



Enanta
Pharmaceuticals
Great Chemistry Cures

Zelicapavir Update

June 18, 2026



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Enanta Overview



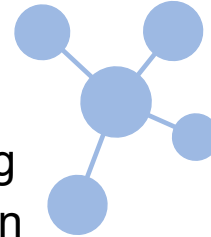
Clinical-stage biotechnology company dedicated to creating **small molecule drugs for virology & immunology indications**

Founded: **1995**

Public: **2013**

WHOLLY OWNED PROGRAMS **4** Clinical-stage **2** Preclinical

All compounds discovered in house, leveraging **deep expertise** in **medicinal chemistry, drug discovery & development**



STRONG CASH POSITION

- Ongoing HCV royalties
- **\$227M in cash** at March 31, 2026



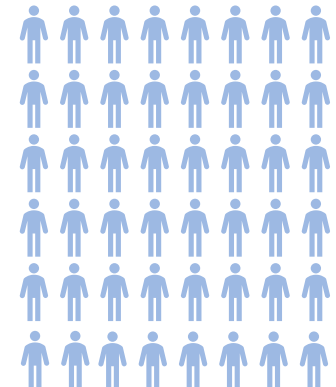
viekira pak[®]
ombitasvir, paritaprevir and ritonavir tablets; dasabuvir tablets

MAVYRET[™]
glecaprevir/pibrentasvir
100 mg/40 mg tablets



MAVIRET[™]
glecaprevir/pibrentasvir

2 products approved with **abbvie**

CURED
>1 million patients
with Hepatitis C Virus



Enanta Pipeline

	DISEASE	TARGET	DISCOVERY	PRECLINICAL	PHASE 1	PHASE 2	PHASE 3	MARKET	
Virology: Liver	Hepatitis C Virus	Protease	Glecaprevir*						
Virology: Respiratory	Respiratory Syncytial Virus	N-Protein	Zelicapavir			<i>High-Risk Adults</i>			
		L-Protein	Zelicapavir			<i>Pediatrics</i>			
	COVID-19	3CL Protease	EDP-323			<i>(challenge study)</i>			
	COVID-19	3CL Protease	EDP-235**			<i>SPRINT</i>			
Immunology: Type 2 Immune Diseases***	Chronic Spontaneous Urticaria (CSU)	KIT	EDP-978						
	Atopic Dermatitis (AD)	STAT6	EPS-3903						
	CSU/AD	MRGPRX2							

*Fixed-dose antiviral combination contains glecaprevir and AbbVie's NS5A inhibitor, pibrentasvir. Marketed by AbbVie as MAVYRET® (U.S.) and MAVIRET® (ex-U.S.).

**Continued development dependent on a future collaboration.

***Initial indications. Potential future indications include Asthma, Chronic Inducible Urticaria (CIndU), Eosinophilic Esophagitis (EoE); Prurigo Nodularis (PN), Migraine and others.

Zelicapavir RSV Treatment Opportunity Summary

First-in-Disease Asset

- Enanta pioneering development with zelicapavir, a potential **first-in-disease RSV treatment**
- **First direct-acting therapeutic to demonstrate efficacy** in adults at high risk for severe RSV
- **Resolved symptoms ~7 days faster** and **reduced hospitalization by 66%** (Phase 2b)

Path to Approval

- **Single Phase 2b/3** is a registrational path in high-risk adults
- Primary endpoint: **Complete resolution of symptoms** as measured by RiiQ™
- **Registrational development** to start 4Q 2026 with **Phase 2b results expected 2027**
 - Additional expansion opportunities in pediatrics and other high risk adult populations

Addresses Significant Unmet Need

- Despite preventatives, treatments needed as RSV is a major disease burden causing **3.6m – 6.8m outpatient visits** and **190k – 370k hospitalizations** each year in the US¹
- Potential **addressable population of >3 million patients** in the US; with an **RSV market potential of up to ~\$3.5B²**

1. During the 10/2024-9/2025 season per CDC <https://www.cdc.gov/rsv/php/surveillance/burden-estimates.html>

2. Assumes patient numbers and pricing in the year 2026

Respiratory Syncytial Virus: Disease Overview & Market Opportunity



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Respiratory Syncytial Virus (RSV)



Causes severe lung infections, including bronchiolitis (infection of small airways in the lungs) and pneumonia. No safe and effective treatments are currently approved.

RSV Burden Estimates¹ (2024 - 2025 U.S.)



Outpatient visits

up to 6.8M



Hospitalizations

up to 370K



Deaths

up to 24K

Populations at higher risk for severe illness

- Pediatrics (infants and young children)
- High-risk adults (e.g.; >65 yrs, COPD, asthma, CHF)
- Immunocompromised (e.g.; HIV, transplant)

Significant Unmet Need for Antivirals

- Adult vaccines have sub-optimal adoption
 - Not recommended for all FDA-approved patient groups
 - Vaccine adoption for elderly: ~35% (shingles²) to <50% (flu³)
- Pediatric prophylaxis only provides passive immunity; will shift first infection to next season
 - Antibody approach has a low barrier to resistance
- Breakthrough infections can occur despite prophylaxis

1. [CDC Preliminary Estimates of RSV Burden for 2024-2025](#); for period: 9/29/24-9/27/25 2. Terlizzi EP et al. [NCHS Data Brief](#). 2020; Age 60+ 3. [CDC Influenza Vaccination Coverage, Adults 65+](#)

Physicians Report High Unmet Need for RSV, Driven by Lack of Treatment

Average Unmet Need

(Average rating on a 7-point scale where 1= no unmet need and 7= extremely high unmet need)



Unmet Need

- Physicians desire an **efficacious** and **indicated** treatment that **curtails the progression of disease, decreases symptom severity, and minimizes duration of illness**
 - An ideal treatment would be **given early, similar to PAXLOVID® and TAMIFLU®**
- ER and hospital physicians particularly note desire for a treatment to **decrease the length of stay**, yet note **minimal side effects** is an important trade-off consideration
- Currently available **prevention lowers** rating down from extremely high



There really is no anti-viral treatment for RSV. It may require a visit to the ER or hospital, that's really frustrating."

– Non-hospital Pediatrician



A lot of patients respond with symptomatic management but there's not much else for those who don't. We're kind of stuck and don't have true satisfaction for RSV treatment."

– Hospital Pediatrician



I'm pretty satisfied with supportive care but its not a treatment. We don't have antiviral medication for RSV – that is the greatest unmet need."

