

Renal Cell Carcinoma Clinical Decision Making

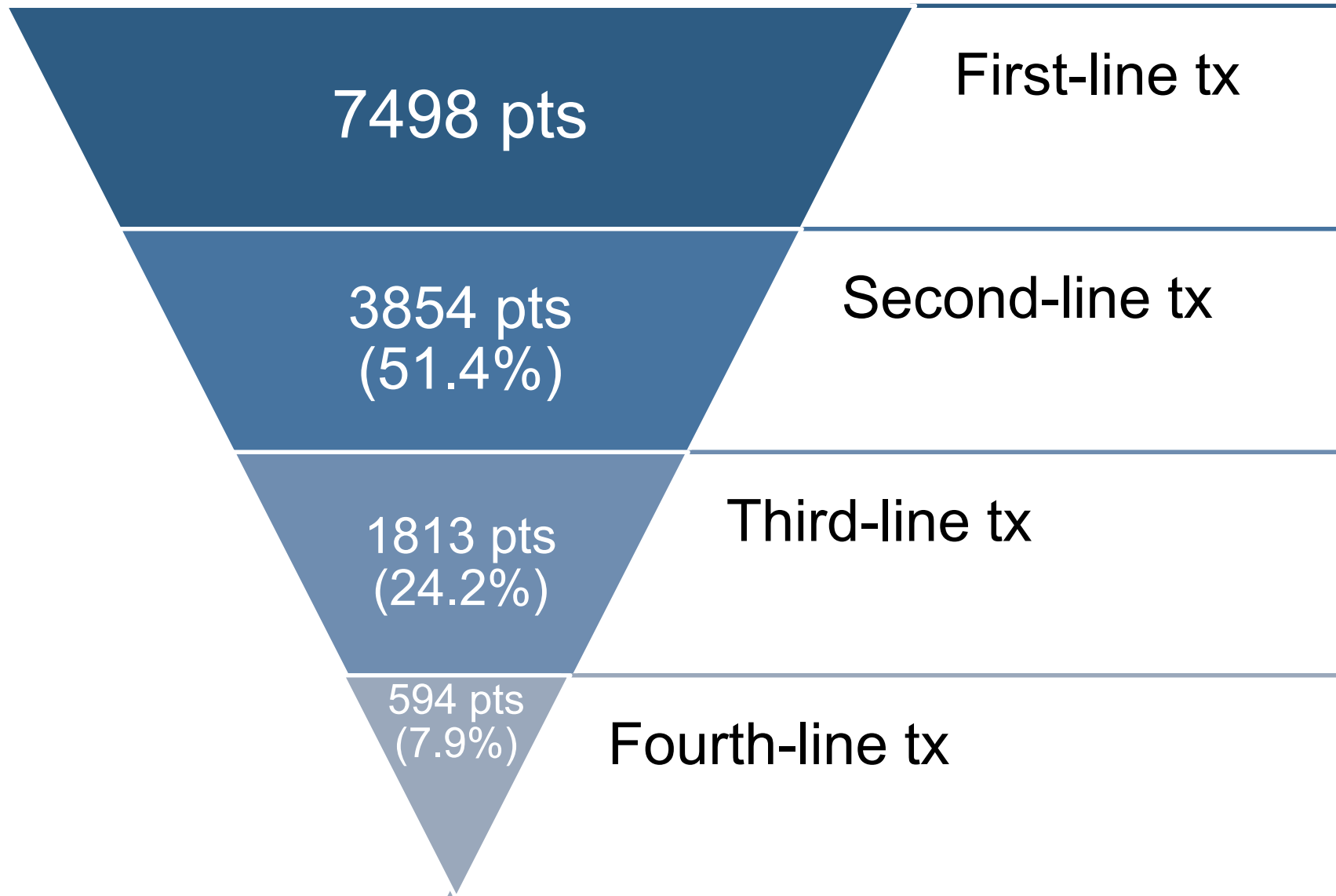
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Cytoreductive Nephrectomy

- In pre-TKI era, RCTs showed improved OS with cytoreductive Nx
- In TKI era, role of Nx is not established
 - CARMENA study: sunitinib non-inferior to sunitinib plus Nx
 - High proportion of poor risk
 - Post-hoc analysis: OS improved in patients with 1 risk factor
- **No prospective data with CPIs**
- Consider in patients with good PS and ≤ 1 risk factor after major response to 8-12 weeks of systemic therapy
- Several ongoing studies in ICI era: NORDIC-SUN, CYTOSHRINK, PROBE

