase II	PSA response	Radical prostatectomy + SABR + 6 mo of ADT (lupron, apalutamide, abiraterone)
NCT03784755 (PLATON)	De novo/synchronous	3	CT/MRI of chest/abdomen/pelvis + bone scan	Randomized phase II	PFS	SOC systemic therapy + prostate ablative therapy (if untreated low-volume) ± SBRT to all sites
NCT02742675	De novo/synchronous	5	Bone scan, CT, and/or MRI	Randomized phase II	PFS	ADT (LHRH agonist and oral antiandrogen) ± definitive surgery or radiation to the prostate
NCT05223803 (TERPS)	De novo/synchronous	5	CT/MRI and bone scan or fluciclovine, choline, or PSMA PET-CT scan	Randomized phase II	2-yr PFS	Best systemic therapy and prostate RT ± SBRT
NCT04443062 (BULLSEYE)	Synchronous or metachronous hormone sensitive (not eligible for SBRT or surgery)	5	18F-PSMA-PET-CT	Randomized phase II	6-mo PFS	SOC vs 177Lu-PSMA-617
NCT04115007 (PRESTO, GETUG AFU)	Synchronous or metachronous hormone sensitive	5	Choline-PET/CT or PSMA PET/CT or whole-body MRI	Randomized phase III	CRPC-free survival	SOC ± SBRT
NCT03361735	Synchronous or metachronous hormone sensitive	4	Any imaging	Single-arm phase II	Time to treatment failure	SBRT + ADT + radium-223
NCT04619069	Synchronous or metachronous hormone sensitive	3	Positive on PSMA-PET with no mets on conventional imaging (CT/bone scan ± MRI) within 3 mo of ADT start	Randomized phase I	Proportion of patients willing to enter RCT	Intermittent ADT ± SBRT
NCT05146973 (PROST ACT TARGET)	Synchronous or metachronous hormone sensitive	5	PSMA-PET	Single-arm phase II	PSA PFS	EBRT + radiolabeled PSMA-targeting antibody, 177Lu-TLX591
NCT05209243 (START MET)	Synchronous or metachronous hormone sensitive	5	Conventional (CT/bone scan; 1–3) or enhanced (choline or PSMA-PET; 1–5) imaging	Randomized phase III	Radiologic PFS	SOC (ADT + RT to the primary tumor (previously not treated) + second-generation hormonal treatment) + SBRT
NCT04983095 (METRO)	Synchronous or metachronous hormone sensitive	5	PSMA-PET	Randomized phase III	FPS (time to CRPC)	SOC ± SBRT
NCT03940235 (RADIOSA)	Metachronous oligorecurrence	3	Choline-PET/CT or whole-body MRI	Randomized phase II	PFS	SBRT ± 6-mo ADT
NCT04011410	Metachronous oligorecurrence	3	Not specified	Single-arm phase II	Change in prostate apoptosis response 4 level	SBRT + hydroxychloroquine
NCT04599686	Metachronous oligorecurrence	5	Ga-PSMA-PET	Randomized phase II	1 yr ADT-free survival, RT-related toxicity, time to CRPC	ADT vs SBRT
NCT04037358 (RAVENS)	Metachronous oligorecurrence	3	Conventional or PSMA-PET (number of sites must match)	Randomized phase II	PFS	SBRT ± radium-223
NCT04748042 (FAALCON)	Metachronous oligorecurrence	5	Molecular imaging (eg, 68Ga-PSMA PET/CT or Axumin, excludes FDG-PET)	Single-arm phase II	Progression at 24 mo	Abiraterone, ADT, radiation to all metastases, and olaparib
NCT04031378	Castrate-sensitive or castrate-resistant oligometastatic	3	68Ga-PSMA or 18F-choline PET/CT	Randomized phase II	PSA relapse	Single-dose radiation therapy (24 Gy × 1) ± 6 mo of adjuvant systemic therapy
NCT05053152 (NRG Promethean)	Metachronous oligorecurrence	5	Fluciclovine or PSMA-PET	Randomized phase II	Radiologic PFS	SBRT ± relugolix
NCT04641078 (DART)	Metachronous oligorecurrence	5	PSMA-PET	Randomized phase II	2-yr MFS	SBRT ± darolutamid
NCT03795207 (POSTCARD)	Metachronous oligorecurrence	5	FCH-PET CT or Ga-PSMA PET CT, not seen on conventional imaging (bone scan or CT scan)	Randomized phase II	2-yr PFS	SBRT ± durvalumab
NCT05352178 (SPARKLE)	Metachronous oligorecurrence	5	PSMA-PET	Randomized phase III (3 arm)	Polymetastatic-free survival	MDT (SBRT or surgery) vs MDT + 1-mo ADT vs MDT + 6-mo ADT + enzalutamide
NCT03902951	Metachronous oligorecurrence	5	PSMA-PET	Single-arm phase II	PSA response	SBRT + lupron, abiraterone, apalutamide
NCT02274779 (OLIGOPELVIS/GETUG P07)	Metachronous oligorecurrent Nodes	5	18-F PET	Single-arm phase II	2-yr biochemical or clinical RFS	High-dose IMRT (50–66 Gy/30F) + 6-mo Eligard
NCT03630666 (OLIGOPELVIS2)	Metachronous oligorecurrent nodes	5	FCH-PET or PSMA-PET	Randomized phase III	PFS	Intermittent ADT ± salvage high-dose intensity modulation radiotherapy (IG-IMRT)
NCT03569241 (PEACE V-STORM)	Metachronous oligorecurrent nodes	3	FCH-PET or PSMA-PET	Randomized phase II	2-yr MFS	(MDT [salvage lymph dissection or SBRT] + 6-mo ADT) ± whole pelvis radiation
NCT04423211 (ECOG-ACRIN 8191 INDICATE)	Metachronous oligorecurrence	NA	FCH-PET with negative or equivocal extrapelvic mets on conventional imaging after prostatectomy	Randomized phase III	PFS, PFS prolongation in patients ± PET evidence of extrapelvic metastasis	Cohort 2: SOC salvage therapy and apalutamide ± MDT to PET-positive lesions



START-MET: SbrT Androgen Receptor Therapy METastatic HS prostate cancer.

mHSPC, non-blinded, randomized, phase III, multi center study.

ClinicalTrials.gov Identifier: NCT05209243

Meets following criteria

Inclusion criteria

- Castration sensitive → Local prior treatment allowed
- ECOG PS 0 or 1
- Distant metastatic disease by ≤ 3 lesions based on CT and Bone Scan and ≤ 5 lesions based on Coline or PSMA PET/TC

Stratification factors:

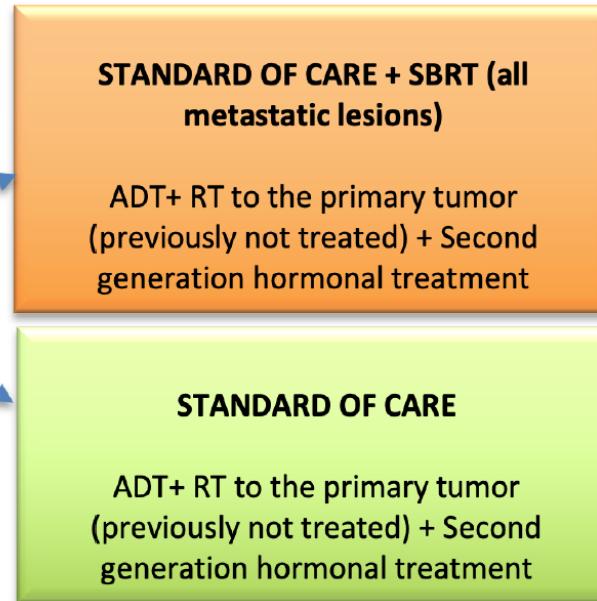
- Prior local treatment
- New Imaging technique (Coline vs PSMA PET/TC)

Exclusion criteria

- Metastases in previously irradiated areas
- Prior docetaxel or second generation hormonal treatments
- Tumor stage T4

N = 266

Randomization 1:1



(ADT+ Abi/Apa/Enza/Daro)

PIs: Conde-Moreno, López-Campos, Gómez-Iturriaga.

ENDPOINTS

Primary endpoint:

- rPFS

Key Secondary endpoints:

- Overall survival
- Time to cytotoxic chemotherapy
- Time to PSA progression
- Time to pain progression
- Time to castration resistance
- Time to skeletal-related event
- Quality of life and safety profile

Exploratory endpoints:

- Biomarkers assessment
- Local control
- Second progression free survival (PFS2)
- Time to symptomatic progression

Addition of Metastasis-Directed Therapy to Intermittent Hormone Therapy for Oligometastatic Prostate Cancer

The EXTEND Phase 2 Randomized Clinical Trial

Tang C et al. JAMA Oncol 2023



EXTEND intermittent prostate cancer

Major Inclusion Criteria

- Histologic diagnosis of prostate cancer
- ≤5 metastases
- ≥2 months of prior HT (either GNRH agonist/antagonist +/- 2nd generation HT)
- Untreated primaries allowed, but must be treated regardless of randomization

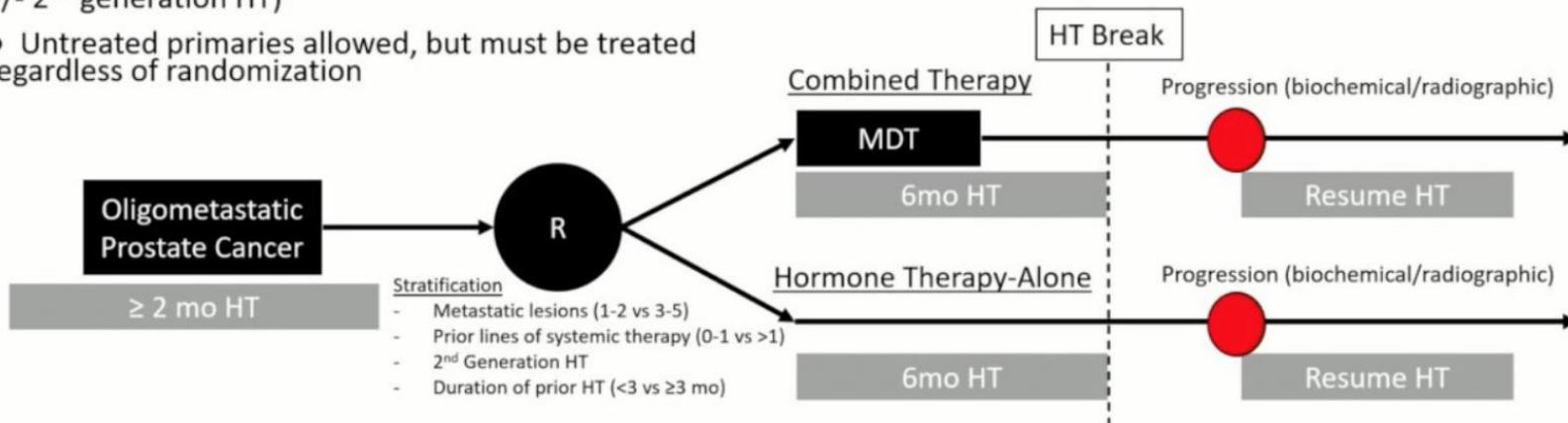


Table. Baseline Patient Characteristics (continued)

Characteristic	Participants, No. (%) ^a	
	Combined therapy (n = 43)	Hormone therapy only (n = 44)
Second-generation androgen receptor agent use		
None	24 (56)	27 (61)
Abiraterone	15 (35)	13 (30)
Apalutamide	3 (7)	3 (7)
Enzalutamide	1 (2)	1 (2)

Metastatic lesions, No.

1	12 (28)	21 (48)
2	18 (42)	13 (30)
3	8 (19)	4 (9)
4-5	5 (12)	6 (14)
Baseline imaging modality		
CT CAP and bone scan	33 (77)	33 (75)
Fluciclovine F 18 PET/CT	10 (23)	11 (25)

Addition of Metastasis-Directed Therapy to Intermittent Hormone Therapy for Oligometastatic Prostate Cancer

The EXTEND Phase 2 Randomized Clinical Trial

E₁ X₈ T₁ E₁ N₁ D₂

Tang C et al. JAMA Oncol 2023



Figure 2. Primary and Key Secondary End Points

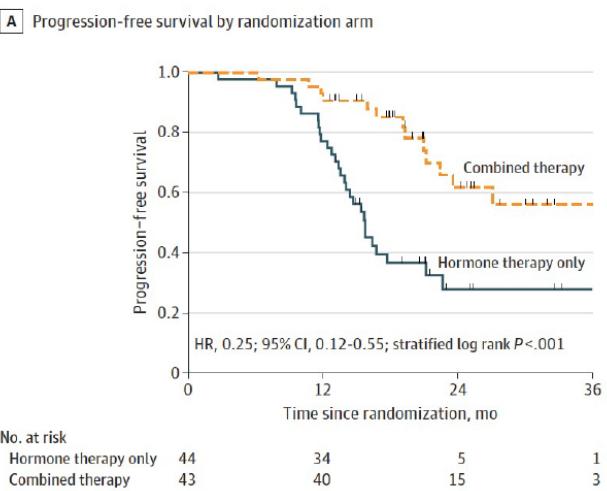
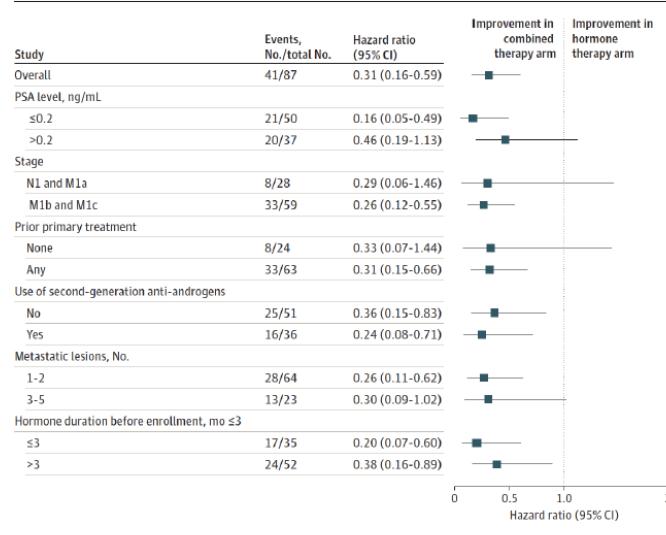
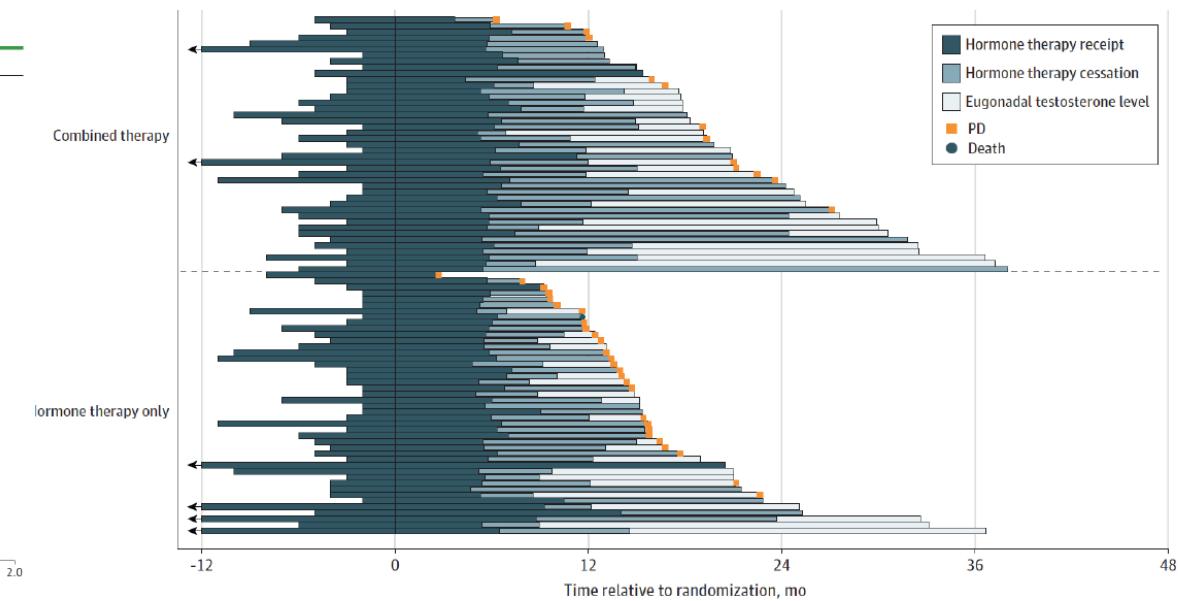


Figure 3. Analysis of Progression-Free Survival According to Key Patient Subgroups

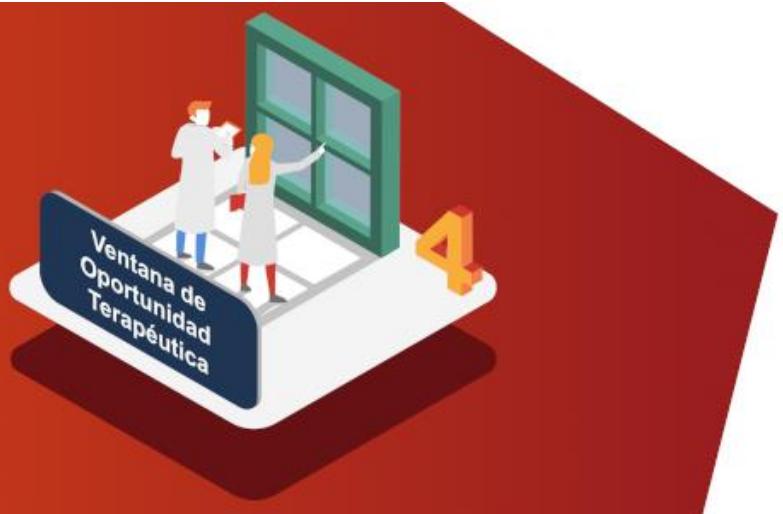


C Duration of testosterone states by randomization arm



A photograph of a laboratory setting featuring a rack of test tubes. Most of the tubes are filled with a clear, colorless liquid, while one tube on the right is filled with a vibrant red liquid. The tubes are arranged in a perspective that recedes towards the background, creating a sense of depth.

Recidiva Bioquímica.