– Non-hospital Pediatrician



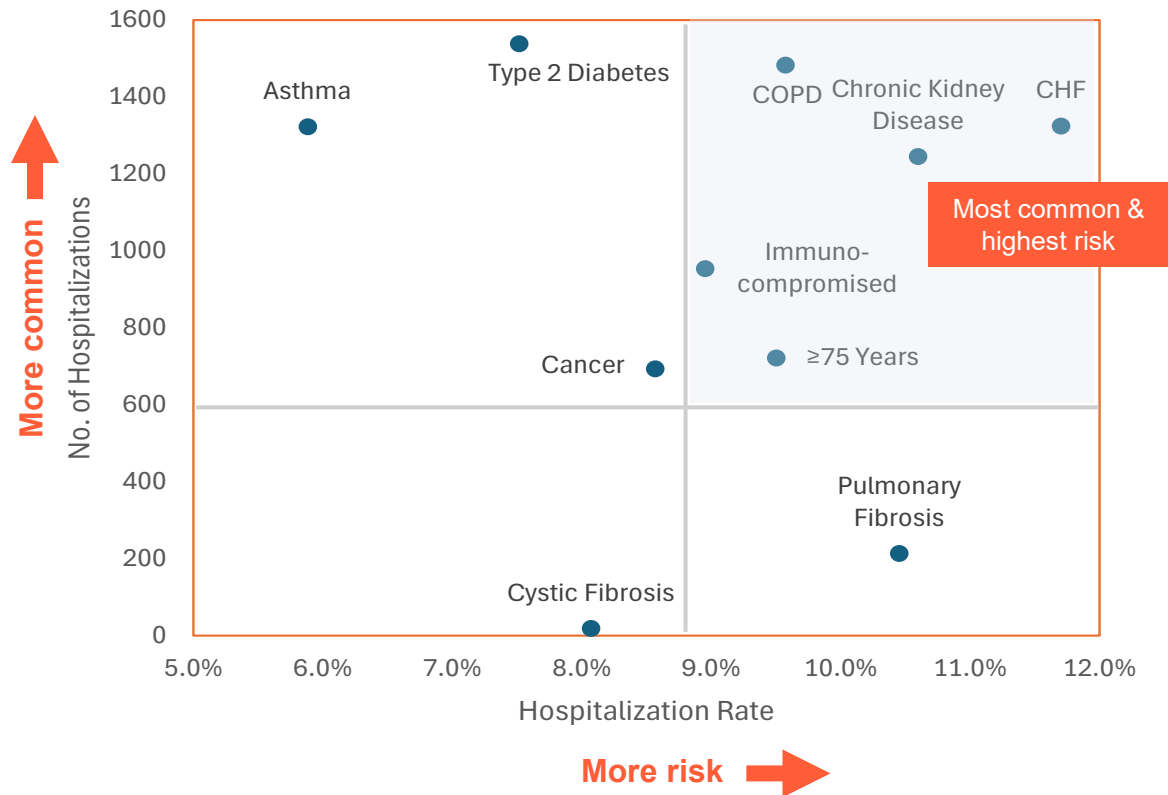
It would be nice if there was something like Paxlovid or Tamiflu. Something that can be taken early and reduce risk of symptoms"

– Hospital Internal Medicine / Pulmonologist

Epidemiology: RSV Infections in the US Adult Population

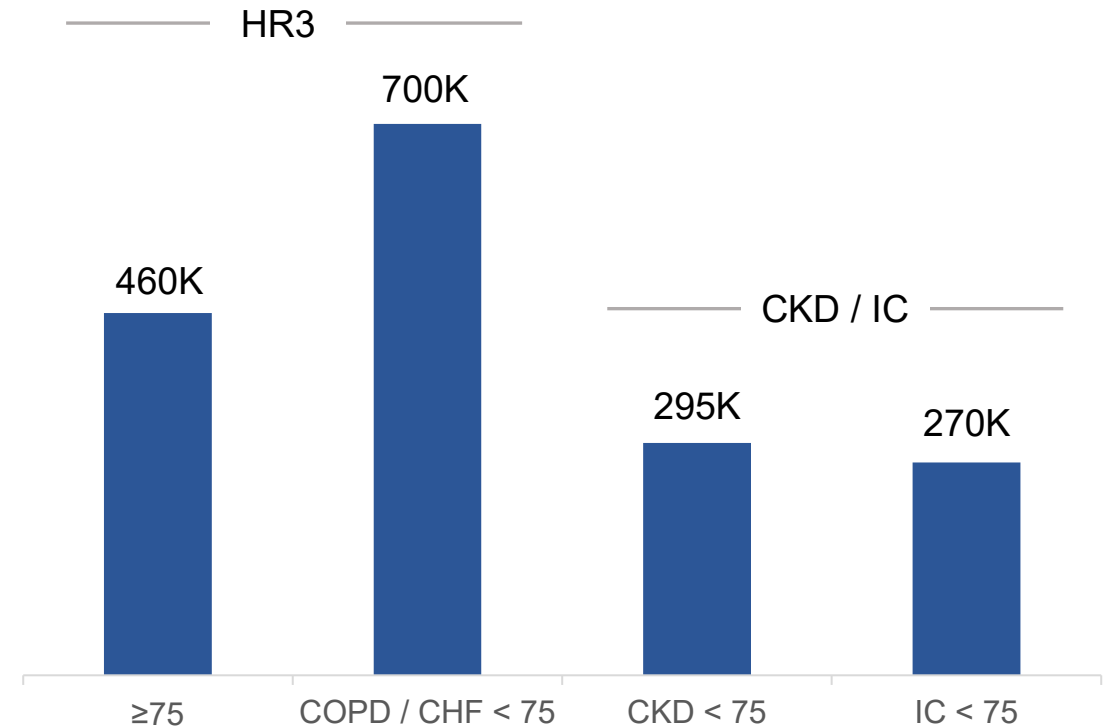
At Least 1.2 Million “HR3” Adults at High Risk for Severe RSV

Most prevalent and highest risk for hospitalization



Data from ~67,000 outpatient RSV infections that led to hospitalizations across the US¹

~1.2M addressable high-risk “HR3” adult RSV outpatients
Additional ~0.6M CKD and IC patients