Attrition From One Line to Next Line of Therapy: IMDC Data



First-line IO Combination Trials in mRCC

	CheckMate 214 (Ipi/Nivo) ¹ (n=550 vs n=546)	KEYNOTE-426 (Axi/Pembro) ² (n=432 vs n=429)	CheckMate 9ER (Cabo/Nivo) ^{3,4} (n=323 vs n=328)	CLEAR (Len/Pembro) ⁵ (N=355 vs n=357)
HR mOS, months	0.72 55.7 vs 38.4	0.73 45.7 vs 40.1	0.70 49.5 vs 35.5	0.72 NR vs NR
Landmark OS 12 mo	83% vs. 78%	90% vs. 79%	86% vs. 76%	90% vs 79% (est.)
Landmark OS 24 mo	71% vs. 61%	74% vs. 66%	70% vs 60%	79% vs. 70%
HR mPFS, months	0.86 12.3 vs 12.3	0.68 15.7 vs 11.1	0.58 16.6 vs 8.4	0.39 23.9 vs 9.2
ORR, %	39 vs 32	60 vs 40	56 vs 28	71 vs 36
CR, %	12 vs 3	10 vs 4	12 vs 5	16 vs 4
Med f/u, months	67.7	42.8	44.0	33.7
Primary PD, %	18	11	6	5
Landmark PFS	30% (5 years)	29% (3 years)	39% (2 years)	

^[1] Motzer et al. *Cancer*. 2022;128(11):2085-2097. ^[2] Rini et al. ASCO 2021. ^[3] Motzer et al. *Lancet Oncol*. 2022;23(7):888-898. ^[4] Burroto, et al. J Clin Oncol. 2023;41:6_suppl, 603.

^[5] Motzer et al. *N Engl J Med*. 2021;384(14):1289-1300.

IO/TKI vs IO/IO

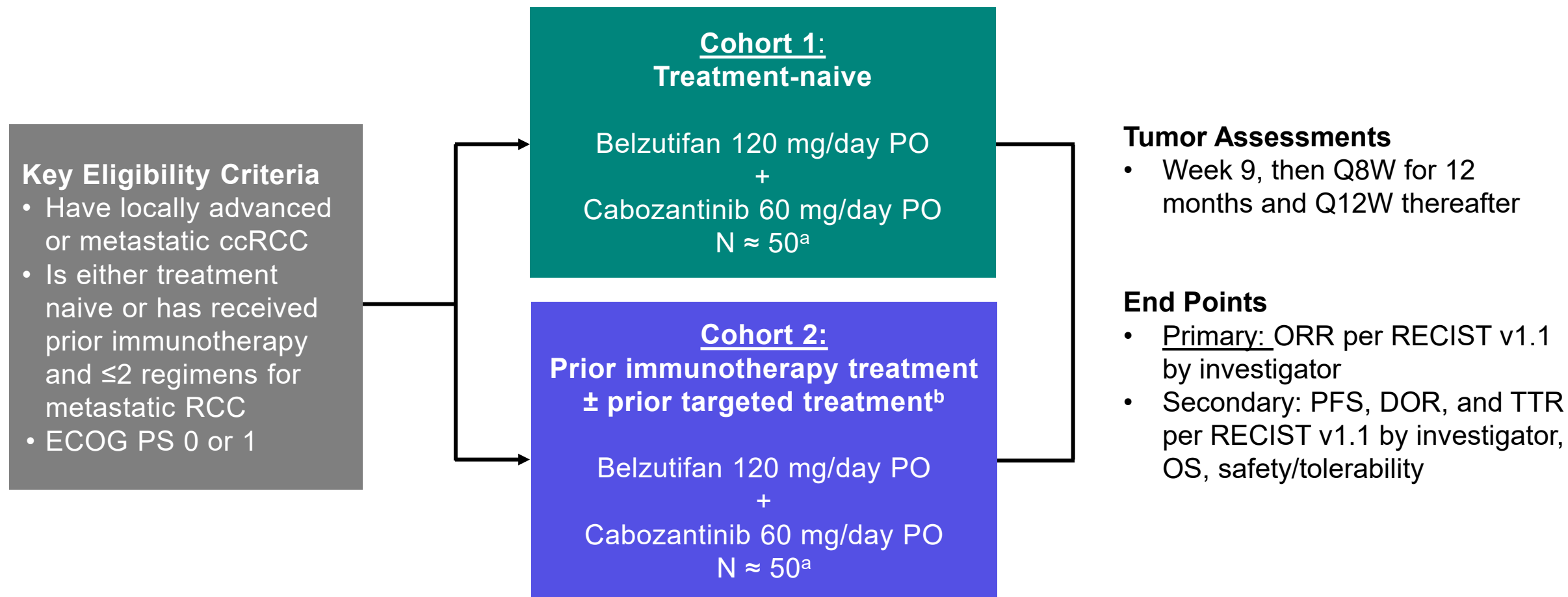
	Pros	Cons
IO/TKI	<ul style="list-style-type: none">• Consistent effects on OS, PFS and ORR across IMDC risk groups• Significant tumor burden reduction reflected in high ORR and long PFS• Manageable toxicity• QoL maintained vs TKI	<ul style="list-style-type: none">• Long-term durability of response yet to be demonstrated• Potential for acute and chronic TKI toxicity
IO/IO	<ul style="list-style-type: none">• OS and ORR advantages over TKI monotherapy• Durability of response / disease-control• Treatment-free interval possible• QoL improved vs TKI	<ul style="list-style-type: none">• Sometimes significant initial toxicity• Lower ORR and shorter PFS compared with IO/TKI regimens• Less effect in favorable risk patients