Ventana de oportunidad terapéutica

2625 pacientes

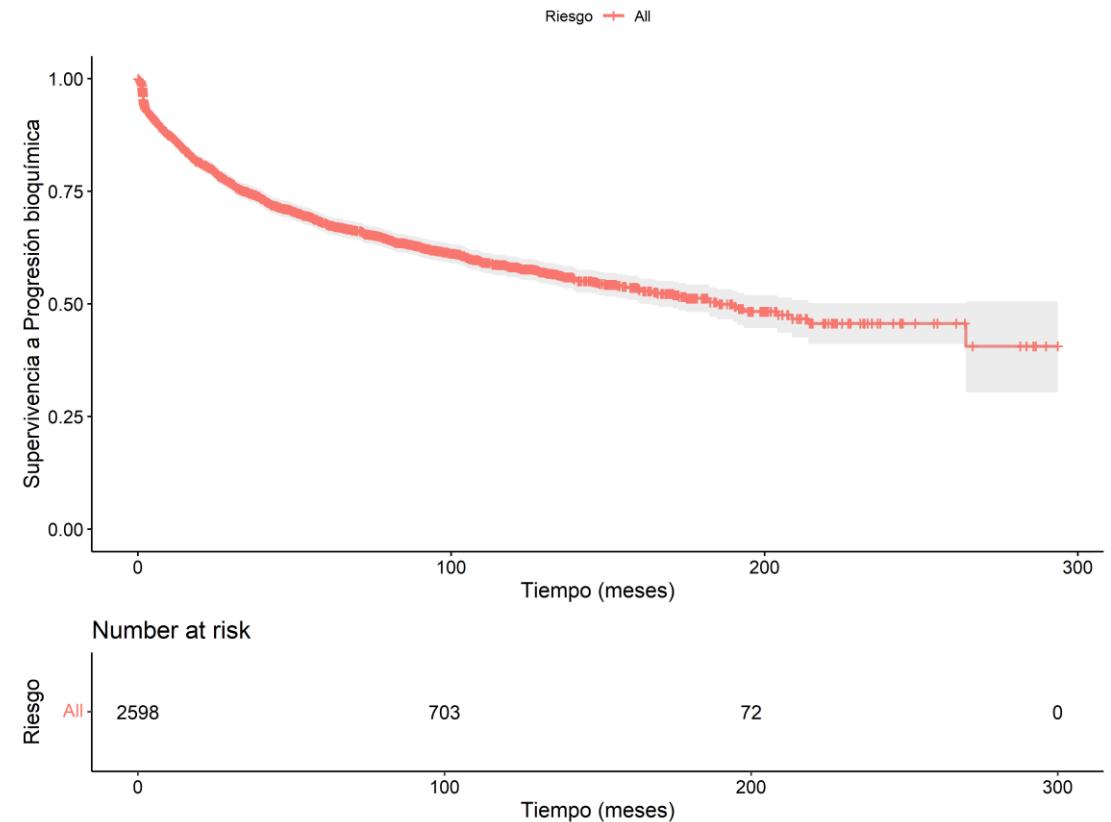
Edad mediana 63,97 (40-80)

Seguimiento mediano : 99 meses

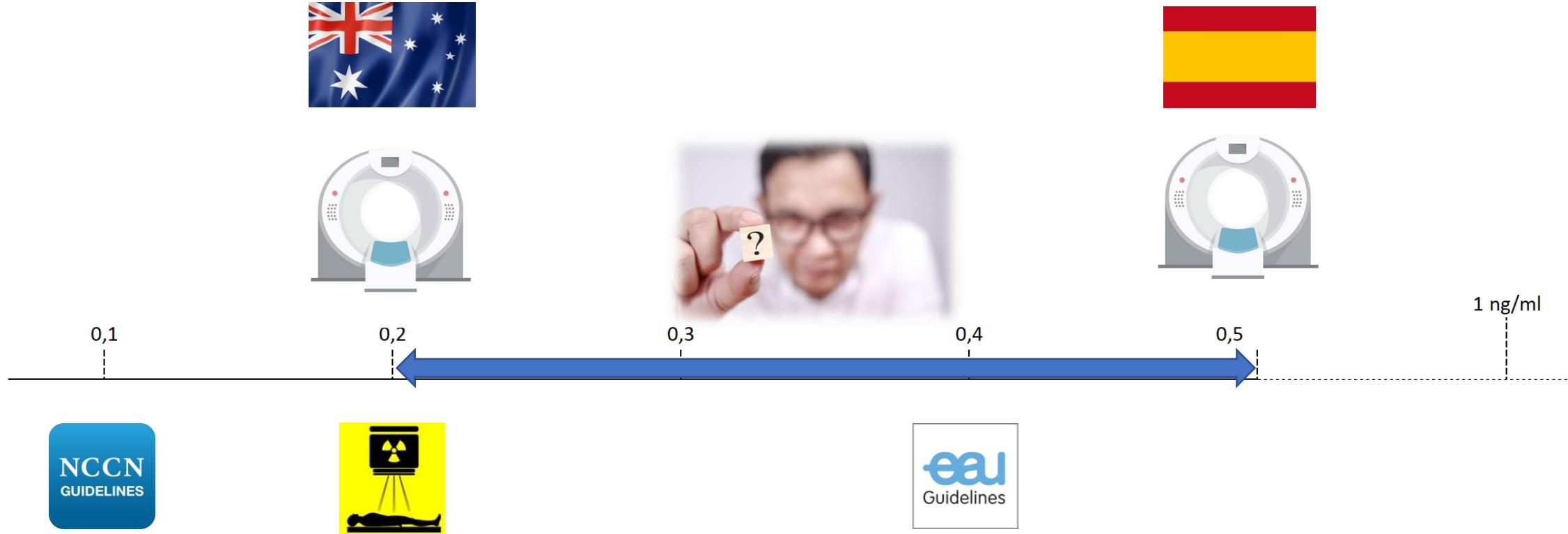
Eventos RB. 920 (35,41%)

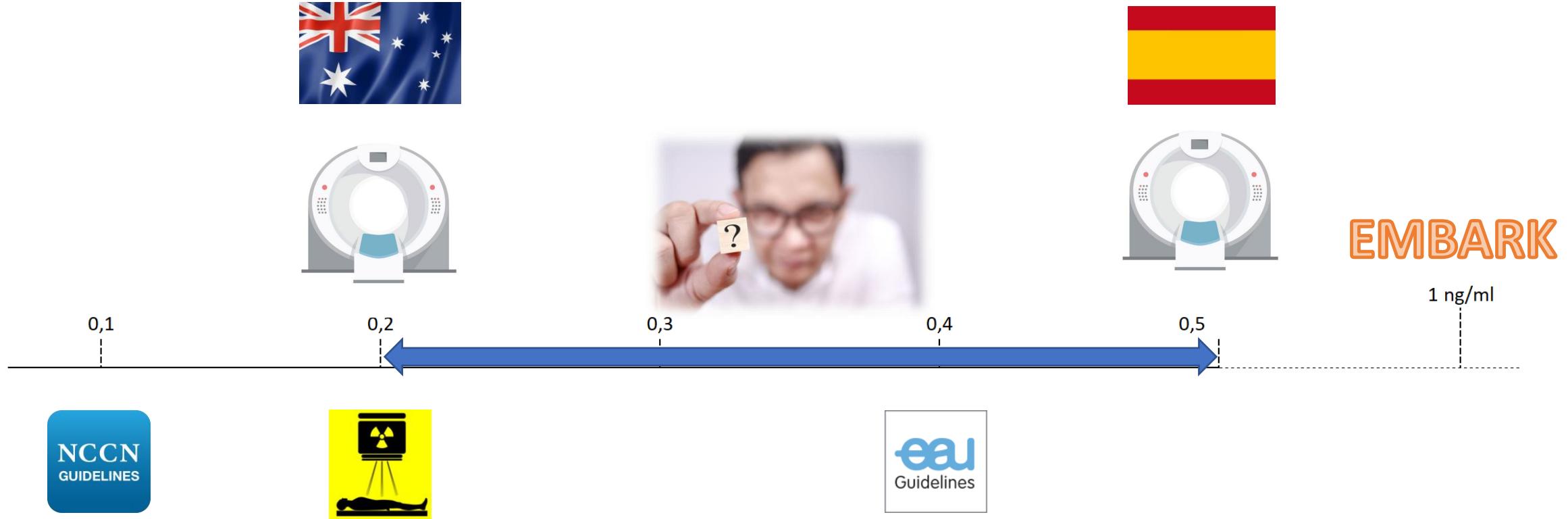


Curva de Supervivencia



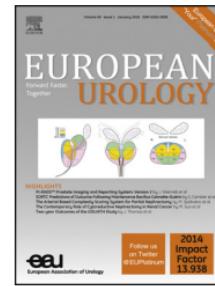
Datos no publicados





Recurrencia

available at www.sciencedirect.com
journal homepage: www.europeanurology.com



Review – Prostate Cancer

Prognostic Value of Biochemical Recurrence Following Treatment with Curative Intent for Prostate Cancer: A Systematic Review

Thomas Van den Broeck ^{a,b,1,*}, Roderick C.N. van den Bergh ^{c,1}, Nicolas Arfi ^{d,1}, Tobias Gross ^e, Lisa Moris ^{a,b}, Erik Briers ^f, Marcus Cumberbatch ^g, Maria De Santis ^{h,i}, Derya Tilki ^{j,k}, Stefano Fanti ^l, Nicola Fossati ^{m,n}, Silke Gillessen ^{o,p,q}, Jeremy P. Grummet ^r, Ann M. Henry ^s, Michael Lardas ^t, Matthew Liew ^u, Olivier Rouvière ^v, Jakub Pecanka ^{w,x}, Malcolm D. Mason ^y, Ivo G. Schoots ^z, Theo H. van Der Kwast ^{aa}, Henk G. van Der Poel ^c, Thomas Wiegel ^{bb}, Peter-Paul M. Willemse ^{cc}, Yuhong Yuan ^{dd}, Thomas B. Lam ^{ee,ff}, Philip Cornford ^{gg}, Nicolas Mottet ^{hh}

Pacientes en Recurrencia: Grupos de Riesgo

Low-Risk BCR

- PSA-DT > 1 year
AND
• Pathological ISUP grade < 4

High risk BCP

- PSA-DT < 1 year
OR
• Pathological ISUP grade 4–5



European
Association
of Urology

Pacientes en Recurrencia: Grupos de Riesgo

Low-Risk BCR

- PSA-DT > 1 year
AND
• Pathological ISUP grade < 4

High risk BCP

- PSA-DT < 1 year
OR
• Pathological ISUP grade 4–5

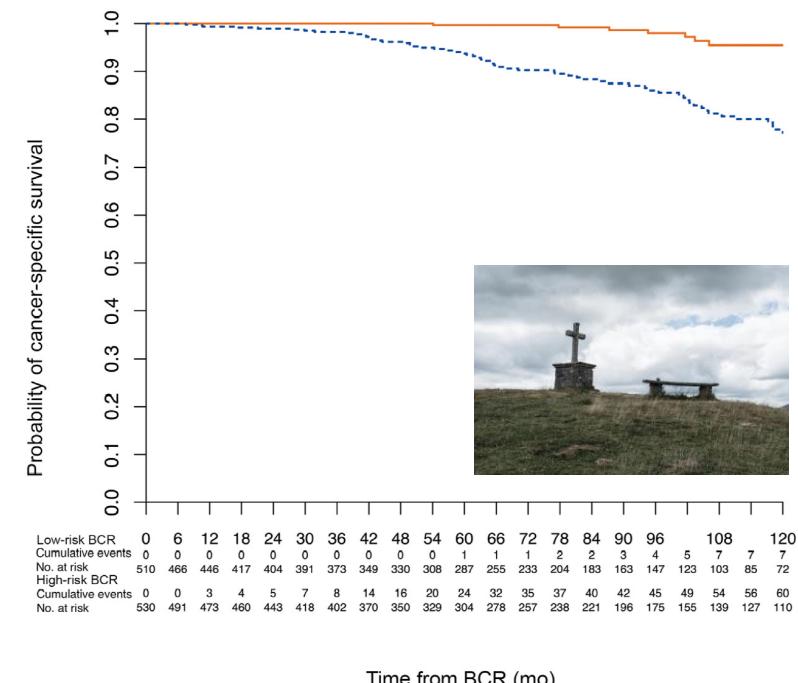
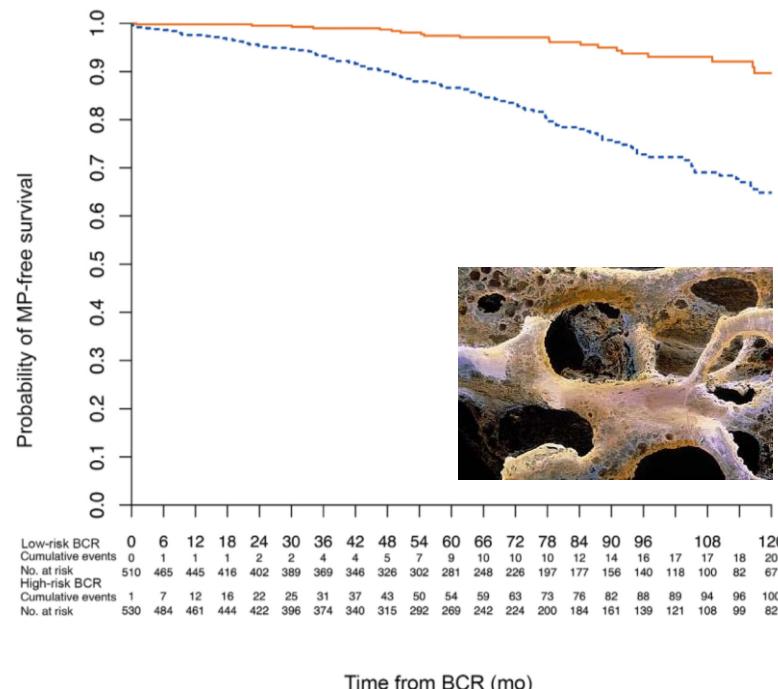


Brief Correspondence

External Validation of the European Association of Urology Biochemical Recurrence Risk Groups to Predict Metastasis and Mortality After Radical Prostatectomy in a European Cohort

Derya Tilki ^{a,b,*}, Felix Preisser ^a, Markus Graefen ^a, Hartwig Huland ^a, Raisa S. Pompe ^{a,b}

^a Martini-Klinik Prostate Cancer Center, University Hospital Hamburg-Eppendorf, Hamburg, Germany; ^b Department of Urology, University Hospital Hamburg-Eppendorf, Hamburg, Germany



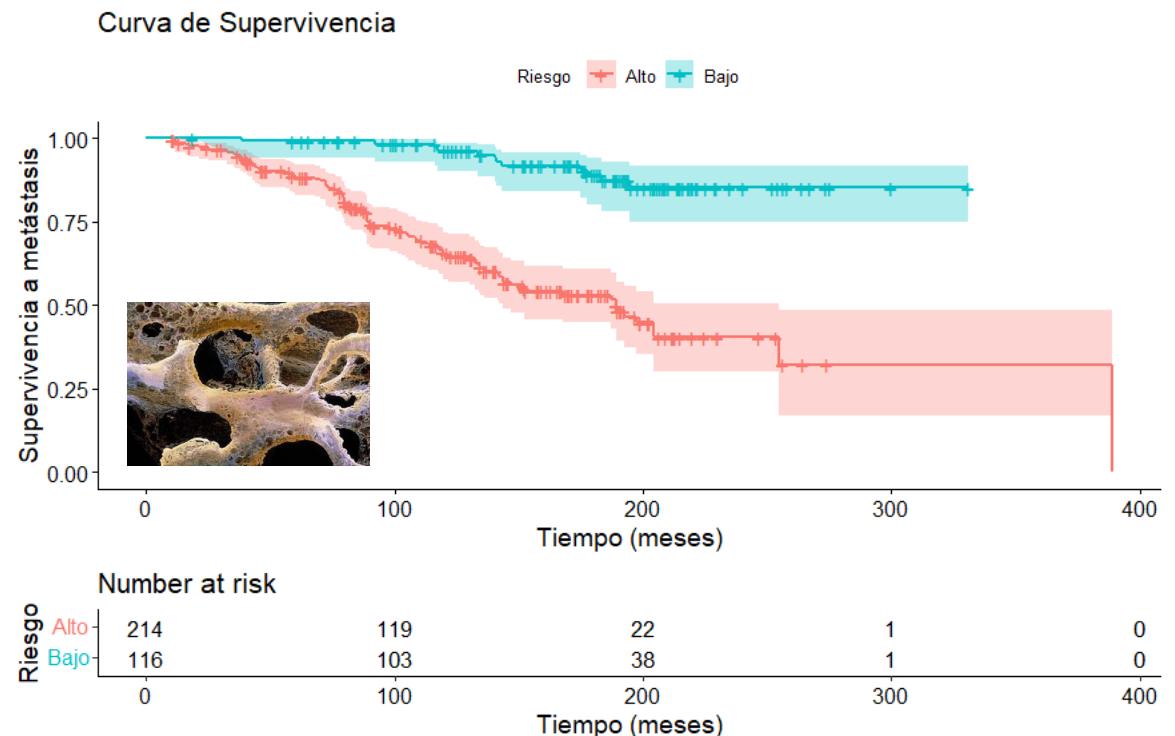
Validación



ALTO RIESGO: 214 Pacientes (64.85%)