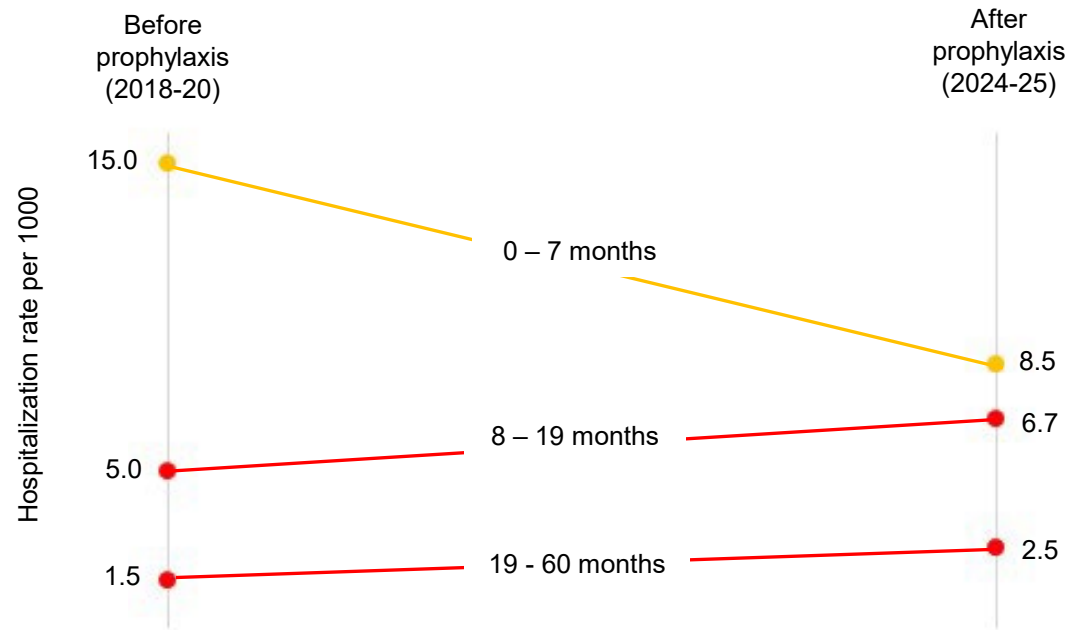
3.25M total adult RSV outpatient & emergency department visits²; estimate of adults <75 yrs: 26% with COPD / CHF, 11% with CKD, 10% with IC¹ adjusted for 35% co-morbidity overlap³. Assumes impact of vaccines higher in age 75+ (10%) than COPD / CHF / CKD / IC < 75 (2%)

CHF: Congestive Heart Failure; COPD: Chronic Obstructive Pulmonary Disease; HR3: Patients with CHF, COPD, or age ≥75; IC: Immunocompromised CKD: Chronic Kidney Disease
1. Landi, SN et al. *JAMA Netw Open.* 2024 2. McLaughlin JM et al. *Open Forum Infect Dis.* 2022 3. Horn EK et al. *Influenza Other Respir Viruses.* 2025

Epidemiology: RSV Infections in the US Pediatric Population

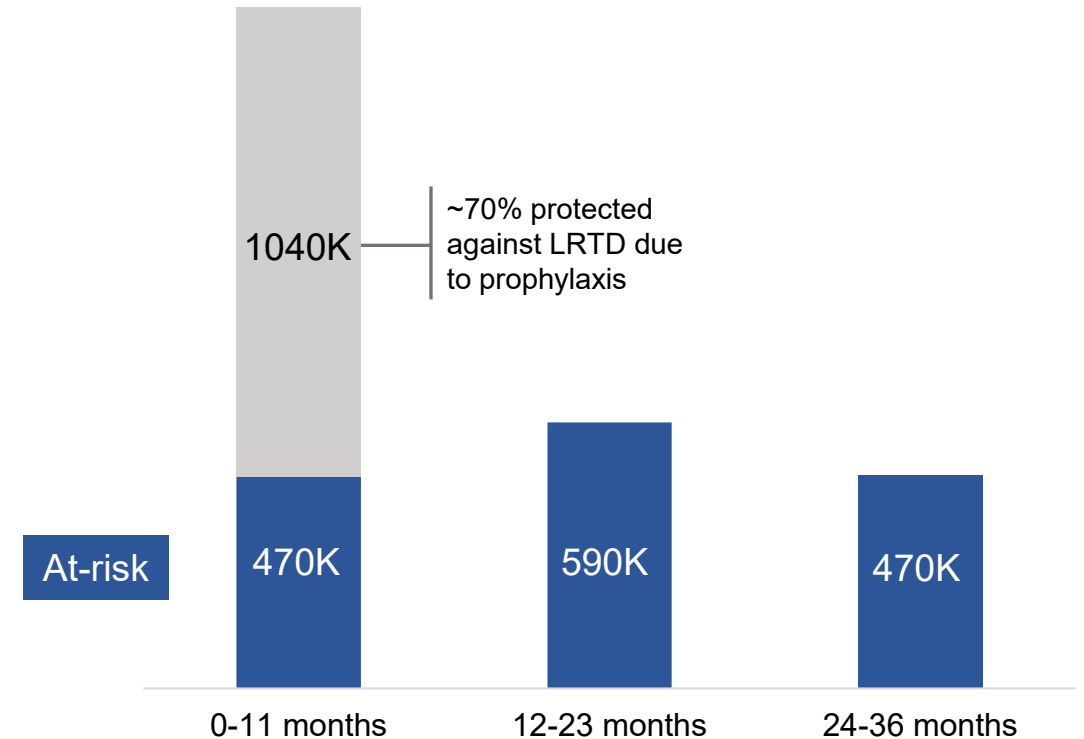
~1.5 Million Pediatrics at High Risk for Severe RSV

Despite RSV prophylaxis¹:
Hospitalizations still occur in eligible population (0-7 mo)
Passive protection may shift events to subsequent seasons (8-60 mo)



US RSV-NET ~15,000 hospitalizations

~1.5M at-risk addressable pediatric RSV outpatients



Based on ~2.1m RSV outpatient and emergency department visits for ages 0 - 2 years before prophylaxis².
Assumptions: incidence age 24-36 mo 20% less than age 12-23 mo; 90% adoption of infant mAb/maternal vaccine with protection rates against RSV LRTD higher for mAb (~90%) than vaccine (~60%)^{3,4}

LRTD: Lower Respiratory Tract Disease. RSV-NET: Respiratory Syncytial Virus Hospitalization Surveillance Network
1. Patton ME et al. *MMWR*. 2025. 2. Lively JY et al. *J of the Pediatric Infect Dis Soci* 2019 3. Hsiao et al. *Pediatrics*. 2025 4. *ABRYSVO USPI*

