

MoonRISe-1: Phase 3 Study of TAR-210, an Erdafitinib Intravesical Delivery System, Versus Intravesical Chemotherapy in Patients With Intermediate-Risk Non–Muscle-Invasive Bladder Cancer With Susceptible *FGFR* Alterations

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<https://www.congresshub.com/Oncology/AUA2024/TAR-210/Li>

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Disclosures

- Dr Li has served as a scientific advisor/consultant for BMS, Merck, Ferring, Fergene, ArquerDiagnostics, Urogen Pharma, CG Oncology, and Lucence; has served on the clinical trial protocol committee for CG Oncology; has received research support from Predicine, Veracyte, CG Oncology, and Valar Labs

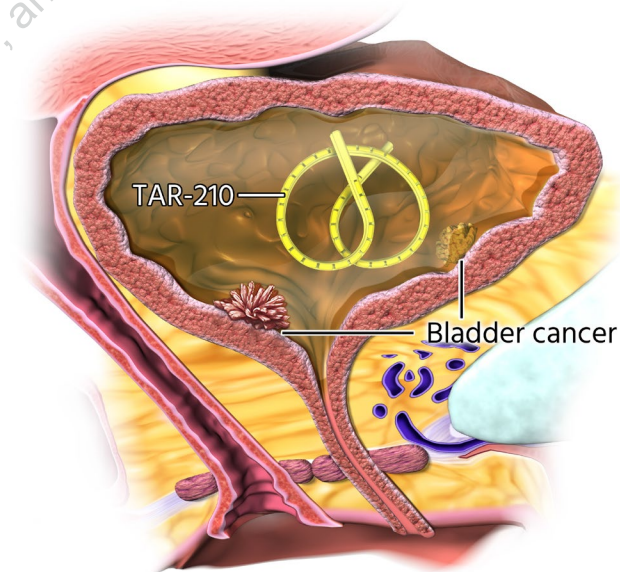
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TAR-210 is a Novel Intravesical Targeted Releasing System Designed to Deliver Erdafitinib for Patients With Bladder Cancer

- Despite available treatment options for patients with IR NMIBC, recurrence rates remain high, underscoring the need for effective therapies¹
- *FGFR* alterations are prevalent in ~50% to 80% of low-grade NMIBC and may function as oncogenic drivers²⁻⁴
- **Erdafitinib** is a selective pan-FGFR tyrosine kinase inhibitor⁵
 - Oral erdafitinib (Balversa®) is approved in the United States to treat adults with locally advanced or mUC with susceptible *FGFR3* alterations following progression on or after at least 1 prior systemic treatment, with additional approvals across geographies⁶⁻⁹
- Oral erdafitinib demonstrated clinical efficacy in HR and IR NMIBC populations, but was limited by challenging systemic toxicities¹⁰⁻¹²
 - In an interim analysis of THOR-2 Cohort 3, 15/18 patients with *FGFR*-altered IR NMIBC had CR (83%) with median DOR of 12.8 months¹³

TAR-210 is a novel targeted releasing system designed for sustained local delivery of erdafitinib over 3 months in the bladder