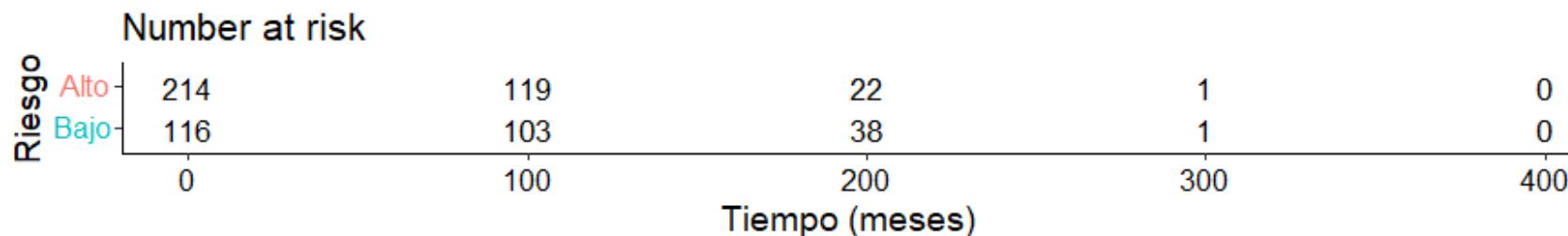
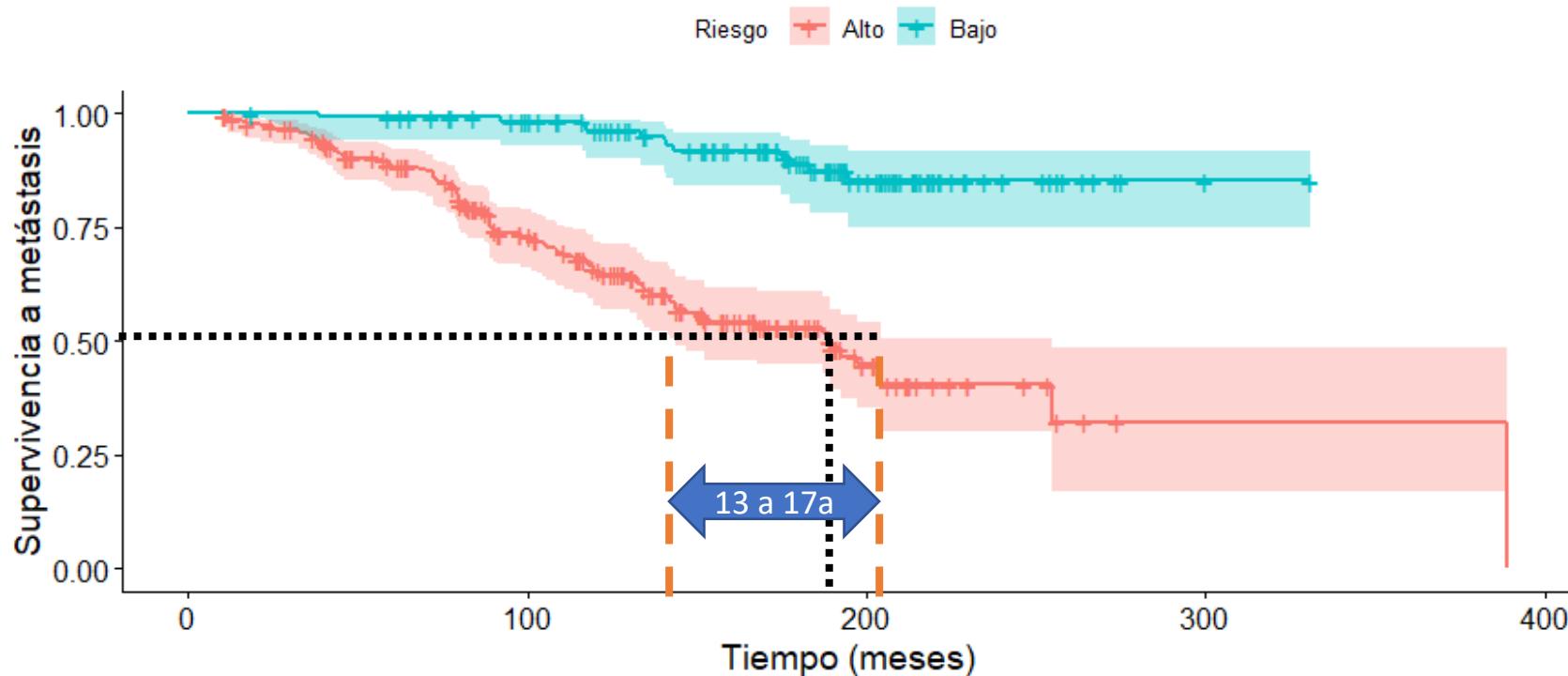
BAJO RIESGO: 116 Pacientes (35.15%)

TOTAL: 330 Pacientes



Datos no publicados

Curva de Supervivencia





EMBARK

AUA 2023 CHICAGO ★ APR 28-MAY 1

EMBARK: A Phase 3 Randomized Study of Enzalutamide or Placebo Plus Leuprorelin Acetate and Enzalutamide Monotherapy in High-Risk Biochemically Recurrent Prostate Cancer

Neal D. Shore,¹ Murilo de Almeida Luz,² Ugo De Giorgi,³ Martin Gleave,⁴ Geoffrey T. Gotto,⁵ Gabriel P. Haas,⁶ Miguel Ramirez-Backhaus,⁷ Antti Rannikko,⁸ Jamal Tarazi,⁹ Swetha Sridharan,¹⁰ Jennifer Sugg,⁶ Yiyun Tang,¹¹ Ronald F. Tutrone, Jr.,¹² Balaji Venugopal,¹³ Arnauld Villers,¹⁴ Henry H. Woo,¹⁵ Fabian Zohren,¹⁶ Stephen J. Freedland¹⁷

¹Carolina Urologic Research Center/GenesisCare US, Myrtle Beach, SC, USA; ²Eraso Geertner Hospital, Curitiba, Brazil; ³IRCCS Istituto Romagnolo per lo Studio dei Tumori (IRST) Dino Amadori, Meldola, Italy; ⁴University of British Columbia, Vancouver, BC, Canada; ⁵University of Calgary, Calgary, AB, Canada; ⁶Astellas Pharma Inc., Northbrook, IL, USA; ⁷Servicio de Urología, Fundación Instituto Valenciano de Oncología, Valencia, Spain; ⁸University of Helsinki and Helsinki University Hospital, Helsinki, Finland; ⁹Pfizer Inc., Collegeville, PA, USA; ¹⁰Calvary Mater Hospital, NSW, Australia; ¹¹Pfizer Inc., San Francisco, CA, USA; ¹²Chesapeake Urology Research Associates, Towson, MD, USA; ¹³Beatson West of Scotland Cancer Centre, University of Glasgow, Glasgow, UK; ¹⁴University of Lille, Department of Urology, Claude Huriez Hospital, CHU LILLE, Lille, France; ¹⁵Sydney Adventist Hospital, Sydney, NSW, Australia; ¹⁶Pfizer Inc., Cambridge, MA, USA; ¹⁷Samuel Oschin Comprehensive Cancer Institute, Cedars-Sinai Medical Center, Los Angeles, CA, USA



Enero 2015- Agosto 2019.
Análisis Enero 2023



Patient population:

- Screening PSA \geq 1 ng/mL after RP and at least 2 ng/mL above the nadir for primary EBRT
- PSADT \leq 9 mo
- No metastases on bone scan or CT/MRI per central read
- Testosterone \geq 150 ng/dL
- Prior hormonal therapy \geq 9 mo prior to R (neoadjuvant/adjuvant for \leq 36 mo OR \leq 6 mo for rising PSA)

Stratification factors:

- Screening PSA (\leq 10 ng/mL vs. $>$ 10 ng/mL)
- PSADT (\leq 3 mo vs. $>$ 3 to \leq 9 mo)
- Prior hormonal therapy (yes vs. no)

*Study treatment was suspended once at week 37 if PSA was < combination and enzalutamide monotherapy are alpha-protected population. BICR, blinded independent central review; CT, comp prostate-specific antigen; PSADT, PSA doubling time; q, every; I

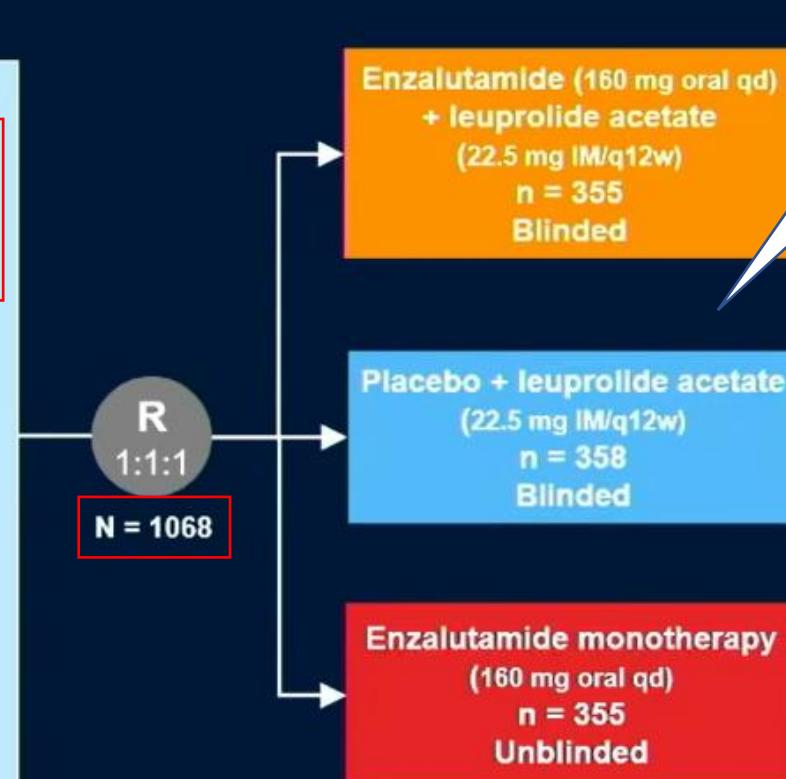
Los grupos son Ciegos

Patient population:

- Screening PSA ≥ 1 ng/mL after RP and at least 2 ng/mL above the nadir for primary EBRT
- PSADT ≤ 9 mo
- No metastases on bone scan or CT/MRI per central read
- Testosterone ≥ 150 ng/dL
- Prior hormonal therapy ≥ 9 mo prior to R (neoadjuvant/adjuvant for ≤ 36 mo OR ≤ 6 mo for rising PSA)

Stratification factors:

- Screening PSA (≤ 10 ng/mL vs. > 10 ng/mL)
- PSADT (≤ 3 mo vs. > 3 to ≤ 9 mo)
- Prior hormonal therapy (yes vs. no)



EL GRUPO NO ES Ciego

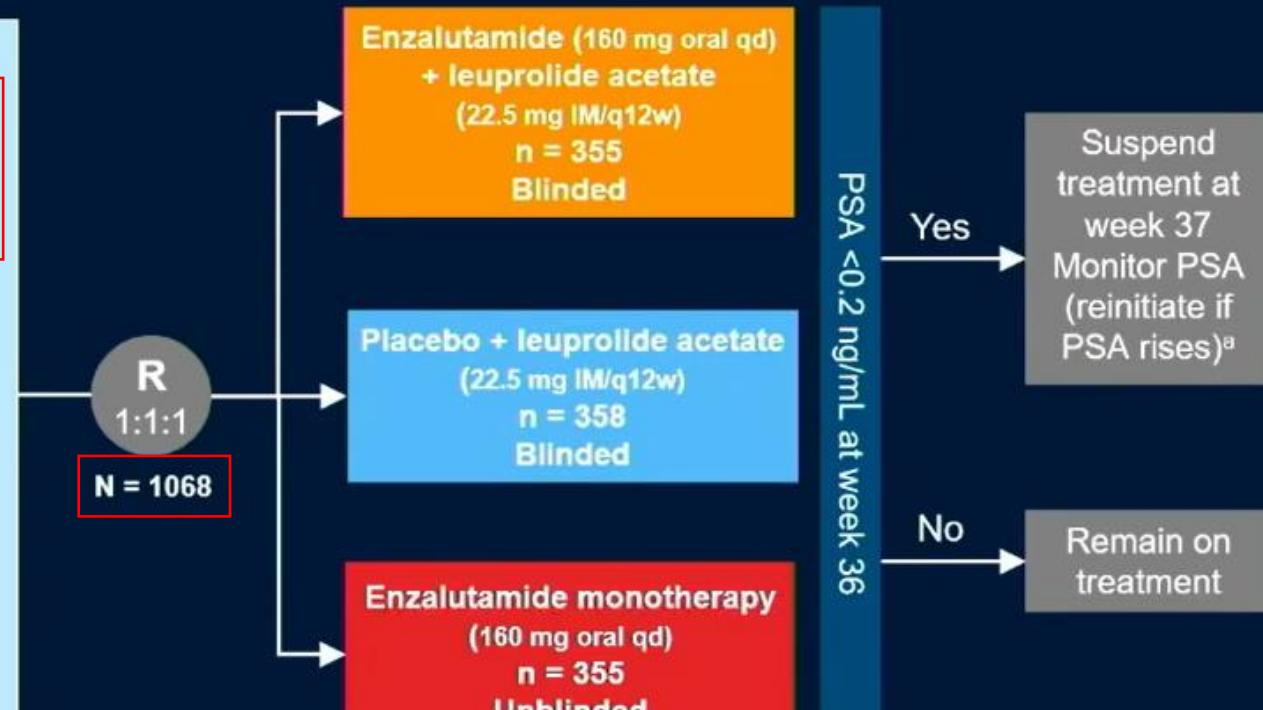
*Study treatment was suspended once at week 37 if PSA was < 0.2 ng/mL and restarted when PSA was ≥ 5.0 ng/mL (without prior RP) and ≥ 2 ng/mL combination and enzalutamide monotherapy are alpha-protected. P value to determine significance for OS of combination and monotherapy treatment population. BICR, blinded independent central review; CT, computed tomography; d, day; EBRT, external beam radiotherapy; IM, intramuscular; MFS, prostate-specific antigen; PSADT, PSA doubling time; q, every; R, randomization; RP, radical prostatectomy; w, weeks.

Patient population:

- Screening PSA \geq 1 ng/mL after RP and at least 2 ng/mL above the nadir for primary EBRT
- PSADT \leq 9 mo
 - No metastases on bone scan or CT/MRI per central read
 - Testosterone \geq 150 ng/dL
 - Prior hormonal therapy \geq 9 mo prior to R (neoadjuvant/adjuvant for \leq 36 mo OR \leq 6 mo for rising PSA)

Stratification factors:

- Screening PSA (\leq 10 ng/mL vs. $>$ 10 ng/mL)
- PSADT (\leq 3 mo vs. $>$ 3 to \leq 9 mo)
- Prior hormonal therapy (yes vs. no)



9 MESES “ON”

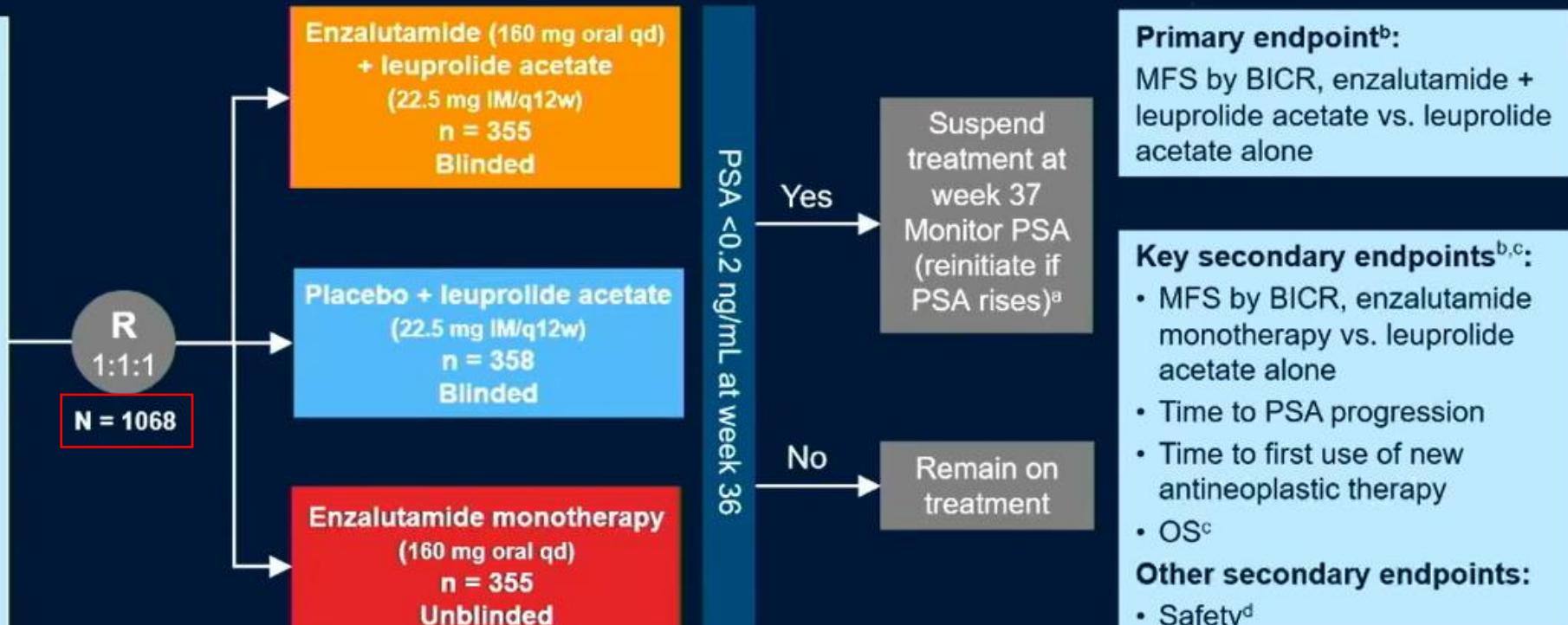
^aStudy treatment was suspended once at week 37 if PSA was <0.2 ng/mL and restarted when PSA was ≥5.0 ng/mL (without prior RP) and ≥2 ng/mL (prior RP). ^bIntent-to-treat population. ^cPrimary endp combination and enzalutamide monotherapy are alpha-protected. *P*-value to determine significance for OS of combination and monotherapy treatment comparisons was dependent on outcomes of prim population. BICR, blinded independent central review; CT, computed tomography; d, day; EBRT, external beam radiotherapy; IM, intramuscular; MFS, metastasis-free survival; mo, month; MRI, magnet prostate-specific antigen; PSADT, PSA doubling time; q, every; R, randomization; RP, radical prostatectomy; w, weeks.

Patient population:

- Screening PSA \geq 1 ng/mL after RP and at least 2 ng/mL above the nadir for primary EBRT
- PSADT \leq 9 mo
- No metastases on bone scan or CT/MRI per central read
- Testosterone \geq 150 ng/dL
- Prior hormonal therapy \geq 9 mo prior to R (neoadjuvant/adjuvant for \leq 36 mo OR \leq 6 mo for rising PSA)

Stratification factors:

- Screening PSA (\leq 10 ng/mL vs. $>$ 10 ng/mL)
- PSADT (\leq 3 mo vs. $>$ 3 to \leq 9 mo)
- Prior hormonal therapy (yes vs. no)



9 MESES “ON”

^aStudy treatment was suspended once at week 37 if PSA was <0.2 ng/mL and restarted when PSA was ≥5.0 ng/mL (without prior RP) and ≥2 ng/mL (prior RP). ^bIntent-to-treat population. ^cPrimary endpoint and key secondary endpoints for enzalutamide combination and enzalutamide monotherapy are alpha-protected. ^dP-value to determine significance for OS of combination and monotherapy treatment comparisons was dependent on outcomes of primary endpoint and key secondary endpoints. ^dSafety population. BICR, blinded independent central review; CT, computed tomography; d, day; EBRT, external beam radiotherapy; IM, intramuscular; MFS, metastasis-free survival; mo, month; MRI, magnetic resonance imaging; OS, overall survival; PSA, prostate-specific antigen; PSADT, PSA doubling time; q, every; R, randomization; RP, radical prostatectomy; w, weeks.