Rapid At-Home RSV Tests Now Widely Available: Increase RSV Diagnosis & Enable a Test-to-Treat Model

Combination Respiratory Viral Tests Now Available

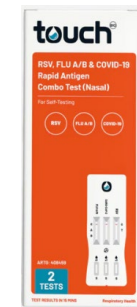
- Self-test for RSV, FluA/B and COVID (1st FDA approval in 2025)
- Quick results ~15 mins, appropriate for pediatrics and adults

Commercially available tests
in major markets



Dual Benefit

- Potential to accelerate patient enrollment in clinical trials
- Increase in RSV diagnosis drives expanded commercial opportunity
 - 70% of US adults would test at home if they suspected COVID-19 in post-pandemic era¹
 - >2-times more likely to test if they have risk factors (increasing age, declining health status)



1. Fisher et al. *JAMA Network Open*. 2025.

Payers Recognize High RSV Disease Burden and Unmet Need, with Limited Management for Antivirals

Limited Pricing Pressure on Antivirals



- **Declining payer focus on respiratory viral infections:** post-pandemic & availability of prophylactics
- Respiratory antivirals have **limited management** as a “rapid-access” category given strong public benefit & potential downstream infection complications

Zelicapavir Viewed Positively by Payers, Addressing RSV Disease Burden



- Payers recognize **high disease burden** and **unmet need** for high-risk RSV patients
- Surveyed payers believe that **zelicapavir’s data package would justify pharmacy coverage**
- **Restrictions**, if any, are **dependent on pricing**

“

*Typically we manage respiratory therapies with quantity limits... Due to the acute nature of the treatment and **needed to start in a time-sensitive manner, you're not seeing a lot of PAs in place.** Paxlovid is covered preferred brand here with the quantity limits. Tamiflu preferred generic with the quantity limit.”*

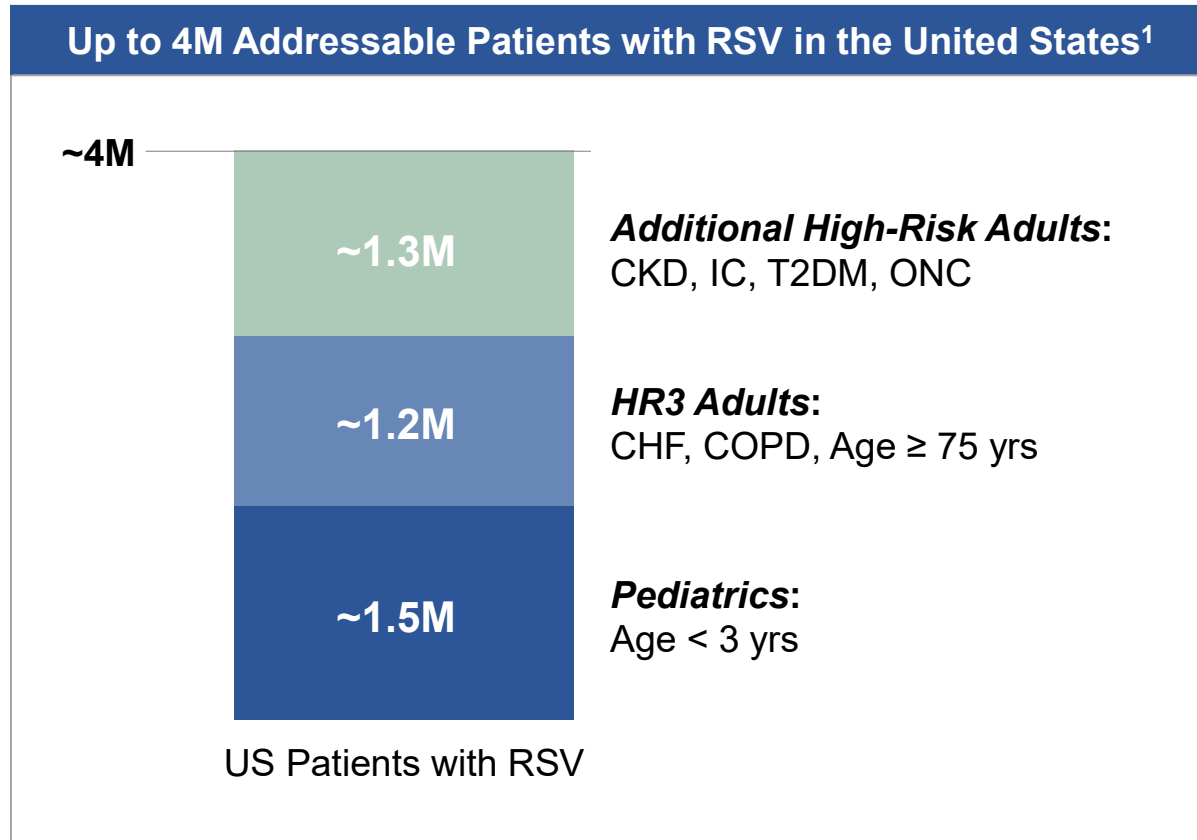
– IDN

“

*Among adults, the **elderly** and those with **chronic conditions** such as COPD or congestive heart failure face a **higher RSV disease burden** than healthier adults, with more severe symptoms and a greater risk of hospitalization.”*

– PBM

Multi-Billion Dollar Global Market Opportunity for an RSV Antiviral



Multi-Billion \$ Global Revenue Potential²

~\$2.6B–3.5B

- Additional High-Risk Adults
 - HR3 Adults
 - Pediatrics
- } ~\$1.8B–2.4B

CHF: Congestive Heart Failure, CKD: Chronic Kidney Disease, COPD: Chronic Obstructive Pulmonary Disease, HR: High Risk; IC: Immunocompromised, ONC: Oncology, T2DM: Type 2 Diabetes Mellitus

1. Addressable patients based on outpatient visits adjusted for: anticipated adoption & efficacy of RSV vaccination/prophylaxis; presence of selected comorbidities for adults. Pediatrics: [Lively JY et al. J Pediatr Infect Dis Soc 2019](#); [Hsiao A et al. Pediatrics. 2025](#); [ABRYSVO USPI](#) Adults: [Landi SN et al. JAMA Netw Open. 2024](#); [Horn EK et al. Influenza Other Respir Viruses. 2025](#); [McLaughlin JM et al. Open Forum Infect Dis. 2022](#)

2. Peak sales forecast (2035); Based on primary market research and Enanta internal modeling that accounts for diagnosis, treatment and prescription fill rates.