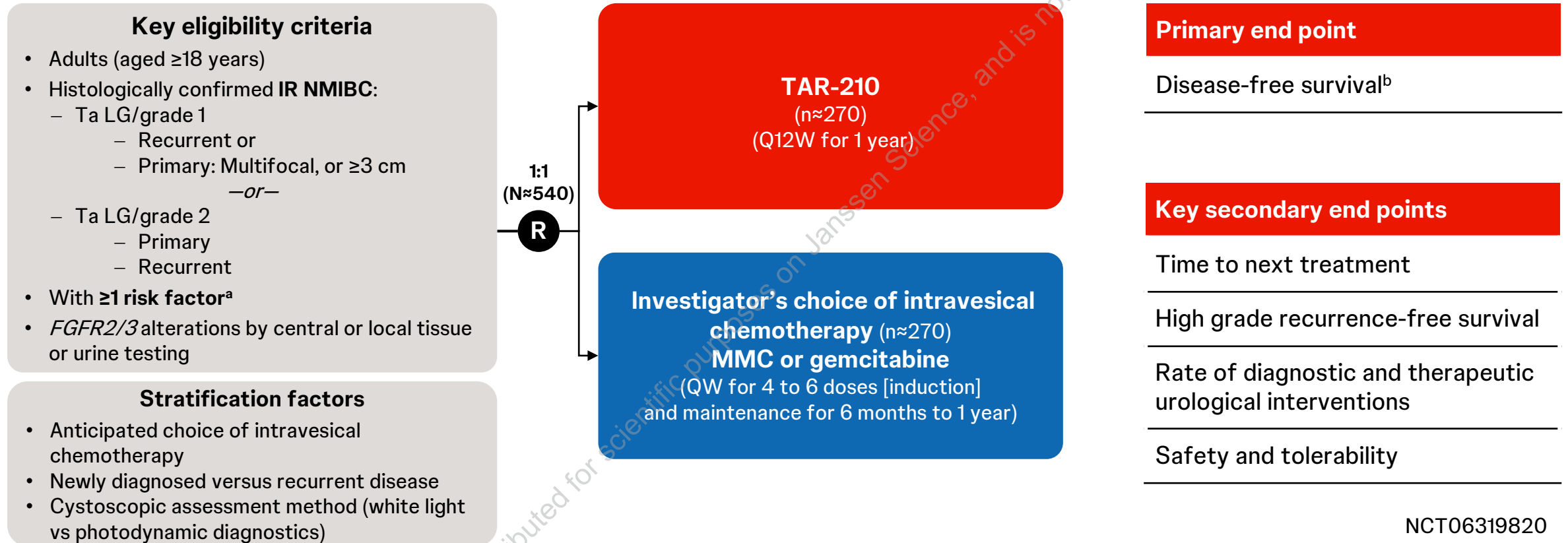


TAR-210 is inserted into the bladder through a dedicated urinary placement catheter and removed via cystoscopy.

In a first-in-human study, TAR-210 was well tolerated with promising clinical activity in *FGFR*-altered **HR NMIBC (RFS rate: 82%)** and **IR NMIBC (CR rate: 87%)**.¹⁴ Updated data will be presented later today.¹⁵



MoonRISe-1: An Open-Label, Multicenter, Randomized Phase 3 Study to Evaluate Efficacy and Safety of TAR-210 Versus Intravesical Chemotherapy in Patients With *FGFR*-altered, Low-Grade Intermediate Risk NMIBC



- All visible papillary disease must be fully resected prior to randomization
- Assessments of recurrence or progression include urine cytology, cystoscopy, for cause TURBT or biopsy of bladder lesions, ultrasound, and urography
- The follow-up phase for patients meeting the primary endpoint is up to ≈ 5 years

LG, low grade; MMC, mitomycin C; QW, every week; Q12W, every 12 weeks; R, randomized; TURBT, transurethral resection of bladder tumor.

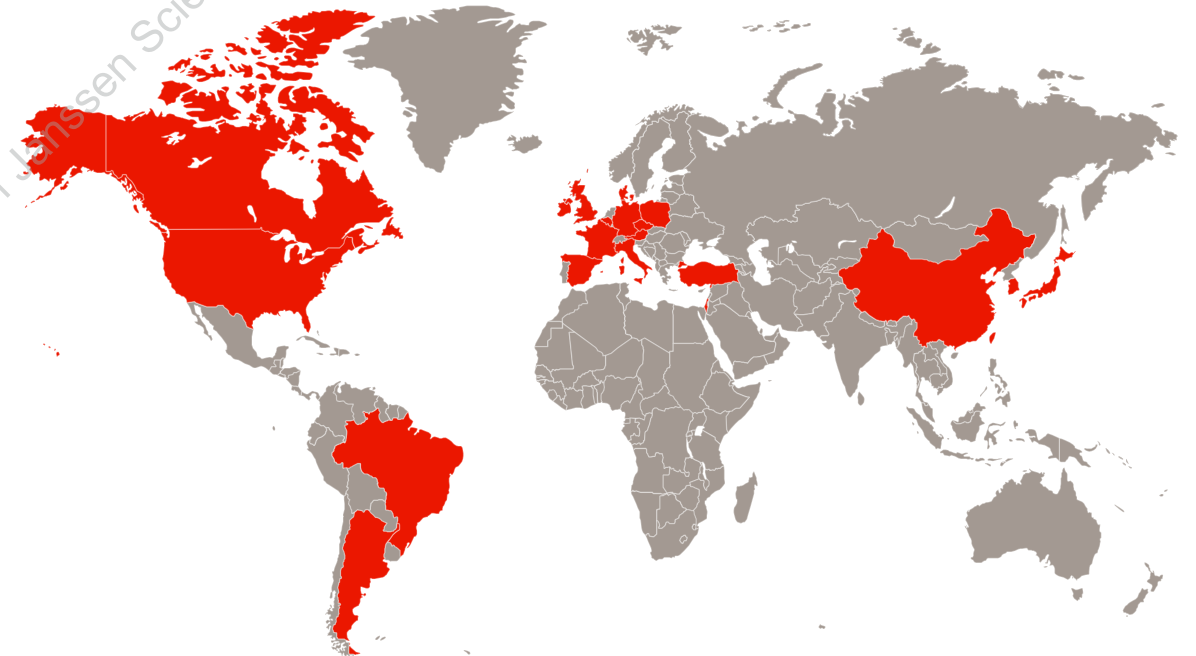
^aRisk factors include multiple Ta LG tumors, tumors >3 cm, early (≤ 1 year) recurrence, frequent (>1 per year) recurrences, or recurrence after intravesical chemotherapy. ^bDisease-free survival defined as time from randomization to first documented recurrence of any-grade NMIBC, disease progression, or death from any cause, whichever occurs first.