Characteristic	Enzalutamide combination (n = 355)	Leuprolide acetate (n = 358)	Enzalutamide monotherapy (n = 355)
Age, median (range), yr	69 (51–87)	70 (50–92)	69 (49–93)
Race, n (%) ^a			
White	293 (82.5)	301 (84.1)	295 (83.1)
Asian	26 (7.3)	26 (7.3)	26 (7.3)
Black	16 (4.5)	16 (4.5)	15 (4.2)
Other ^b	10 (2.8)	10 (2.8)	5 (1.4)
PSADT, n (%) ^c			
≤3 mo	69 (19.4)	80 (22.3)	76 (21.4)
>3 to ≤9 mo	285 (80.3)	277 (77.4)	278 (78.3)
PSADT, median, mo	4.6	5.0	5.0
Serum PSA, median, n (%), ng/mL ^d	5.0	5.5	5.3
≤10	278 (78.3)	273 (76.3)	272 (76.6)
>10	77 (21.7)	83 (23.2)	82 (23.1)
Prior hormonal therapy, n (%)	107 (30.1)	113 (31.6)	112 (31.5)
RP alone, n (%)	90 (25.4)	75 (20.9)	99 (27.9)
RT alone, n (%)	86 (24.2)	104 (29.1)	90 (25.4)
RP and RT, n (%)	179 (50.4)	179 (50.0)	166 (46.8)

^aNot reported included: enzalutamide combination, n = 10 (2.8%); leuprolide acetate, n = 5 (1.4%); enzalutamide monotherapy, n = 14 (3.9%). ^bIncludes patients who identified as multiple races (enzalutamide combination, n = 5; leuprolide acetate, n = 9; enzalutamide monotherapy, n = 5); American Indian or Alaskan Native (enzalutamide combination, n = 4; leuprolide acetate, n = 1; enzalutamide monotherapy, n = 0); Native Hawaiian or other Pacific Islander (enzalutamide combination, n = 1; leuprolide acetate and enzalutamide monotherapy, n = 0). ^cMissing included n = 1 (0.3%) for each treatment group. ^dMissing included: leuprolide acetate, n = 2; enzalutamide monotherapy, n = 1. RT, radiation therapy; yr, year.

Characteristic	Enzalutamide combination (n = 355)	Leuprolide acetate (n = 358)	Enzalutamide monotherapy (n = 355)
Age, median (range), yr	69 (51–87)	70 (50–92)	69 (49–93)
Race, n (%) ^a			
White	293 (82.5)	301 (84.1)	295 (83.1)
Asian	26 (7.3)	26 (7.3)	26 (7.3)
Black	16 (4.5)	16 (4.5)	15 (4.2)
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Characteristic	Enzalutamide combination (n = 355)	Leuprolide acetate (n = 358)	Enzalutamide monotherapy (n = 355)
Age, median (range), yr	69 (51–87)	70 (50–92)	69 (49–93)
Race, n (%) ^a			
White			
Asian			
Black			
Other ^b			
PSADT, n (%) ^c			
≤3 mo			
>3 to ≤9 mo			
PSADT, median, mo			
Serum PSA, median, ng/mL			
≤10	77 (21.7)	83 (23.2)	82 (23.1)
>10	107 (30.1)	113 (31.6)	112 (31.5)
Prior hormonal therapy, n (%)			
RP alone, n (%)	90 (25.4)	75 (20.9)	99 (27.9)
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RP and RT, n (%)	179 (50.4)	179 (50.0)	166 (46.8)

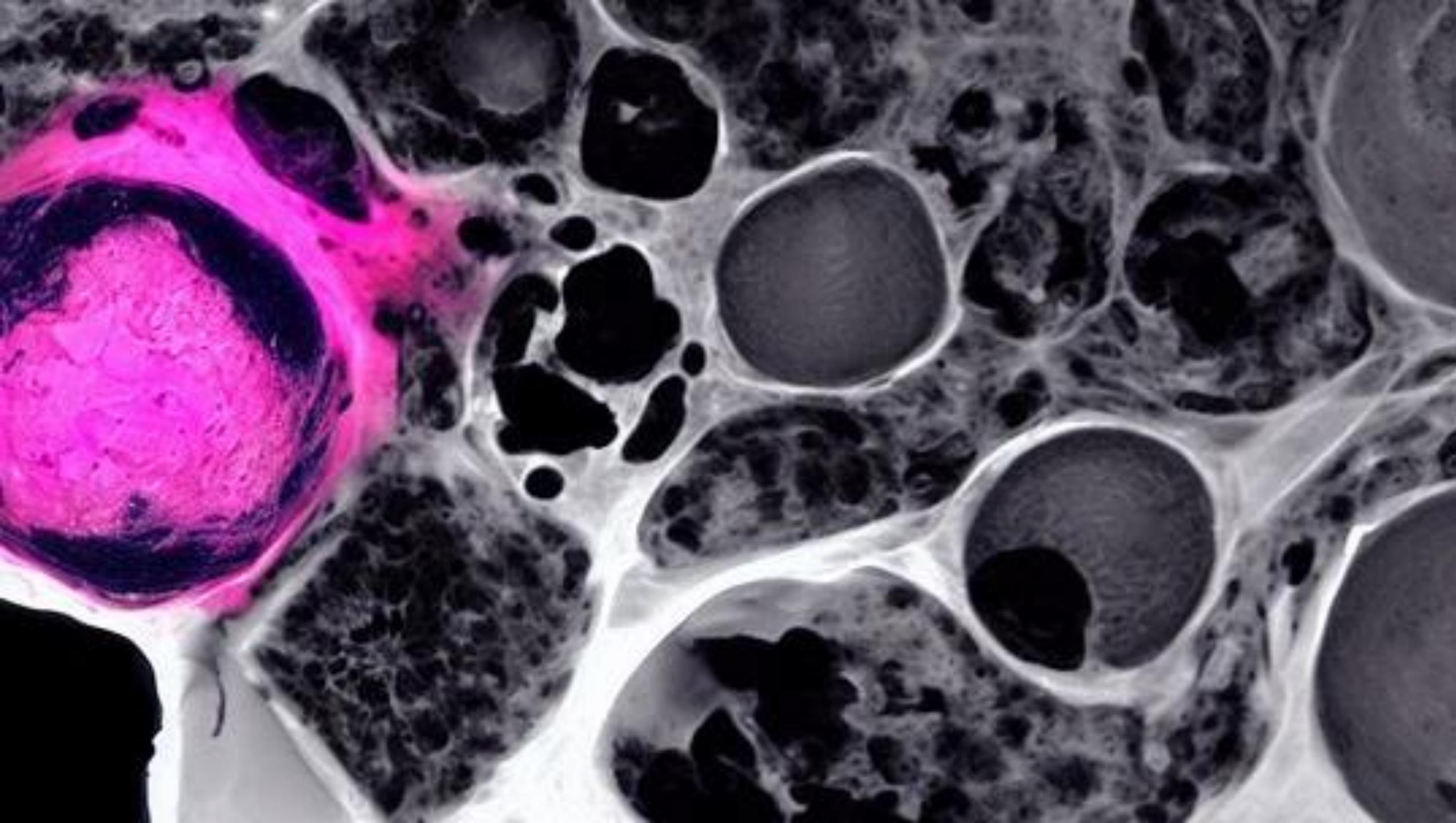


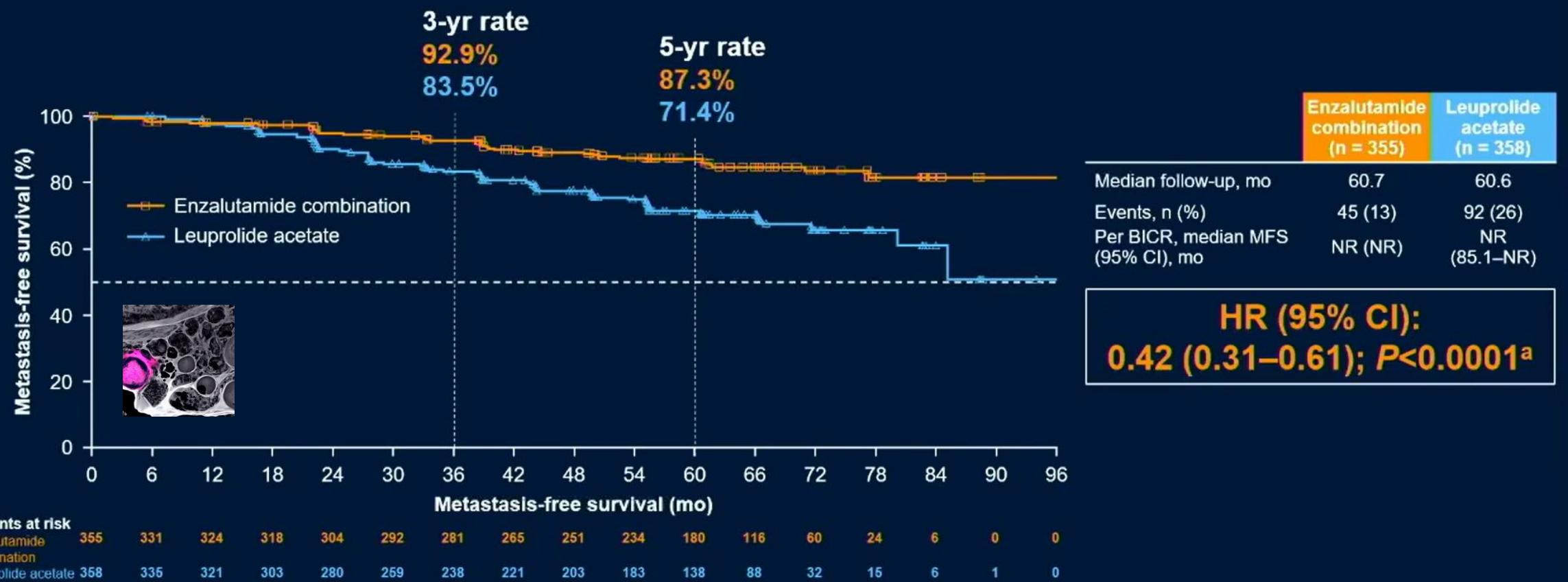
Department of UROLOGY

^aNot reported included: enzalutamide combination, n = 10 (2.8%); leuprolide acetate, n = 5 (1.4%); enzalutamide monotherapy, n = 14 (3.9%). ^bIncludes patients who identified as multiple races (enzalutamide combination, n = 5; leuprolide acetate, n = 9; enzalutamide monotherapy, n = 5); American Indian or Alaskan Native (enzalutamide combination, n = 4; leuprolide acetate, n = 1; enzalutamide monotherapy, n = 0), Native Hawaiian or other Pacific Islander (enzalutamide combination, n = 1; leuprolide acetate and enzalutamide monotherapy, n = 0). ^cMissing included n = 1 (0.3%) for each treatment group. ^dMissing included: leuprolide acetate, n = 2; enzalutamide monotherapy, n = 1. RT, radiation therapy; yr, year.

Characteristic	Enzalutamide combination (n = 355)	Leuprolide acetate (n = 358)	Enzalutamide monotherapy (n = 355)
Age, median (range), yr			69 (49–93)
Race, n (%) ^a			
White			295 (83.1)
Asian			26 (7.3)
Black			15 (4.2)
Other ^b			5 (1.4)
PSADT, n (%) ^c			
≤3 mo			76 (21.4)
>3 to ≤9 mo			278 (78.3)
PSADT, median, mo			5.0
Serum PSA, median, n (%), ng/mL ^d			5.3
≤10			272 (76.6)
>10			82 (23.1)
Prior hormonal therapy, n (%)	107 (30.1)	113 (31.6)	112 (31.5)
RP alone, n (%)	90 (25.4)	75 (20.9)	99 (27.9)
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^aNot reported included: enzalutamide combination, n = 10 (2.8%); leuprolide acetate, n = 5 (1.4%); enzalutamide monotherapy, n = 14 (3.9%). ^bIncludes patients who identified as multiple races (enzalutamide combination, n = 5; leuprolide acetate, n = 9; enzalutamide monotherapy, n = 5). American Indian or Alaskan Native (enzalutamide combination, n = 4; leuprolide acetate, n = 1; enzalutamide monotherapy, n = 0), Native Hawaiian or other Pacific Islander (enzalutamide combination, n = 1; leuprolide acetate and enzalutamide monotherapy, n = 0). ^cMissing included n = 1 (0.3%) for each treatment group. ^dMissing included: leuprolide acetate, n = 2; enzalutamide monotherapy, n = 1. RT, radiation therapy; yr, year.





A consistent treatment effect was seen for investigator-assessed MFS: HR (95% CI): 0.47 (0.37–0.67); P<0.0001

Data cutoff: January 31, 2023. Symbols indicate censored data. ^aHR was based on a Cox regression model with treatment as the only covariate stratified by screening PSA, PSADT, and prior hormonal therapy as reported in the IWRs; relative to leuprolide acetate <1 favoring enzalutamide combination; the two-sided P-value was based on a stratified log-rank. CI, confidence interval; HR, hazard ratio; IWRs, interactive web response system; NR, not reached.



Data cutoff: January 31, 2023. For all patients, HR and 95% CI are based on stratified Cox regression model stratified by randomization stratification factors; for subgroups, HR and 95% CI are based on unstratified Cox regression model.



¿El Gleason?

Data cutoff: January 31, 2023. For all patients, HR and 95% CI are based on stratified Cox regression model stratified by randomization stratification factors; for subgroups, HR and 95% CI are based on unstratified Cox regression model.



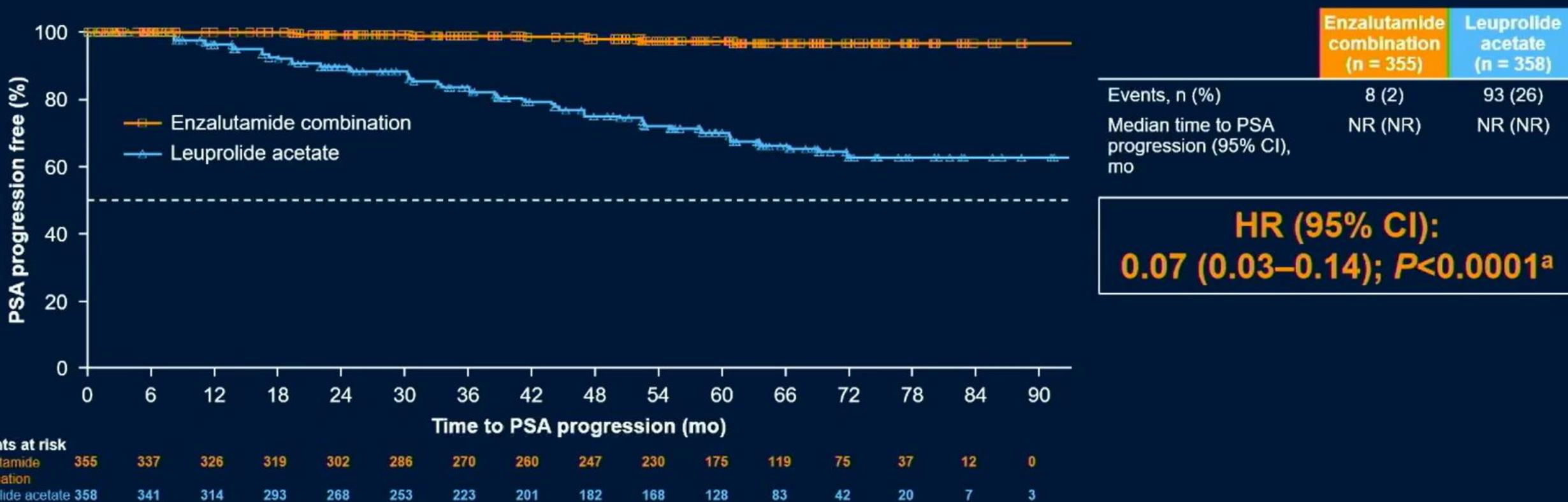
	Enzalutamide combination (n = 355)	Leuprolide acetate (n = 358)
Events, n (%)	33 (9)	55 (15)
Median time to death (95% CI), mo	NR (NR)	NR (NR)

HR (95% CI):
0.59 (0.38–0.90) P=0.0142^a
(Pre-specified efficacy boundary, P<0.0001)

Final analysis at 271 deaths across all treatment groups.

Data cutoff: January 31, 2023. Symbols indicate censored data. ^aThe HR was based on a Cox regression model with treatment as the only covariate stratified by screening PSA, PSADT, and prior hormonal therapy as reported in the IWRS; relative to leuprolide acetate <1 favoring enzalutamide combination; the two-sided P-value is based on a stratified log-rank test.

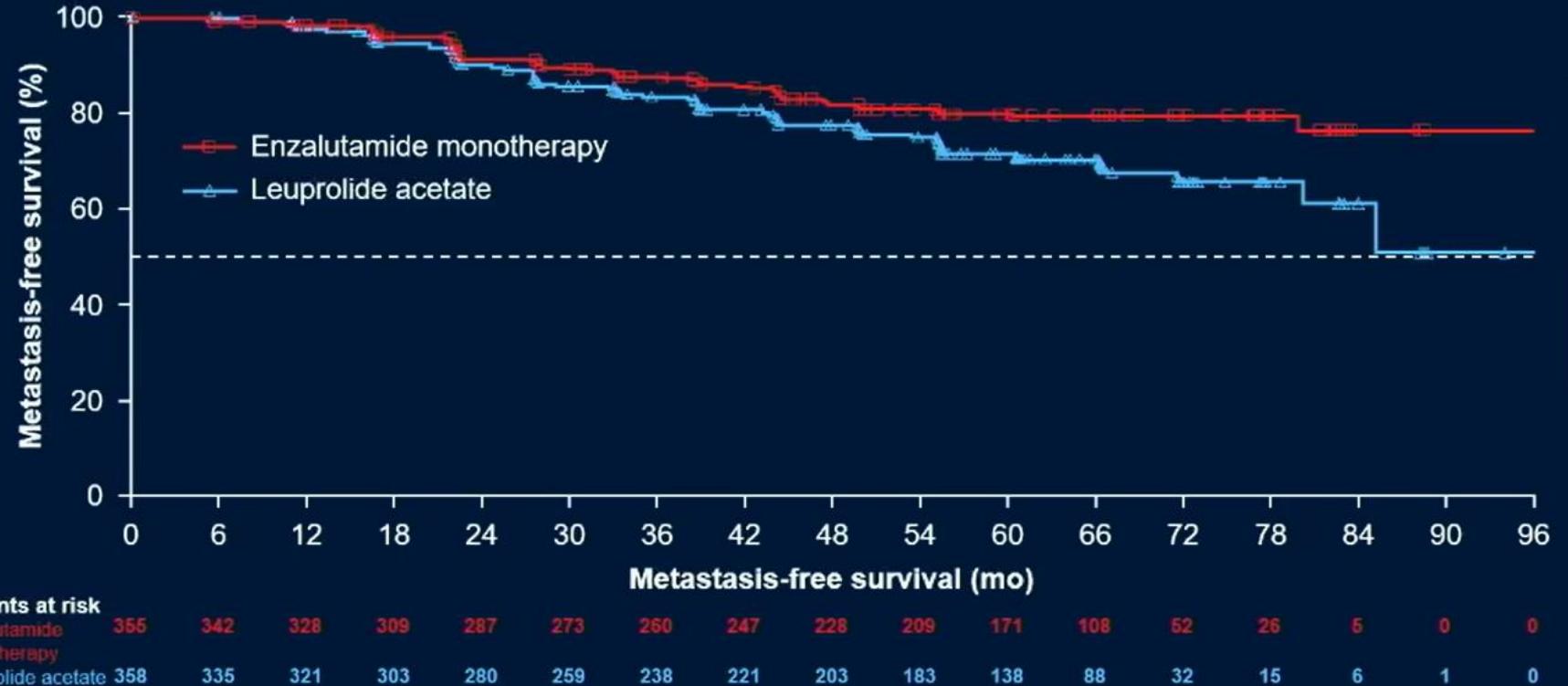
		Previous result	May 11 update
OS: Combo Comparison	HR, 95% CI	0.59 (0.38 ,0.90)	0.59 (0.38, 0.91)
	p-value	0.0142	0.0153