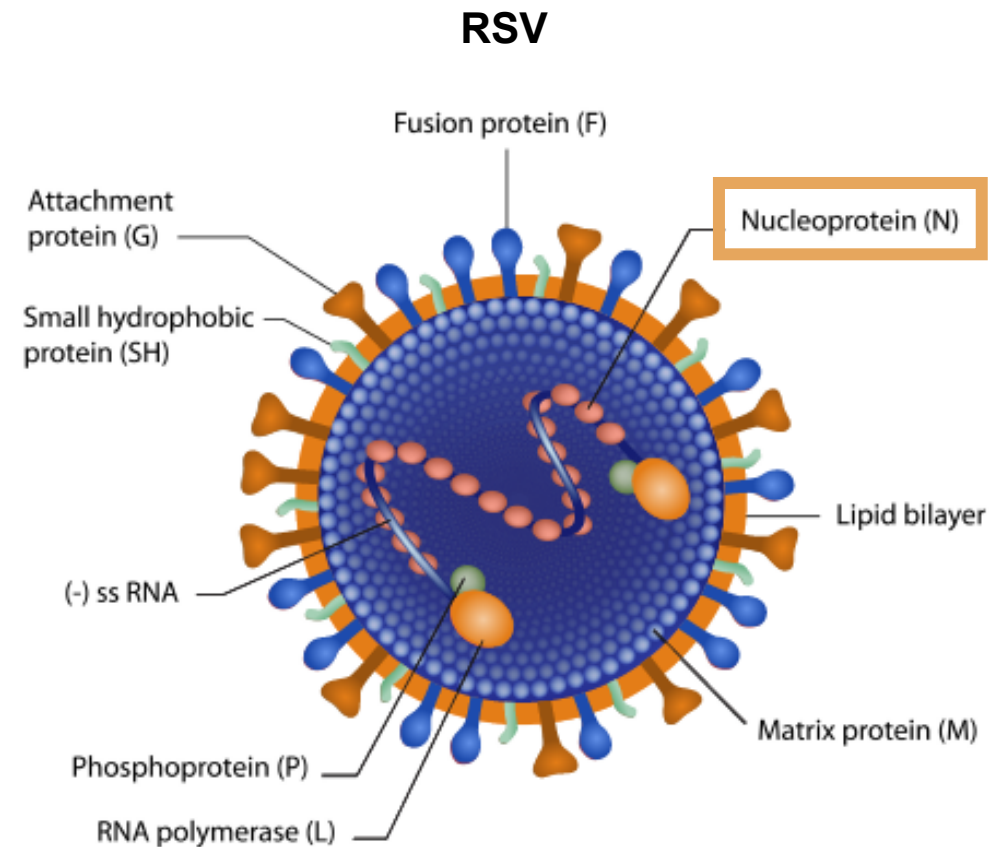
Zelicapavir: Clinical Overview & Development Path



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Zelicapavir (EDP-938): N-Protein Inhibitor for RSV

- Only N-inhibitor in clinical development for RSV
 - Replication inhibitor: shuts down the production of new virions (vs. fusion inhibitors which block viral entry)
- Granted Fast Track designation by the FDA
- Strong preclinical profile
 - Nanomolar potency against RSV-A and RSV-B
 - Antiviral potency across all clinical isolates tested
 - High barrier to resistance
 - Synergistic activity and no cross-resistance with other drug mechanisms (e.g. L-inhibitors)
- Favorable safety and efficacy profile in clinical studies
 - Challenge study showed statistically significant ($p < 0.001$) reduction in viral load and clinical symptoms
 - High barrier to the development of clinical resistance
 - Well-tolerated in more than 700 people dosed



RSV Development Goal:

Treatment for Patients at High-Risk for Severe RSV Infection

Leading portfolio of RSV replication inhibitors with potential for first-in-disease (zelicapavir) and best-in-disease (EDP-323) treatments and ability for combination

Zelicapavir High-Risk Adult Phase 2b Study

Age ≥ 65 years

Chronic heart or lung disease
(e.g. COPD, CHF, asthma)

✓ Positive Phase 2b Results

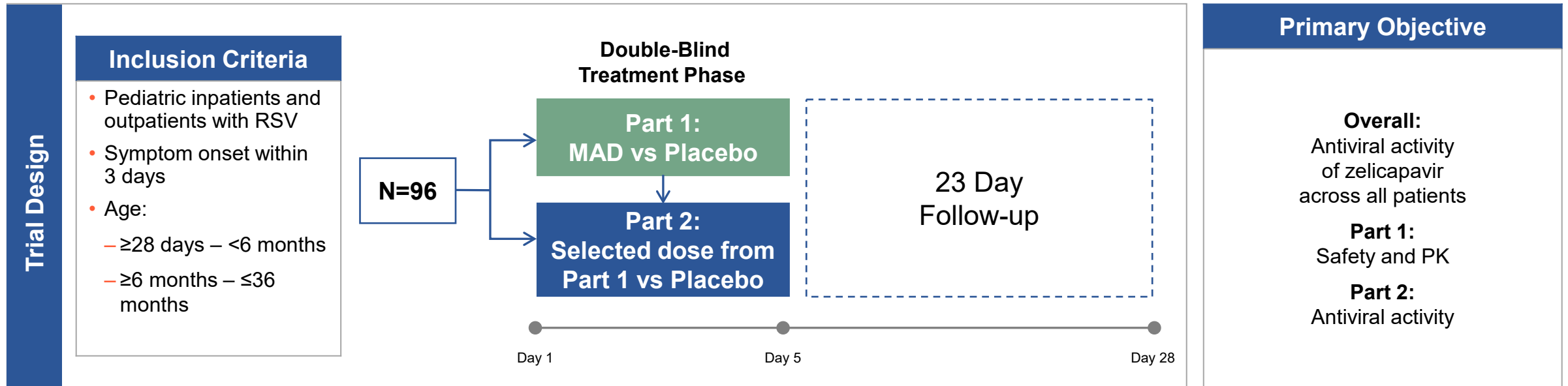
Zelicapavir Pediatric Phase 2 Study

Infants and young children

✓ Positive Phase 2 Results

High-risk populations have reduced RSV immunity, resulting in a higher and longer duration of viral load and greater disease severity