Global Enrollment for MoonRISe-1

- The MoonRISe-1 study opened for enrollment on April 10, 2024
- Recruitment is planned at 200 sites
 - As of April 29, enrollment is open at 7 sites in the United States and 1 in Israel, with 5 patients in molecular screening

Enrollment is planned at 200 sites in 20 countries across 4 continents



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Acknowledgments

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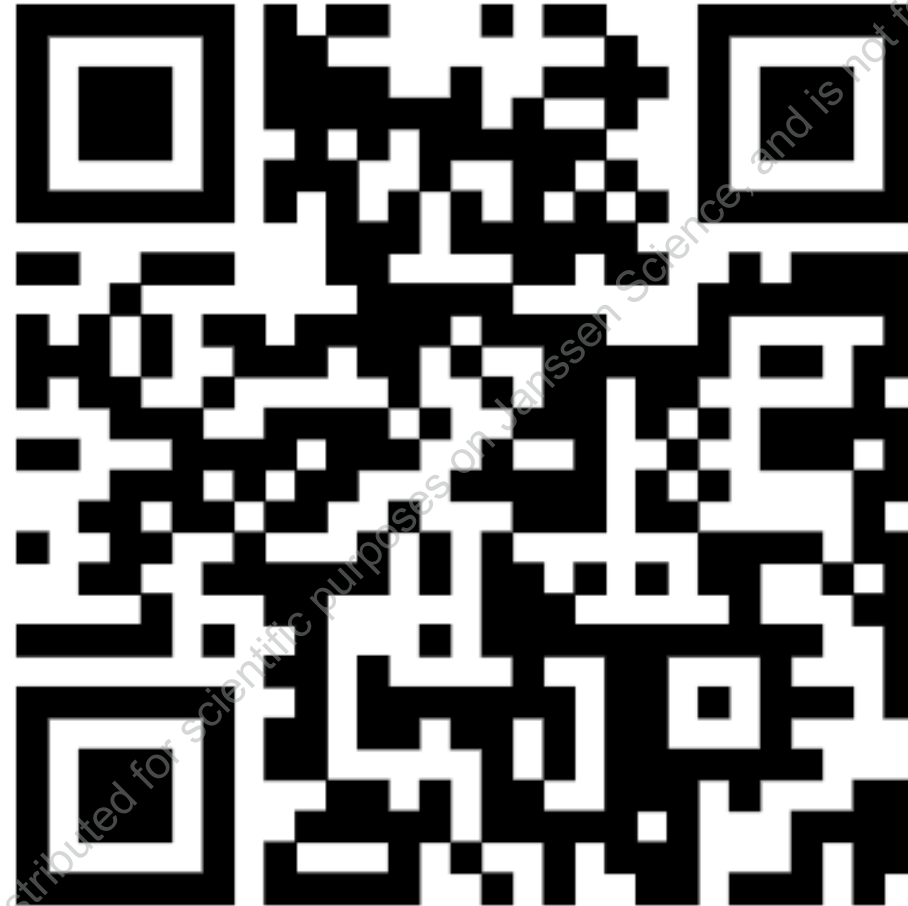
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Vilaseca A, et al. First-in-human Study of TAR-210 Erdafitinib Intravesical Delivery System In Patients With Non–Muscle-Invasive Bladder Cancer With Select *FGFR* Alterations

AUA #PD48-02

Sunday, 1:10 pm (304A)

Poster and Podium Sessions – PD48: Bladder Cancer: Non-invasive III



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