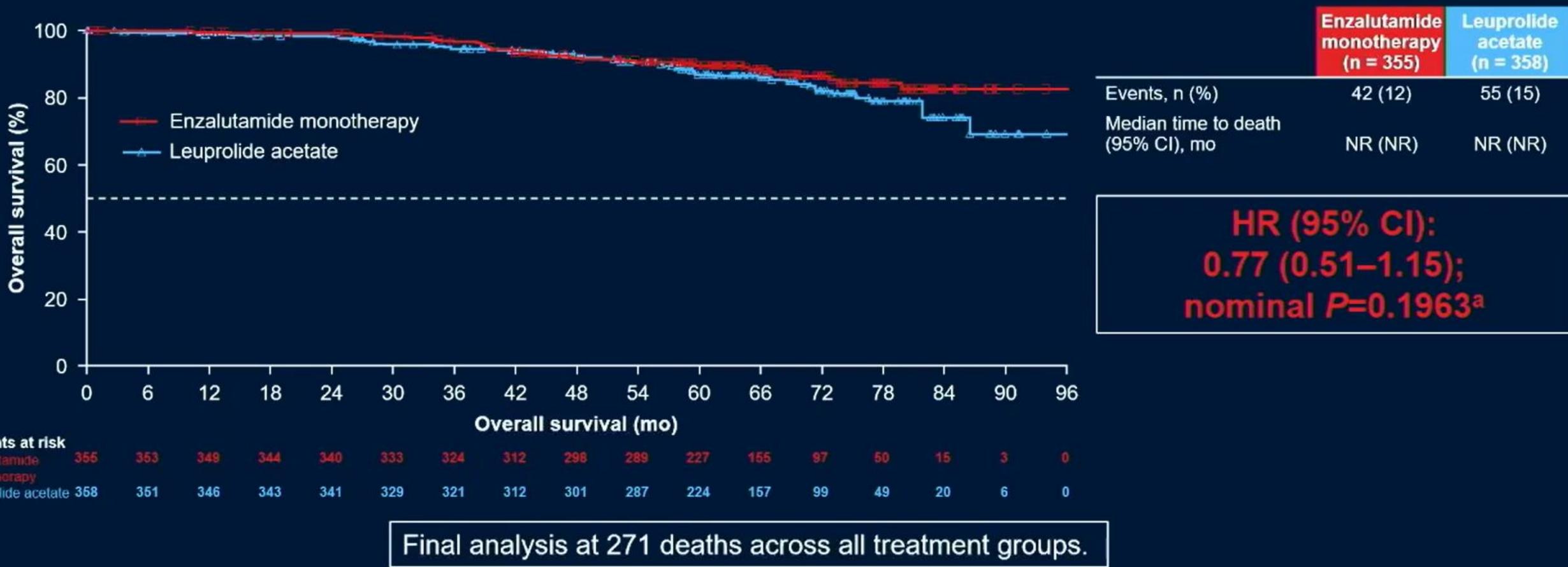
Data cutoff: January 31, 2023. Symbols indicate censored data. ^aThe HR was based on a Cox regression model with treatment as the only covariate stratified by screening PSA, PSADT, and prior hormonal therapy as reported in the IWRS; relative to leuprolide acetate <1 favoring enzalutamide combination; the two-sided P-value is based on a stratified log-rank test.



Data cutoff: January 31, 2023. Symbols indicate censored data. ^aThe HR was based on a Cox regression model with treatment as the only covariate stratified by screening PSA, PSADT, and prior hormonal therapy as reported in the IWRS; relative to leuprolide acetate <1 favoring enzalutamide combination; the two-sided P-value is based on a stratified log-rank test.



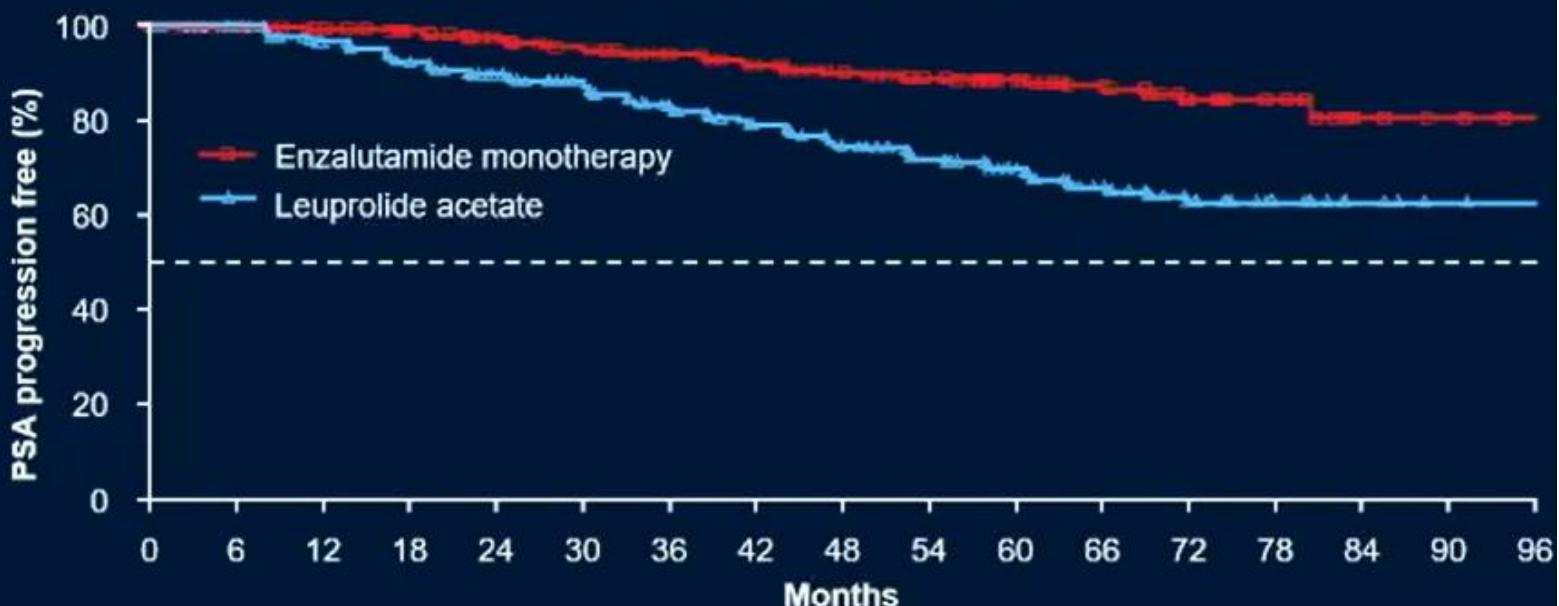
A consistent treatment effect was seen for investigator-assessed MFS: HR (95% CI): 0.56 (0.40–0.78); $P=0.0006$



Data cutoff: January 31, 2023. Symbols indicate censored data. ^aThe HR was based on a Cox regression model with treatment as the only covariate stratified by screening PSA, PSADT, and prior hormonal therapy as reported in the IWRS; relative to leuprolide acetate <1 favoring enzalutamide monotherapy; the two-sided P-value is based on a stratified log-rank test.

OS: Mono Comparison	HR, 95% CI	0.77 (0.51 , 1.15)	0.78 (0.52 , 1.17)
	p-value	0.1963	0.2304

Time to PSA progression



Patients at risk

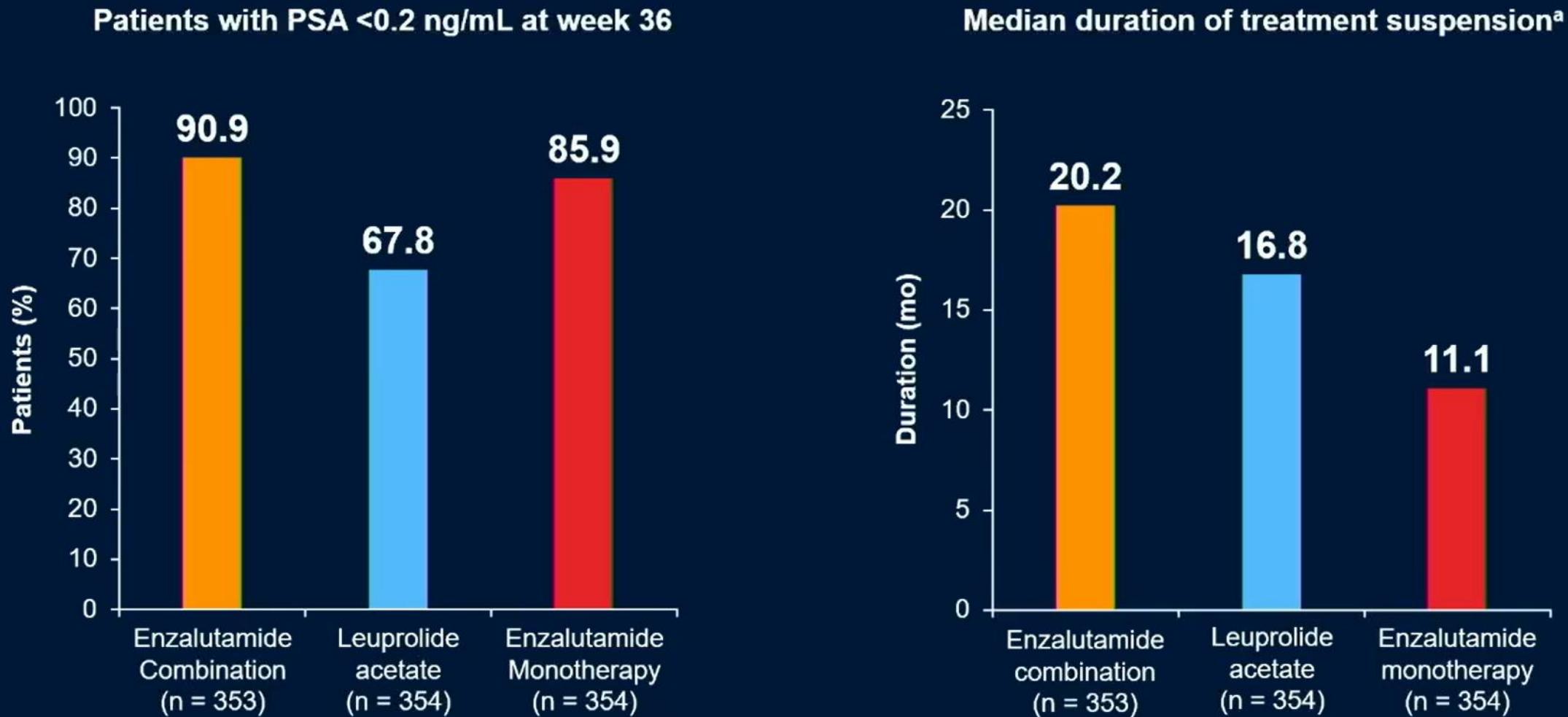
Enzalutamide monotherapy	355	346	328	311	291	279	262	246	228	213	168	108	63	37	8	3	0
Leuprolide acetate	358	341	314	293	268	253	223	201	182	168	128	83	42	20	7	3	0

Enzalutamide monotherapy
(n = 355)

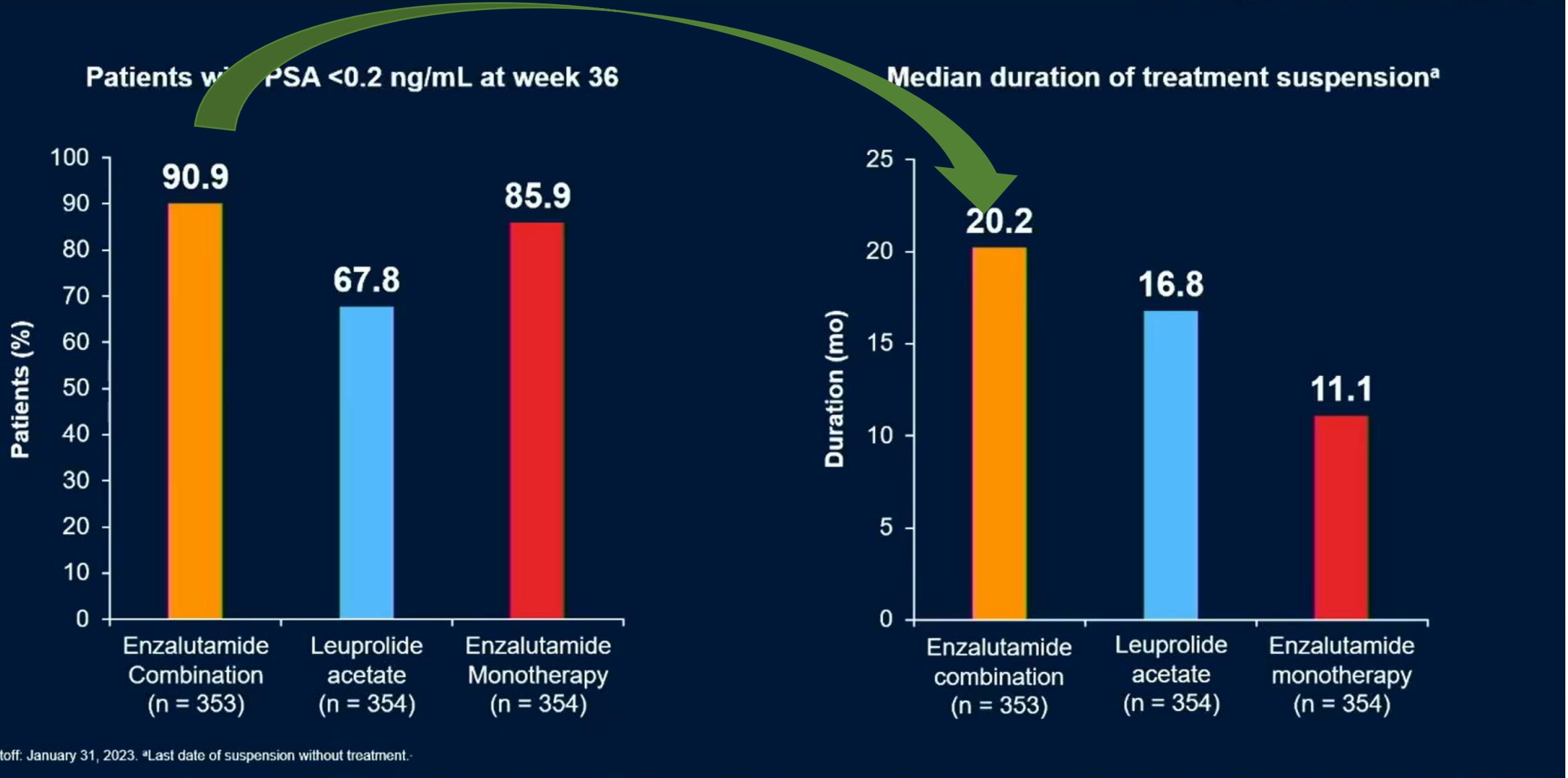
Leuprolide acetate
(n = 358)

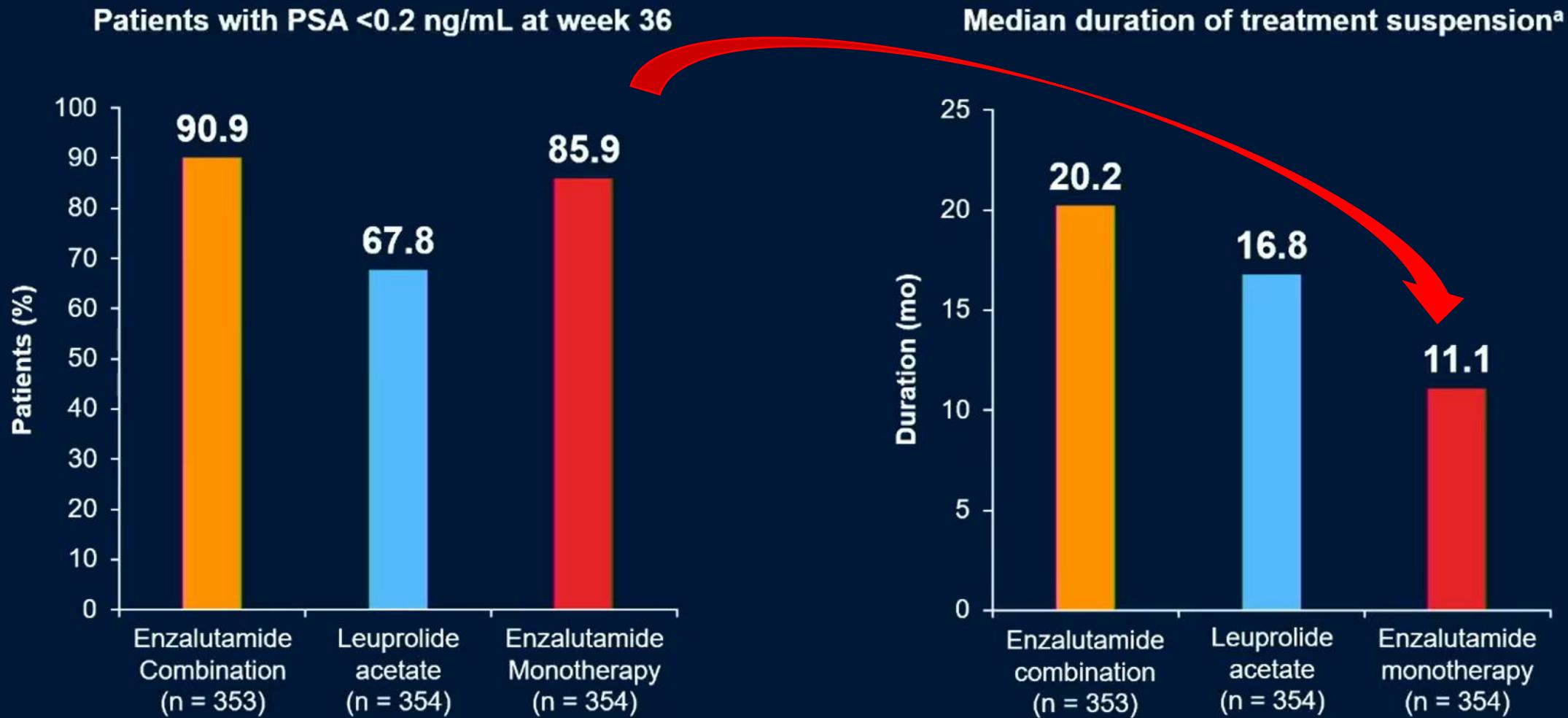
Events, n (%)	37 (10)	93 (26)
Median time to PSA progression (95% CI), mo	NR (NR)	NR (NR)

HR (95% CI):
0.33 (0.23–0.49); P<0.0001^a



Data cutoff: January 31, 2023. ^aLast date of suspension without treatment.