Zelicapavir Pediatric Program: First-in-Pediatric Phase 2 Study Design



First zelicapavir pediatric study: safety, dose selection, and virology

Zelicapavir Pediatric Program: First-in-Pediatric Phase 2 Study Summary

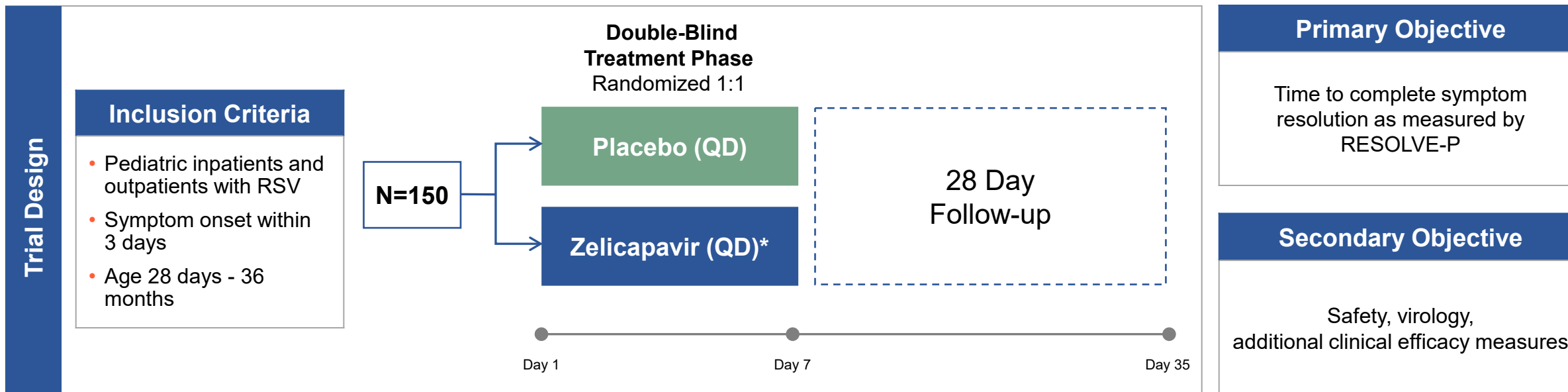
- Well-tolerated, with favorable safety profile
 - No adverse events leading to treatment discontinuation or study withdrawal
- Antiviral effect observed for the primary and secondary virology endpoints in overall population
- Viral load decline of 1.4 log at the end of treatment in Part 2
- Viral load decline of 1.2 log at Day 5 observed in prespecified subset of patients randomized within 3 days of symptom onset
- RSV Signs/Symptoms
 - ReSViNET: Reduced the time to complete symptom resolution by 1.6 days and 3.7 days
 - RESOLVE-P: Trend toward greater sign/symptom reduction with zelicapavir in a small dataset

Primary Objectives of Study

- ✓ **Overall:** Antiviral activity of zelicapavir across all patients
- ✓ **Part 1:** Safety and PK
- ✓ **Part 2:** Antiviral activity

Data support further clinical development of zelicapavir in pediatrics

Zelicapavir Pediatric Program: Phase 2b Study Design

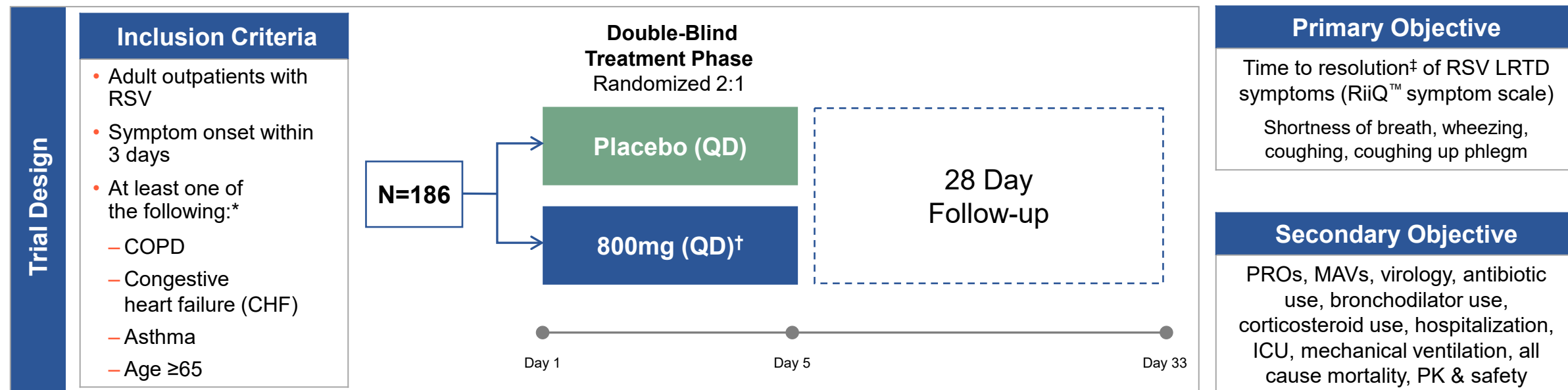


Study to start in 3Q 2026; Phase 2b topline data in 2027

*Doses are 5mg/kg for <12 months old; 7.5mg/kg for ≥12 months old

QD: once-daily; RESOLVE-P: RESpiratory ObservabLE Reported Outcome-Pediatric; Enanta's proprietary ObsRO © 2026 Enanta Pharmaceuticals, Inc. All rights reserved.

Zelicapavir High-Risk Adult Program: Phase 2b Study Design



- **HR3 = ~80% of the population with CHF, COPD, or age ≥ 75**

First proof-of-concept Phase 2 high-risk adult outpatient study with positive clinical signal