Phase 2 LITESPARK-003 Study of Belzutifan in Combination With Cabozantinib for Advanced Clear Cell Renal Cell Carcinoma

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Study Design of LITESPARK-003 (NCT03634540)

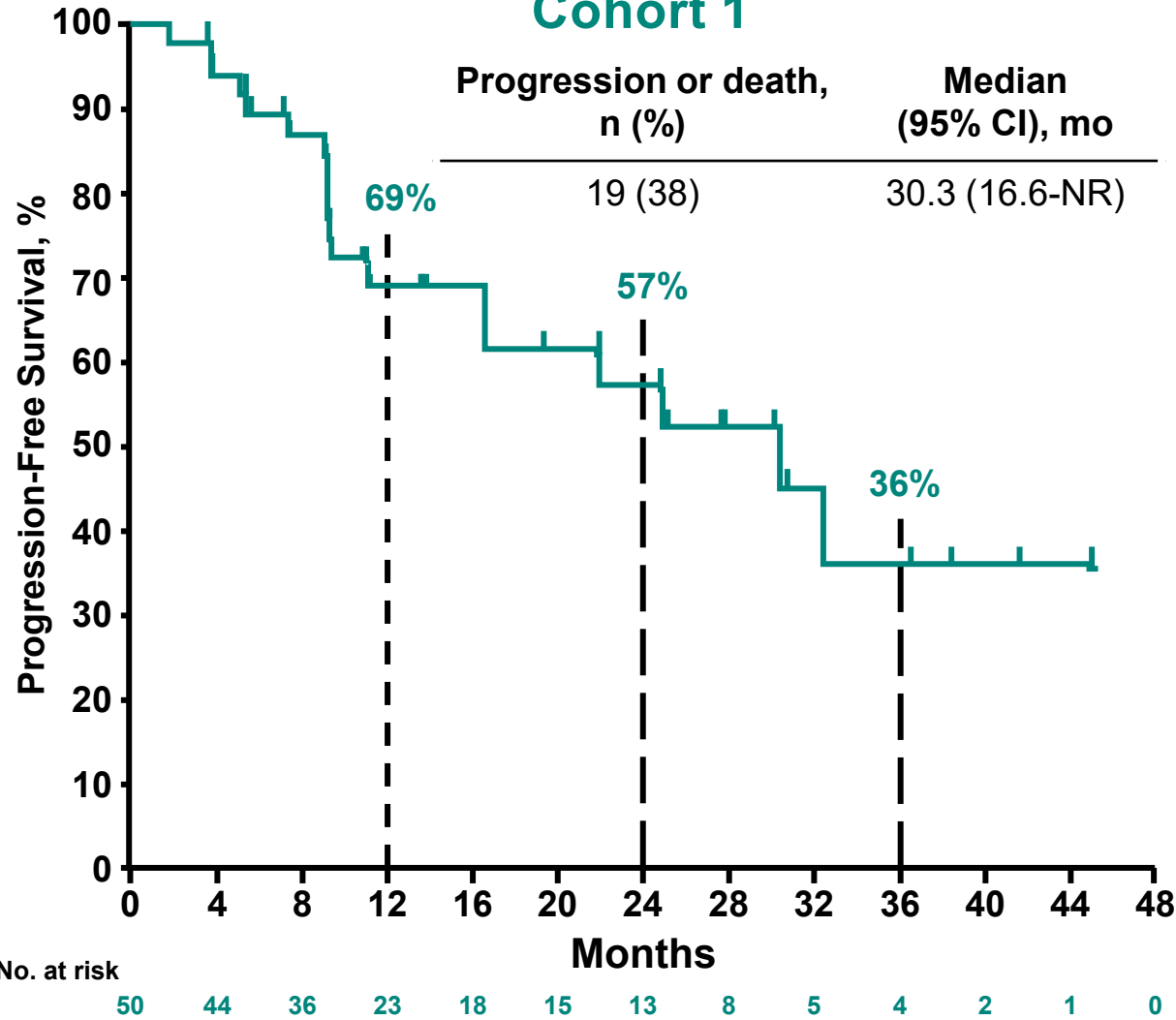


^aPlanned enrollment.

^bNo more than 2 prior immunotherapy regimens for locally advanced or metastatic RCC. Combination regimens with a PD-1/L1 inhibitor and CTLA-4 inhibitor or VEGF/VEGFR inhibitor were counted as 1 regimen.

Progression-Free Survival by Investigator

Cohort 1



Cohort 2