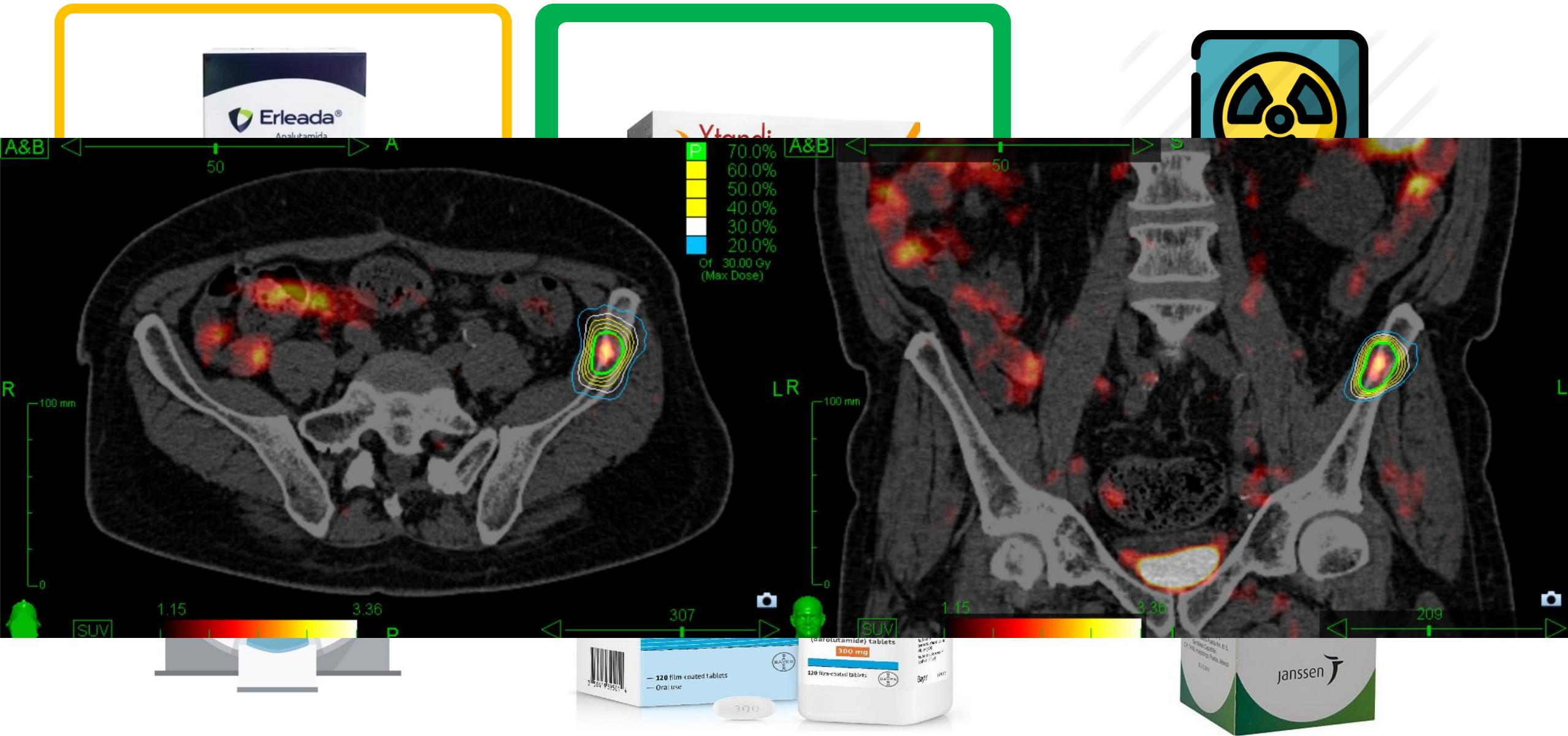
Data cutoff: January 31, 2023. ^aLast date of suspension without treatment.

Event, n (%) ^a	Enzalutamide combination (n = 353)		Leuprolide acetate (n = 354)		Enzalutamide monotherapy (n = 354)	
	All grades	Grade ≥3	All grades	Grade ≥3	All grades	Grade ≥3
Any AE	343 (97.2)	164 (46.5)	345 (97.5)	151 (42.7)	347 (98.0)	177 (50.0)
Treatment-related AE	305 (86.4)	62 (17.6)	283 (79.9)	31 (8.8)	312 (88.1)	57 (16.1)
Serious AE	123 (34.8)	110 (31.2)	112 (31.6)	100 (28.2)	131 (37.0)	116 (32.8)
Treatment-related serious AE	26 (7.4)	22 (6.2)	8 (2.3)	7 (2.0)	17 (4.8)	17 (4.8)
AE leading to dose reduction	25 (7.1)	11 (3.1)	16 (4.5)	5 (1.4)	56 (15.8)	14 (4.0)
AE leading to permanent discontinuation	73 (20.7)	31 (8.8)	36 (10.2)	19 (5.4)	63 (17.8)	34 (9.6)
AE leading to death	6 (1.7) ^b	–	3 (0.8) ^b	–	8 (2.3) ^b	–

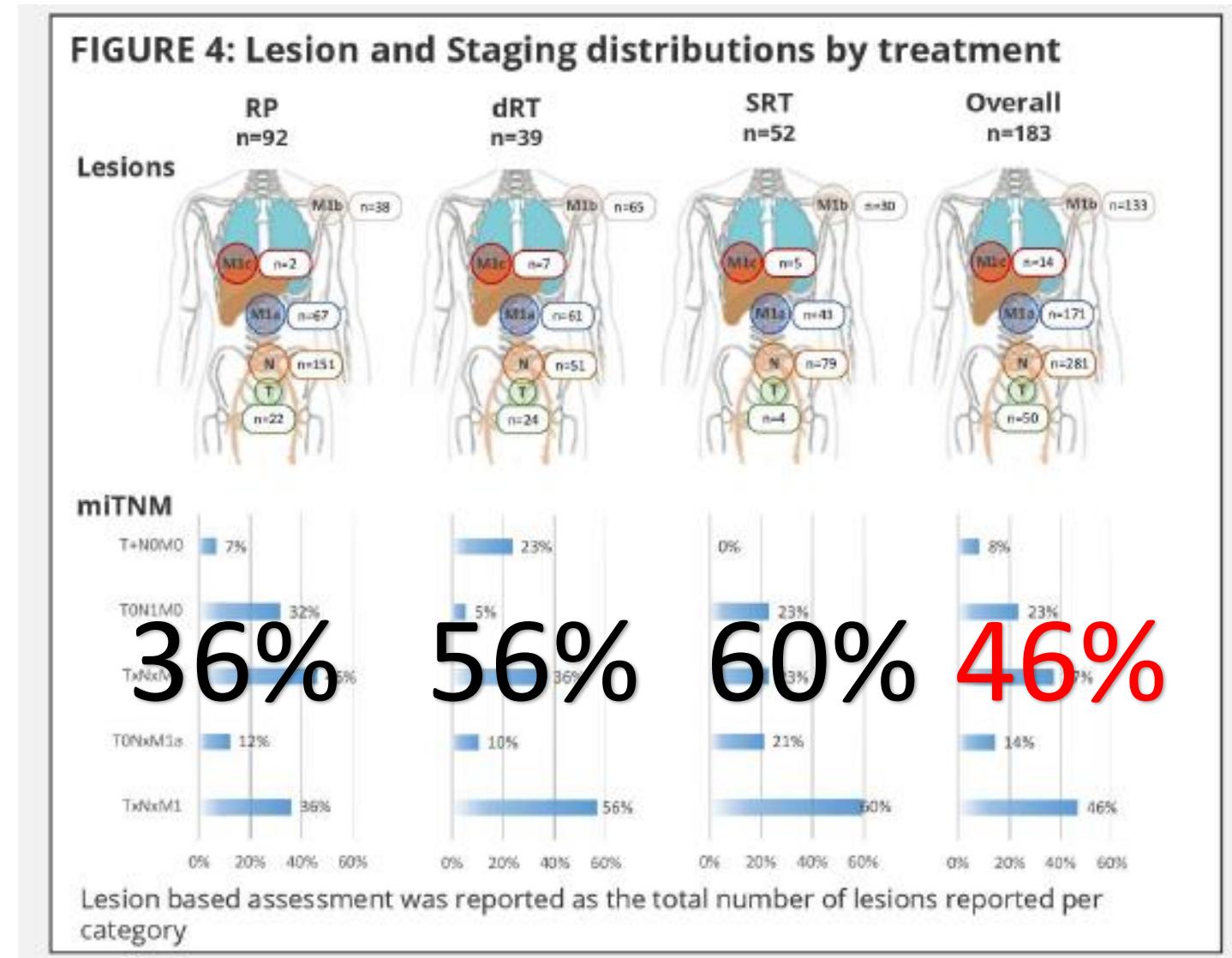
- Median treatment duration excluding treatment suspension was 32.4 mo (range, 0.1–83.4 mo) for enzalutamide combination, 35.4 mo (range, 0.7–85.7 mo) for leuprolide acetate, and 45.9 mo (0.4–88.9 mo) for enzalutamide monotherapy.
- The most common AE leading to study drug discontinuation was fatigue (enzalutamide combination, 3.4% [n = 12]; leuprolide acetate, 1.1% [n = 4]; enzalutamide monotherapy, 2.3% [n = 8]).



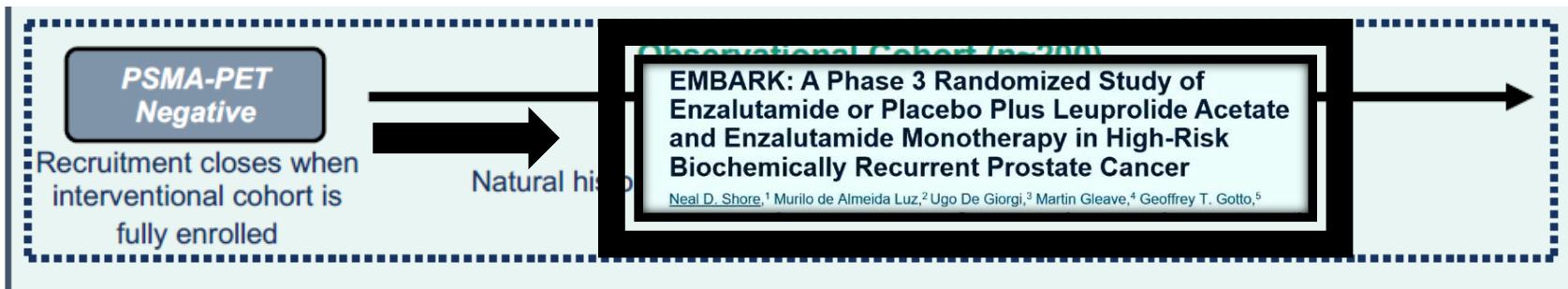


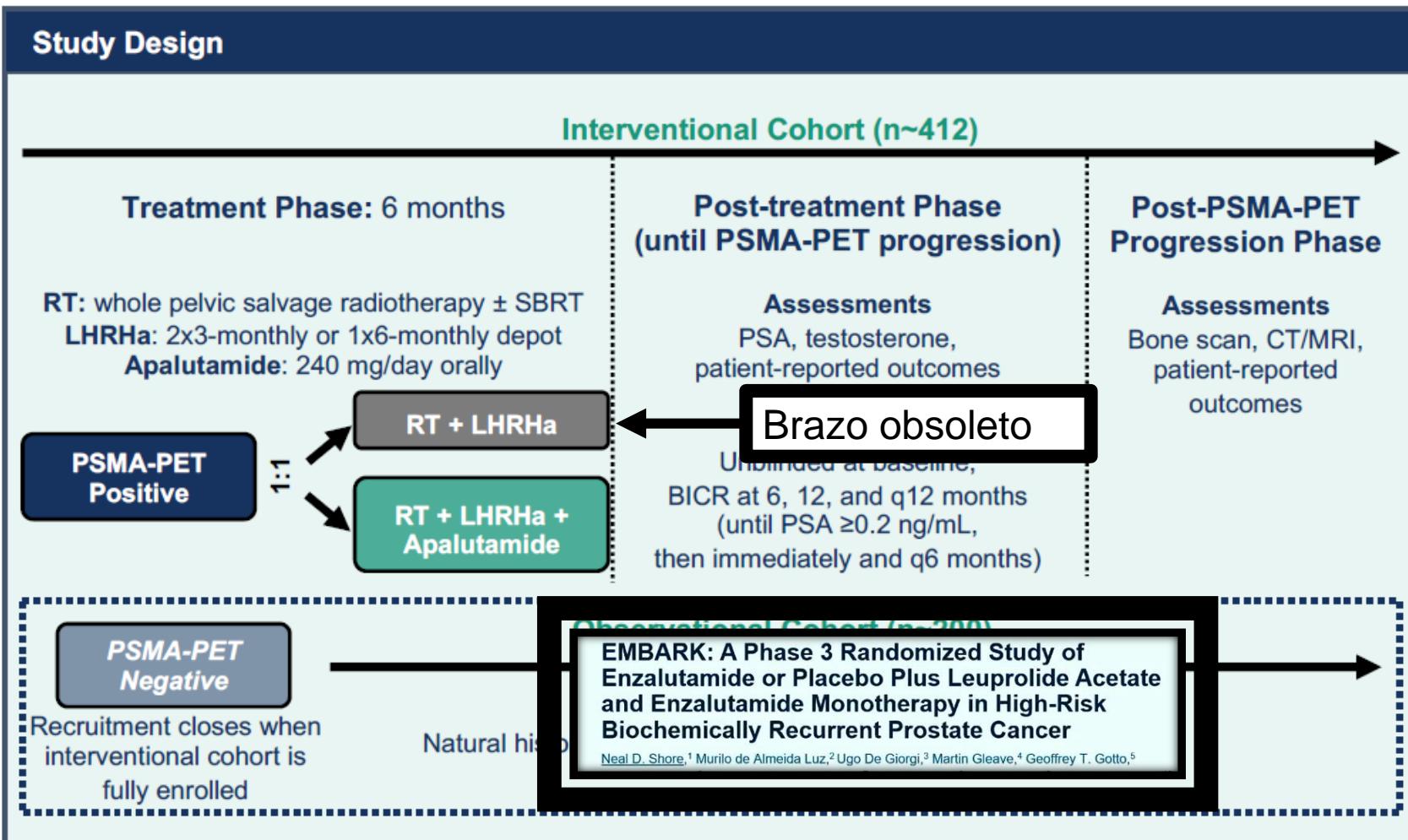


Perfil EMBARK. Rendimiento del PET





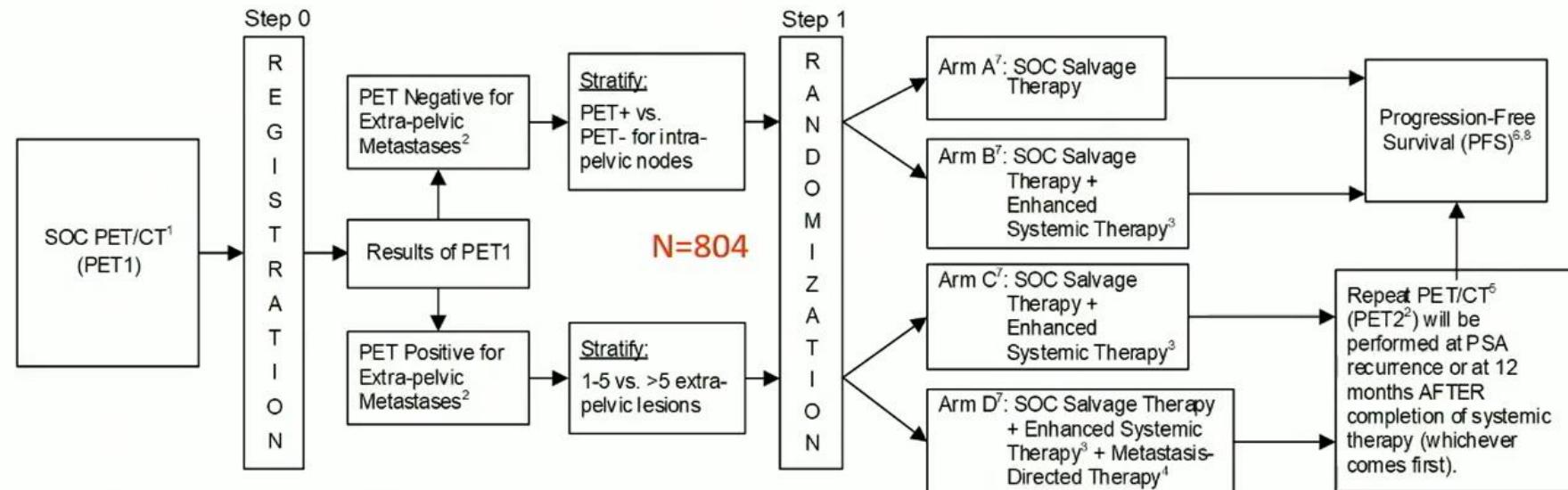




Futuro referido en AUA

EA8191 INDICATE

National PI: Neha Vapiwala

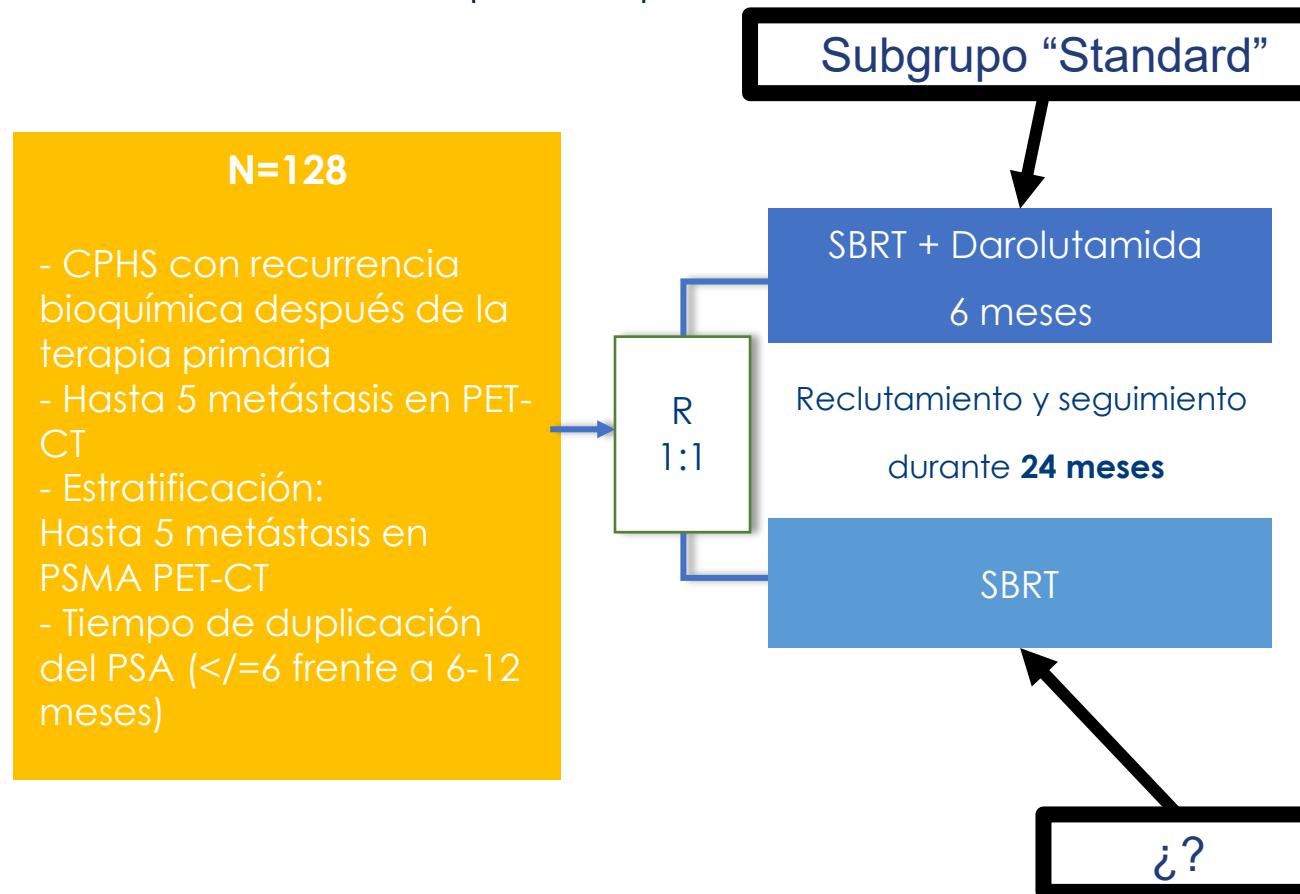


Objectives

- For patients without PET-evidence of extrapelvic metastases: to evaluate whether the addition of enhanced systemic therapy to SOC salvage RT can prolong PFS.
- For patients with PET-evidence of extrapelvic metastases: to evaluate whether the addition of metastasis-directed RT to enhanced systemic therapy and SOC salvage RT can prolong PFS.