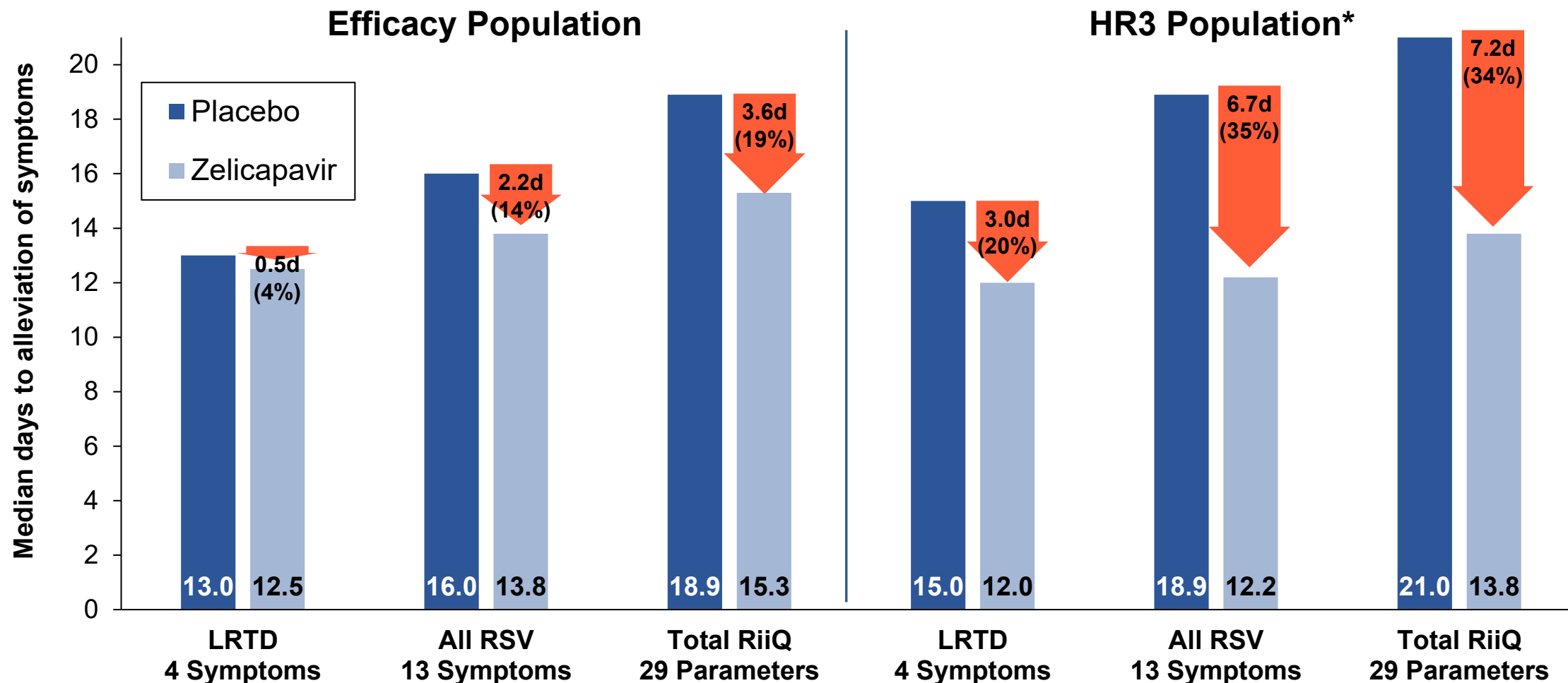
COPD: Chronic Obstructive Pulmonary Disease; LRTD: Lower respiratory Tract Disease; PROs: Patient Reported Outcomes; MAVs: Medically Attended Visits; ICU: Intensive Care Unit; PK: Pharmacokinetics; QD: Once-daily

^{*}Proportion of patients aged 65-74 years or those with asthma capped at 20% of the total population; [†]Equivalent to 600mg suspension dosage form used in challenge study; [‡]Resolution: all symptoms mild or absent

Zelicapavir Phase 2b High-Risk Adult Study

Faster Time to Complete Symptom Resolution by RiiQ™

Industry's first proof-of-concept demonstrated in high-risk adult outpatients



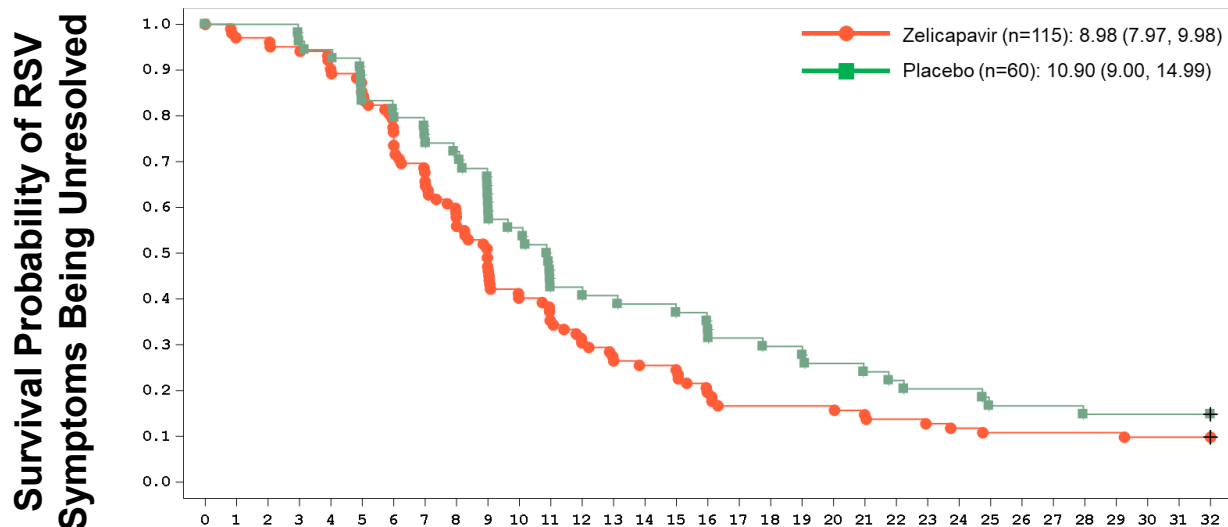
*HR3 Population = Patients with CHF, COPD, or age ≥75 ; LRTD = lower respiratory tract disease

Zelicapavir Phase 2b High-Risk Adult Study

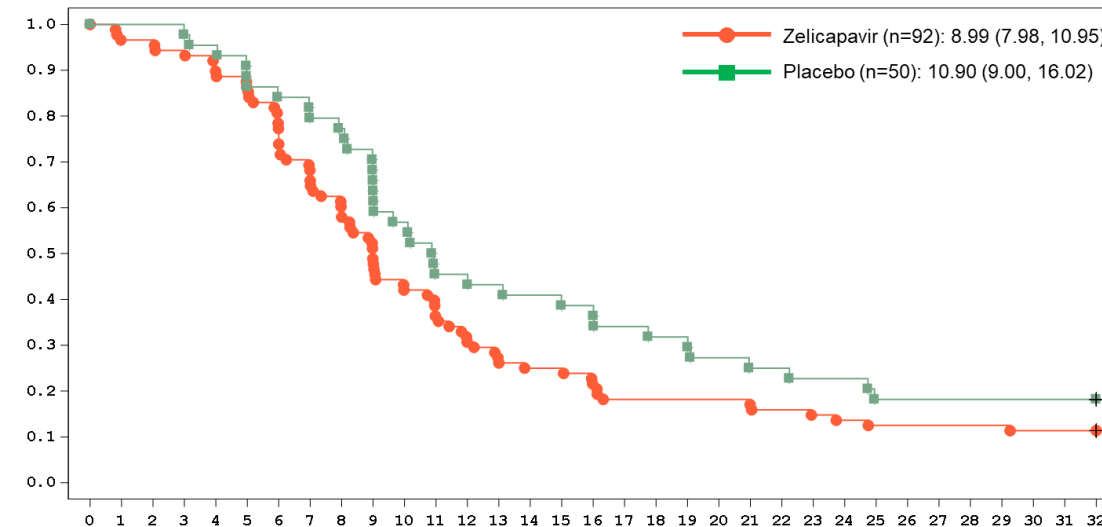
Faster Time to Symptom Resolution by PGI-S

- Statistically significant 2-day faster symptom resolution by PGI-S compared to placebo

Efficacy Population (p=0.0446)



HR3 Population (p=0.0465)



Time Since First Dose (days)

PGI-S: Patient Global Impression of Severity: "In the past 24 hours, what was the severity of your overall RSV-related symptoms at their worst?"
HR3 Population: Patients with CHF, COPD, or age ≥ 75

Zelicapavir Phase 2b High-Risk Adult Study

Hospitalization and Death Endpoints

- Lower hospitalization rate for patients treated with zelicapavir

	Placebo	Zelicapavir
All-cause hospitalizations	5.0% (3/60)	1.7% (2/115)
RSV-associated hospitalizations (blinded investigator attribution)	5.0% (3/60)	0% (0/115)

- One death on placebo; no deaths on zelicapavir

Zelicapavir Phase 2b High-Risk Adult Study

Conclusions

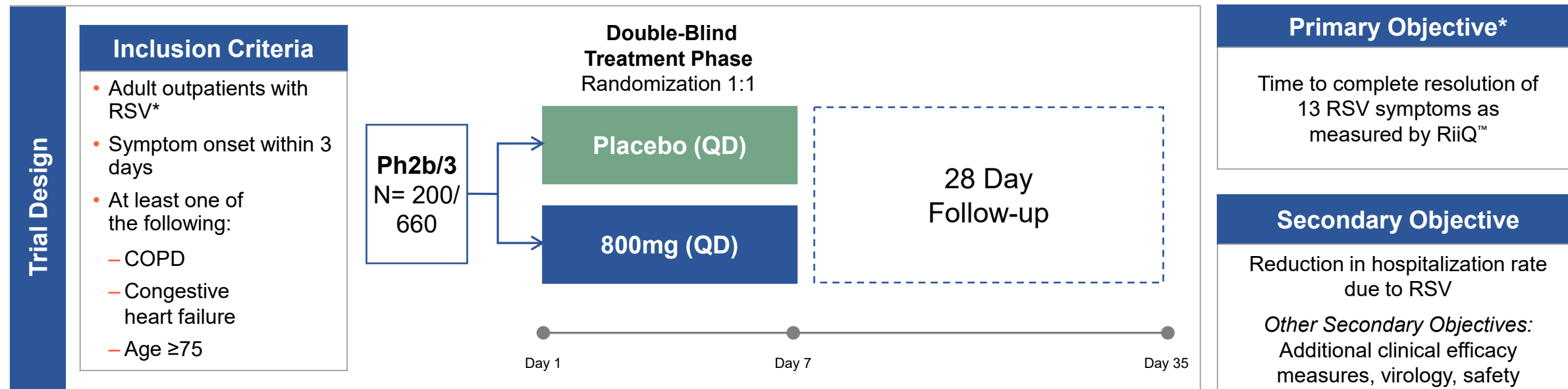
- Zelicapavir demonstrated compelling results on multiple clinically meaningful & potential registrational endpoints measuring different aspects of RSV disease
 - ✓ Up to one week improvement in complete RiiQ™ symptom resolution
 - ✓ Statistically significant improvement in PGI-S
 - ✓ Lower hospitalization rate
- Robust antiviral effect
- Well tolerated, with a favorable safety profile

Data support advancing zelicapavir into registrational development

Zelicapavir Phase 2b/3 Study Elements

Element	Outcome
Registrational Path	Single Phase 2b/3 Study
Primary endpoint	Time to complete resolution of all 13 RSV symptoms as measured RiiQ™
Study population	Adult outpatients with CHF, COPD or 75 years or older (HR3)
Primary analysis set	MITT of unvaccinated patients, vaccinated patients (10%) would be included in a separate supportive ITT analysis
Sample size	860
Dosing duration	800 mg of zelicapavir per day for 7 days

Zelicapavir High-Risk Adult (HR3) Program: Phase 2b/3 Global Registrational Study Design



Study to start in 4Q 2026; Phase 2b data in 2027 to confirm endpoints and sizing

* Patients who have received an RSV vaccine are capped at 10%; Primary endpoint is on MITT of unvaccinated patients (vaccinated patients included in a separate supportive ITT analysis)
COPD: Chronic Obstructive Pulmonary Disease; PGI-S: Patient Global Impression of Severity; QD: Once-daily; RiiQ: Respiratory Infection Intensity and Impact Questionnaire

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- Potential **addressable population of >3 million patients** in the US; with an **RSV market potential of up to ~\$3.5B²**

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2. Assumes patient numbers and pricing in the year 2026

Enanta RSV Portfolio Enables Sustained Leadership Position

Designed to Address Broad Unmet Medical Needs

First-in-Disease

Zelicapavir

Best-in-Disease / Expansion

EDP-323

- Goal is to treat all high-risk patient populations (in/out-patients)
 - Pediatric patients (28 days – 3 years)
 - HR3 Adults: ≥ 75 years old, COPD, CHF
 - Chronic kidney disease, immunocompromised, diabetes, cancer
- Possibility to develop as a preventative
 - Post-exposure prophylaxis for all populations
 - Pre-exposure prophylaxis for immunocompromised
- Potential to provide additional benefit in harder to treat patients (e.g. severely immunocompromised, etc) with a combination treatment



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