DART: Radioterapia estereotáctica corporal con o sin darolutamida para el cáncer de próstata oligorrecurrente

FASE 2 aleatorizado que compara darolutamida con SBRT



SBRT: Radioterapia corporal estereotáctica; CPRC: cáncer de próstata resistente a la castración

Patrocinador: Hospital Universitario, Gante

PI: Piet Ost

Fecha estimada de finalización: 2024

Países: Bélgica

Recruiting

Objetivo primario:

- Supervivencia libre de metástasis (SLM)

Objetivos secundarios:

- Seguridad
- Supervivencia libre de recaída bioquímica
- Supervivencia libre de progresión clínica
- Tiempo hasta la próxima terapia sistémica
- Supervivencia libre de CRPC
- Supervivencia global y específica del cáncer de próstata
- Calidad de vida

SLM = Tiempo entre la aleatorización y la aparición de una nueva recurrencia metastásica (cualquier M1) según lo sugerido por PET-CT o muerte por cualquier causa

START-MET: SbrT Androgen Receptor Therapy METastatic HS prostate cancer. mHSPC, non-blinded, randomized, phase III, multi center study.

Meets following criteria

Inclusion criteria

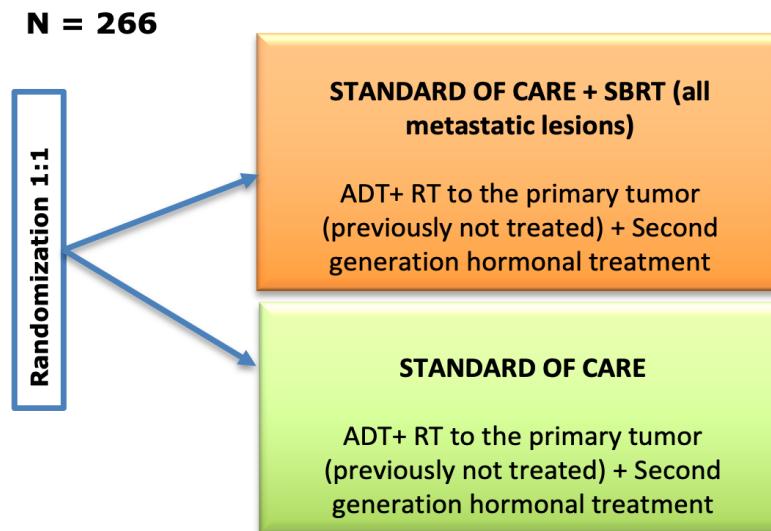
- Castration sensitive → Local prior treatment allowed
- ECOG PS 0 or 1
- Distant metastatic disease by ≤ 3 lesions based on CT and Bone Scan and ≤ 5 lesions based on Coline or PSMA PET/TC

Stratification factors:

- Prior local treatment
- New Imaging technique (Coline vs PSMA PET/TC)

Exclusion criteria

- Metastases in previously irradiated areas
- Prior docetaxel or second generation hormonal treatments
- Tumor stage T4



ENDPOINTS

Primary endpoint:

- rPFS

Key Secondary endpoints:

- Overall survival
- Time to cytotoxic chemotherapy
- Time to PSA progression
- Time to pain progression
- Time to castration resistance
- Time to skeletal-related event
- Quality of life and safety profile

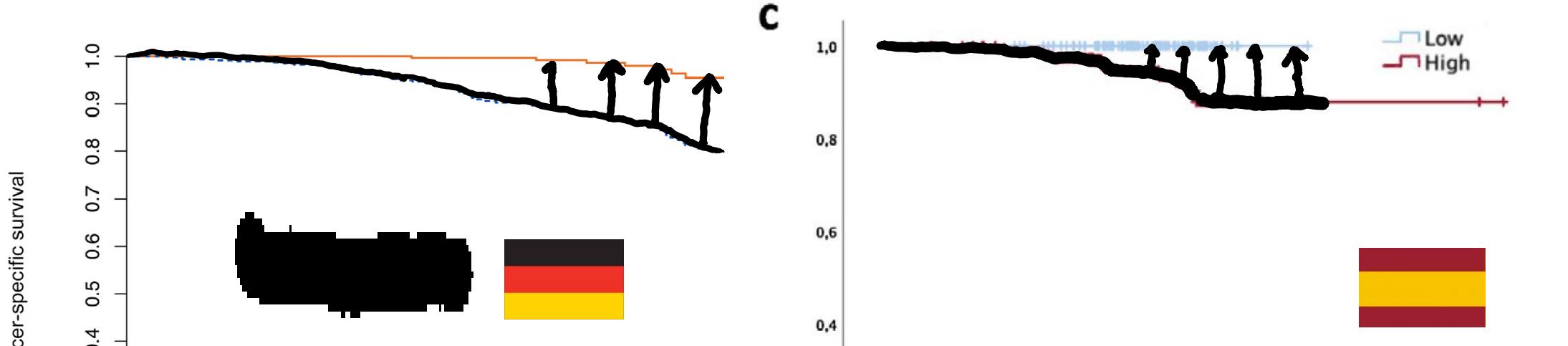
Exploratory endpoints:

- Biomarkers assessment
- Local control
- Second progression free survival (PFS2)
- Time to symptomatic progression

(ADT+ Abi/Apa/Enza/Daro)

PIs: Conde-Moreno, López-Campos, Gómez-Iturriaga

Conclusiones.



EMBARK: A Phase 3 Randomized Study of Enzalutamide or Placebo Plus Leuprolide Acetate and Enzalutamide Monotherapy in High-Risk Biochemically Recurrent Prostate Cancer

Neal D. Shore,¹ Murilo de Almeida Luz,² Ugo De Giorgi,³ Martin Gleave,⁴ Geoffrey T. Gotto,⁵

Virtudes de una Fase OFF:

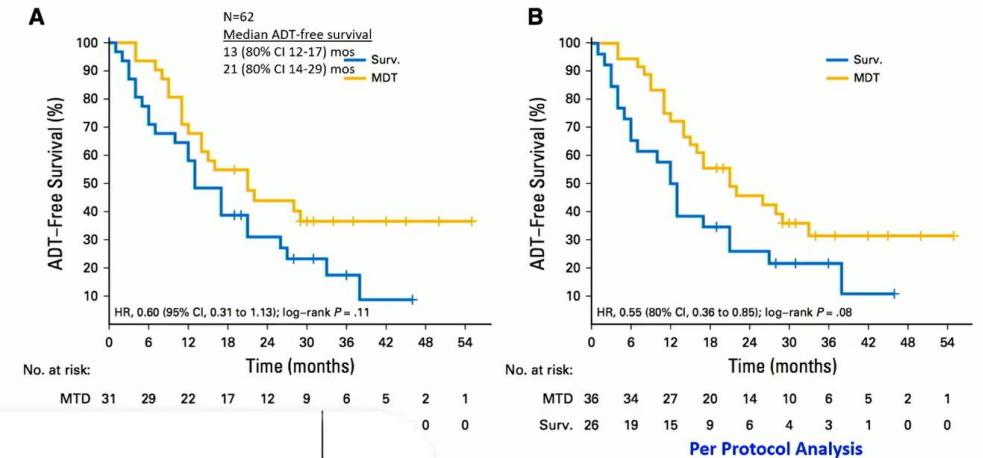
OLIGO

Believers

SU perfil. Radio/URO que piensa que el PSMA da la oportunidad de rescatar y curar algunos POCOS pacientes.

¿Cómo acaban los PIVOTALES de los oligobelievers?

Metastasis-Directed Therapy Improves ADT-free Survival



al. J Clin Oncol. 2018; 36:446-53.

Surveillance or Metastasis-Directed Therapy for Oligometastatic Prostate Cancer Recurrence: A Prospective, Randomized, Multicenter Phase II Trial

Piet Ost, Dries Reyniers, Karel Decaestecker, Valérie Fonteyne, Nicolaas I Lambert, Louke Delrue, Renée Bultijnck, Tom Claeys, Els Goetghebeur, Geer Ignace Billiet, Steven Joniau, Friedl Vanhaverbeke, and Gert De Meerleer

Ost P et al. J Clin Oncol. 2018; 36:446-53.

Outcomes of Observation vs Stereotactic Radiation Therapy for Oligometastatic Prostate Cancer

The ORIOLE Phase 2 Randomized Clinical Trial

Ryan Phillips, MD, PhD; William Yue Shi, BS; Matthew Deek, MD; Noura Radwan, MD; Emmanuel S. Antonarakis, MD; Steven P. Rowe, MD, PhD; Ashley E. Ross, MD, PhD; Curtinand Deville, MD; Stephen C. Greco, MD; Hailun Wang, PhD; Samuel R. Denm; Channing J. Paller, MD; Shiril Dipasquale, MS, RN; Theodore L. DeWeese, MD; Daniel Michael A. Carducci, MD; Kenneth J. Pienta, MD; Martin G. Pomper, MD, PhD; Adam Mario A. Eisenberger, MD; Ash A. Alizadeh, MD, PhD; Maximilian Diehn, MD, PhD; Phillips R et al. JAMA Oncol 2020; 6:650-59.

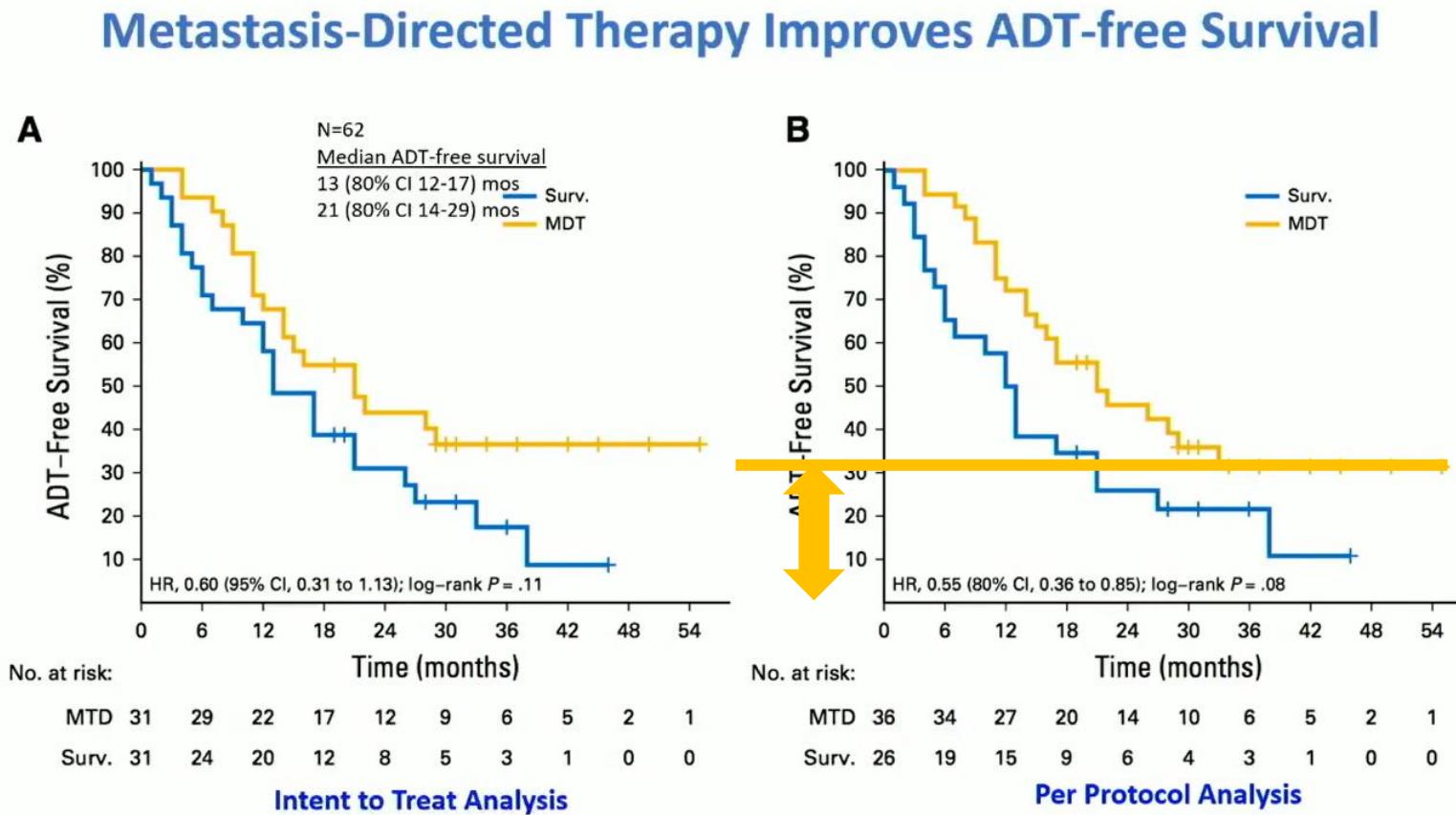
Phillips R et al. JAMA Oncol 2020; 6:650-59.

0 0

specific antigen (PSA) after 3 months and (B) the best response. (C) Kaplan-Meier plot comparing time-to-treat analysis. (*) Indicates patients who were randomly assigned to the surveillance (Surv) arm †, hazard ratio.

IDT a treat- te only re- series tried retrospective ad- ulting in an onths) after ent because ts received SBRT. This : the better he addition of temporary ADT to radiotherapy is known to prolong progression-free survival and overall survival in both high-risk and biochemical recurrent PCa.² Consequently, we believe it is worthwhile to investigate the addition of a temporary systemic drug to MDT in future trials. The synergistic approach might improve the therapeutic ratio by eradicating microscopic disease, which is still often missed by choline PET-CT. This is demonstrated clearly by the current trial—30% of patients treated with MDT progressed to poly-metastatic disease within the first year. Advances in imaging, such as ⁶⁸Ga prostate-specific membrane antigen (PSMA) PET-CT, might also improve patient selection for MDT.²⁷ PSMA-PET, which is widely available and has a better sensitivity and specificity than does

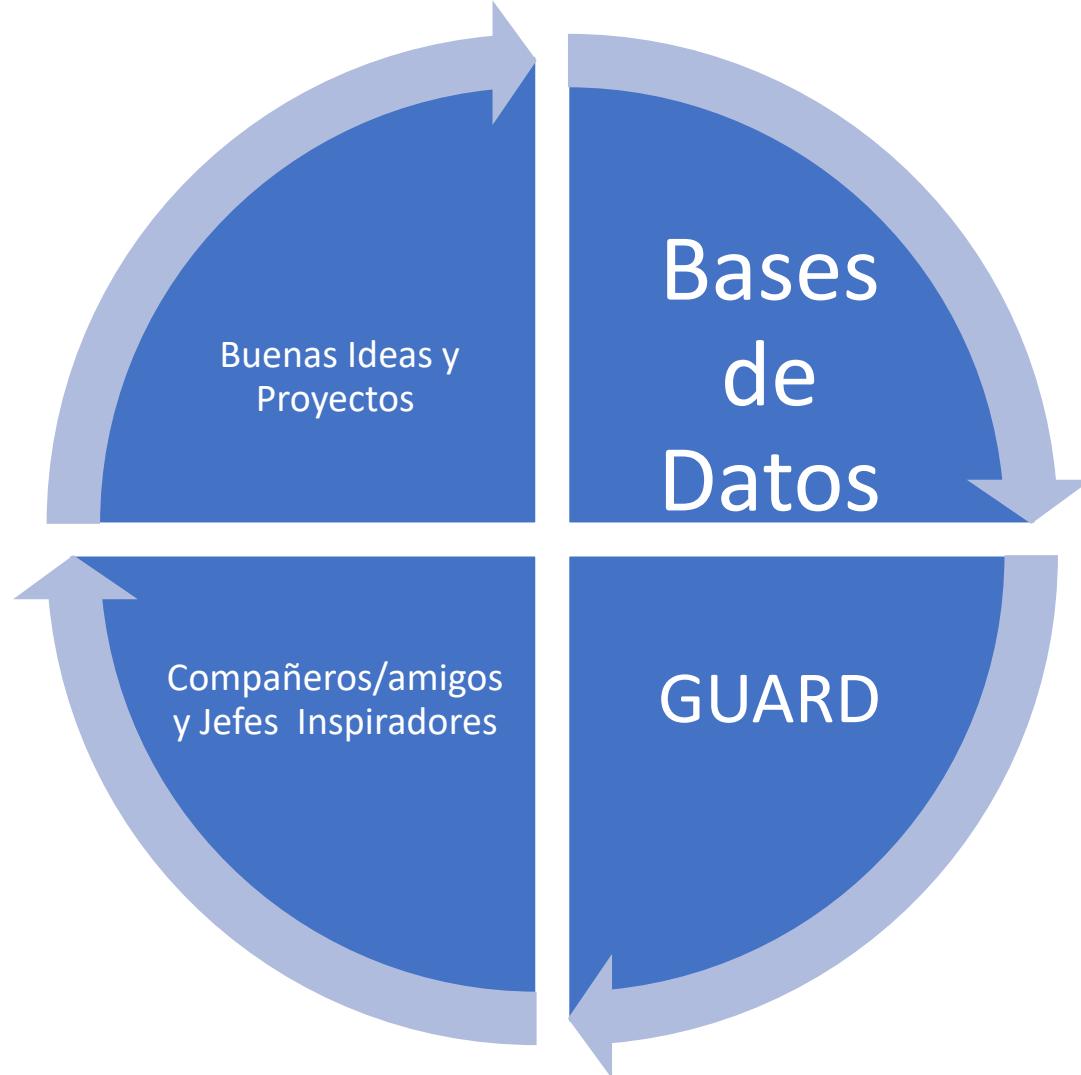
Pero..... ¿Cuál es la única manera de reconocer a este subgrupo?

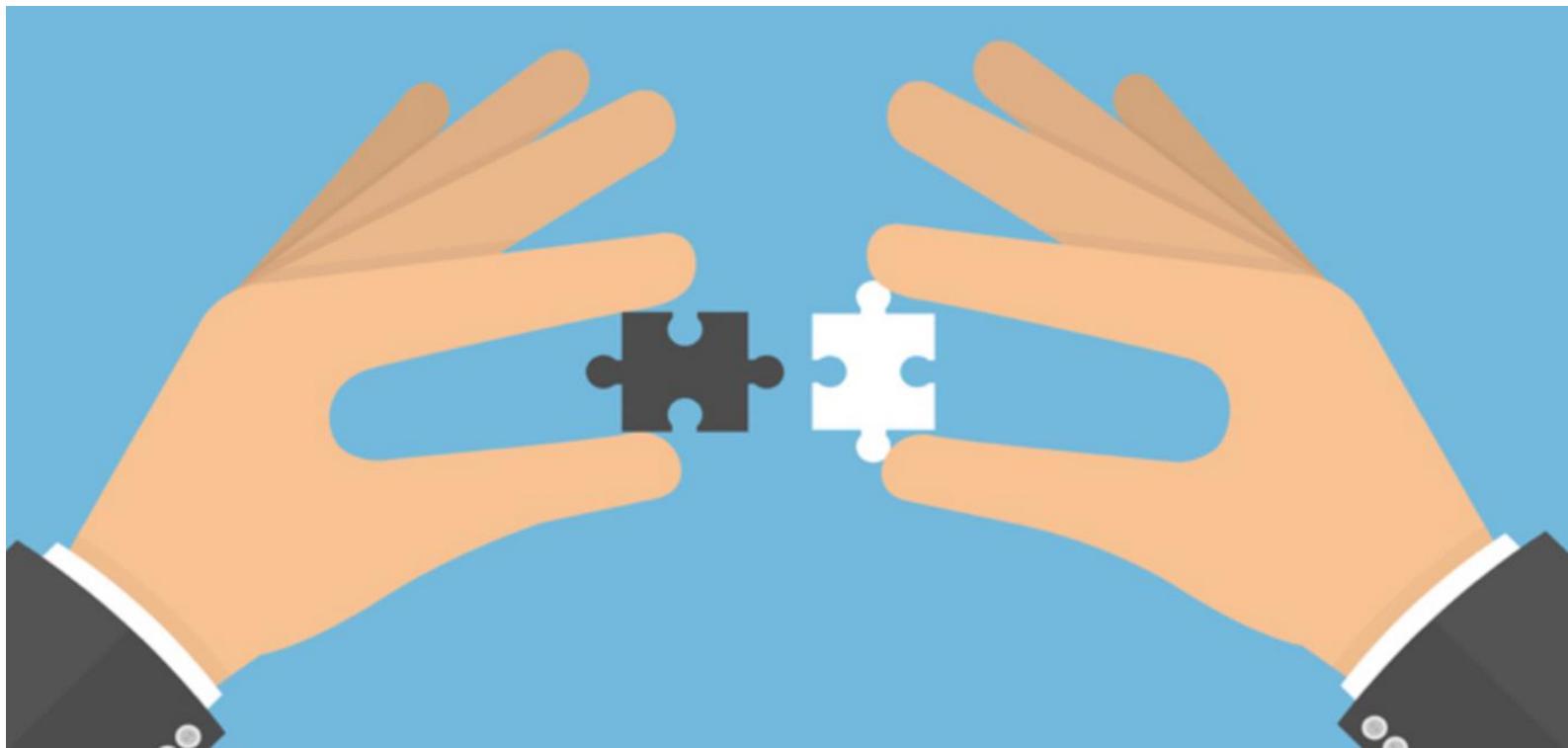


Si los autores reconocen que a la sbrt hay que añadir TDA...

Sin embargo, refieren que hay un 30% de pacientes que gracias a la SBRT EVITAN LA TDA?....

La Solución es LA INTERMITENCIA





1. Proyectos Ambiespectivos.

Paciente: T98763 SANTOS DIAZ JOSE LUIS F. Nac: 08/02/1944 Edad: 79

Ca. PROSTATA LOCALIZADO

Salir

[Datos Adm./Epidem.](#) [Diagnóstico Clínico](#) [Resonancias](#) [Estrategias](#) [AP](#) [Seguimiento Oncológico](#) [Seguimiento Funcional](#) [Eventos Funcionales y Compl.Diferidas](#) [Continencia](#) [Uro HT](#)

Datos Administrativos

Procedencia: 6 -IVO Buscar paciente IVO
 Tipo: Historia Nombre (Usar formato "APELLIDO1 APELLIDO2 NOMBRE" para búsqueda, sin usar comas)
 Fecha Nacimiento: 5151 1239 Limpiar Filtro

LIO 2023

Datos Epidemiológicos

Antecedentes tumorales del paciente: 0 -No Etnia: 1 -Caucásica/Blanca
Hiperlipemia: 0 -No

Enfermedades concomitantes diagnosticadas al paciente

Sintomatología prostática: 0 -No
 Antecedentes cirugía HBP: 0 -No
 Disfunción eréctil: 0 -No Desde hace (meses):
 Diabetes Mellitus: 0 -No Desde hace (años):
 Enfermedades endocrino-metabólicas: 0 -No
 Especificar:
 Enfermedades cardio-vasculares: 1 -Si
 Especificar: Angina pecho.
 Otras enfermedades: 1 -Si
 Especificar: Enf. Wilson.

Consumo de tabaco: 1 -Nunca ha sido fumador
 Paquetes al año(Frec.Pasada): Tiempo que no fuma (meses):
 Paquetes al año(Frec.Actual):

Antecedentes familiares de Ca.Prostata: 0 -No

¿Toma AAS/anticoag. regularmente? 1 -AAS Desde que año? 1989
 Importar de Screening Sin antecedentes destacables Guardar Datos Buscar paciente por idpac Exportación a Access Nº de Pacientes: 6122

Seguimientos Uro-HT		
idht	Fecha Seguimiento	Situación paciente
13109	26/10/2021	HS ON
13729	22/02/2022	HS ON
14875	05/09/2022	HS ON
15681	07/02/2023	HS ON
16745	13/06/2023	HS OFF

Dlg_Prostata_UROHT

Fecha Seguimiento 07/02/2023 15681 5151 08/02/1944 URO

Datos Enfermería Datos Médicos Datos Médicos 2

TEST DE CALIDAD DE VIDA

FACT-P Trial Outcome Index (TOI) (0-104) Excel

FACT-G Total Score (0-108)

FACT-P Total Score (0-156)

IPSS Cuestionario G8

CV Cuestionario FRAX

Sonda permanente 0-No

BSI

ANALITICA

PSA Total 3.55 HB 14 Hcto 40.8 Plaquetas 213

Glicosa 99 Urea 41.6 Creatinina 0.83 Fg 94.99

Ca 9.3 GOT 20.8 GPT 13.4 GammaGT 12

LDH 171 Fosfat Alcali 117 Colest Total Colest.HDL

Colest LDL Trigliceridos Proteina-C

Testosterona Total(ng/dl) 0.02 Albumina

Neutrófilos 3.27 Leucocitos 5.7 Linfocitos 1.67

TSH T3 T4

DATOS ANTROPOMETRICOS

Altura (en metros) 1.64 Peso (en Kg) 70 IMC 26

Peimetro Abd. 105 TAS 158 TAD 73

Se entregan normas de hábitos de vida y dieta 0-No

Evolución  Guardar Datos 

Analíticas 

TRATAMIENTO HORMONAL

Análogo 1-Sí Marca elgard

Frecuencia (meses) 6 Fecha Ult Adm 05/09/2022

Antiandrógeno 0-No Marca

Dosis Desde qué fecha?

Degarelix 0-No Fecha Ult Adm

Sin cambios en tratamiento 

Fecha Seguimiento 07/02/2023 15681 5151 08/02/1944 URO

Datos Enfermería Datos Médicos Datos Médicos 2

Lleva tratamientos NO COMUNES para su cancer de próstata 1-Sí Sin cambios en evolutivo previo

Tratamientos

Castración quirúrgica Zometa (Xgeva) Denosumab mensual Prolia Otros bisfosfonatos (fosamax/condrostan) Ketokonazol

Estracyd Abiraterona Enzalutamida Apalutamida Darolutamida Ensayo Clínico Docetaxel Otros

ECOG 0-ECOG 0 Charlson 1  PSA Velocity 

Anamnesis Médicos

Eventos Oseos 1-Sí Eventos Cardiovasculares 0-No Cuadro Constitucional 0-No Sin Eventos

Observaciones Fractura de D12 con edema óseo de probable etiología osteoporótica. colecistectomía 2/8/2022

Dolor 0-No

Complicaciones

Sofocos 0-No Astenia 0-No Ginecomastia 0-No Hepatotoxicidad 0-No Sin Complicaciones

Fatiga 0-No Depresión(llanto espontáneo) 0-No Hta 0-No HipoNa 0-No

HiperCa 0-No Rash 0-No Observaciones

Radioterapia Paliativa 0-No

Exploración Clínica

Si hay radioterapia recuerde cumplimentar la estrategia

Dlg_Prostata_UKUH1

Fecha Seguimiento 07/02/2023 15681 5151 08/02/1944 URO

Datos Enfermería Datos Médicos Datos Médicos 2

Acude con pruebas de Imagen 1-Sí

TAC y/o Rastreo Oseo 1-Sí PET 1-Sí

Mtx Osea

Mtx Ganglionares Unica Menos de 3 Múltiples Pélvica Retroperitoneal Mediastinicas Supraclavicular Ninguna

Mtx Viscerales Pulmonares Hepáticas Cerebrales Suprarrenales Otras Ninguna

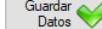
Conclusión del TAC

Conclusión del Rastreo Oseo

Conclusión del PET

Densitometría

Situación ACTUAL del Paciente 1-HS ON

Guardar Datos 

The screenshot shows a medical software interface with the following details:

Top Bar:

- Sano SUITE logo
- ivo logo
- User profile: Miguel Ramirez (Médico | Urología | Consultas Externas)
- Notification bell icon
- Grid icon

Header:

- Domicilio: Calle VALENCIA, 6-BJ, , 46133 Meliana, Valencia/València, Comunitat Valenciana, España
- Servicio Clínico: Urología
- Unidad Hospitalaria: Consultas Externas
- Profesional: Miguel Ramirez
- Urología Historia personal de neoplas...
- 17/08/2022 | DP05-G.V-C.S.-DPTO. ...

Section Headers:

- INFORME DE EVOLUCIÓN / INFORME D'EVOLUCIÓ
- Nota de evolución
- Histórico de notas de evolución

Text Content (Nota de evolución):

13/06/2023 12:16 - CONSULTAS EXTERNAS - Urología - M^aCarmen Rodríguez
Consultas externas - Urología - Miguel Ramirez
STATUS actual HS ON EN EL CONTEXTO DE PACIENTES HS METASTASICO TDA + APA (MTX GG RETROPERITONEALES)
PSA:.01 . TEST:0.37
(lleva dos años bajo los efectos de la tda y apalutamida)
Último análogo 3/2/23
ECOG:0;
CHARLSON: 1
SUBJETIVAMENTE: BIEN
Toxicidad NO
Dolor No
Eventos CV u óseos: NO
NO Recibimos pruebas de imagen
EF: SHP
Próximo control EN 3 MESES
El paciente está con sofocos y me pregunta por la posibilidad de hacer un descanso de tratamiento.
Le explico que no está estudiado esta opción en el contexto de la enfermedad metastásica. Consensuamos hacer esa fase de descanso.
No recoge -por tanto- medicación y no se aplicará análogo de la gnrh. Re introduciremos el tratamiento si el PSA DOUBLING TIME time es menor de 9 meses y/o el PSA es mayor de 2.

Text Content (Histórico de notas de evolución):

12/12/2022 12:53 - CONSULTAS EXTERNAS - UROLOGÍA - M^aCarmen Rodríguez
Consultas externas - Urología - Álvaro Gómez-Ferrer
PCA = 0



Intermitencia con NAH

CPHS oligometastásico sincrónico:

- ✓ Candidato a tratamiento de la próstata.
- ✓ <5 metástasis por PET (Colina o PSMA).

CPHS oligorecurrente M1a.

Relugolix 120mg/día
+
Apa/Dari/Enza.

PSA \leq 0.2 ng/ml

Si: Inicio Fase OFF.

Si PSA > 2ng/ml: Reinicio fase ON

Reiniciar fase OFF si PSA \leq 0.2 ng/ml

Si PSA > 2ng/ml en fase ON : Diagnóstico de CPRC

NO: Continuar tratamiento hasta CPRC



- Cuestionarios (FACT-P, EORTC QLQ-PR25, IIEF-5...)
- Evaluación masa muscular (Impedanciometría, dinamometría)
- Evaluación masa ósea (densitometría, eventos esqueléticos)

PERFILES DE RESPUESTA

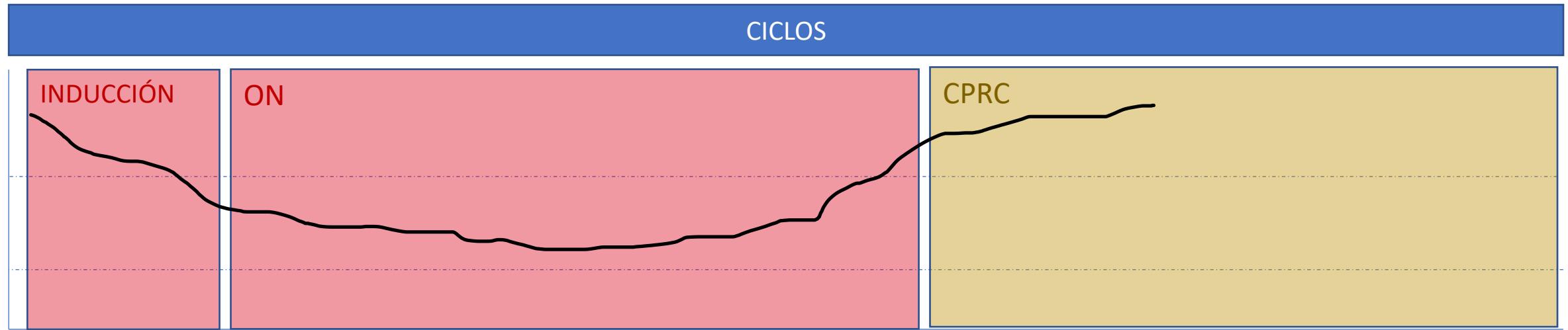
NO respondedor: No responde a la inducción

Mal respondedor: Menos de 2 años en OFF

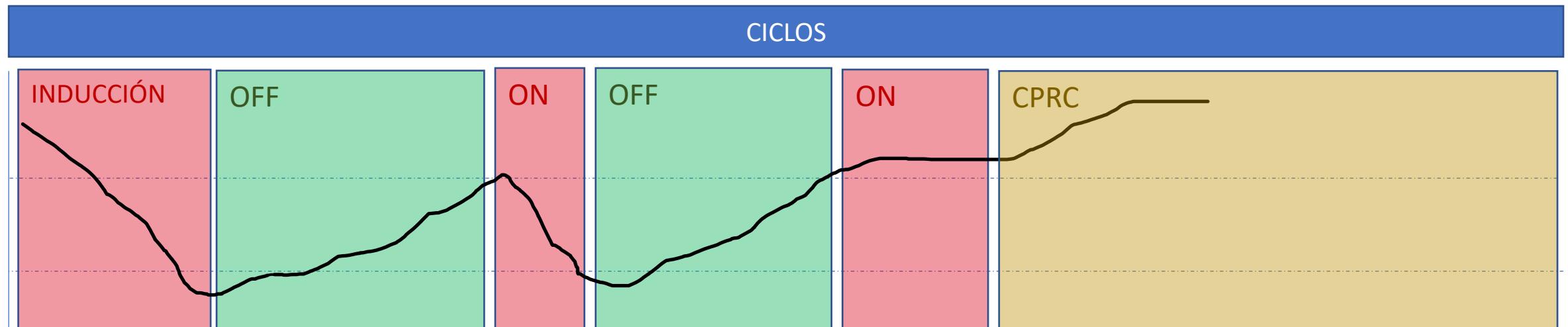
Buen respondedor: Más de 2 años en OFF

Excelente respondedor: Termina el estudio o fallece en OFF

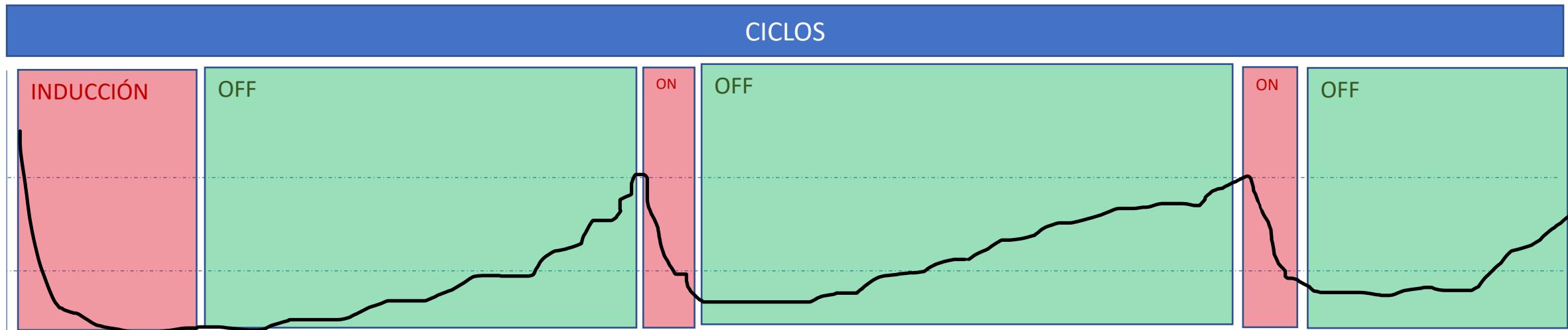
NO respondedor: No responde a la inducción



Mal respondedor: Menos de 2 años en OFF



Buen respondedor: Más de 2 años en OFF



Excelente respondedor: Termina el estudio o fallece en OFF





GUARD

SYMPOSIUM

guardsymposium2023
@GuardConsortium

6-7 JULIO 2023

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GU-Alliance for Research
and Development



2 0 2 4