



**The first and only FDA-approved therapy to treat recurrent respiratory papillomatosis (RRP) in adults.**

# Discover a treatment option for RRP

***Not an actual patient.***

## **What is PAPZIMEOS?**

PAPZIMEOS is a type of immunotherapy used to treat a condition called recurrent respiratory papillomatosis (RRP) in adults.

## **IMPORTANT SAFETY INFORMATION**

### **What is the most important information I should know about PAPZIMEOS?**

Some people may have a reaction to the shot. Signs and symptoms may include redness, pain, swelling, itching, or warmth where the shot was given. After your first treatment, your healthcare provider will watch you for at least 30 minutes to make sure you're feeling okay.

Please contact your doctor immediately if you develop an infection, the reaction to your shot worsens, or you experience any of the below symptoms, which may indicate a systemic allergic reaction:

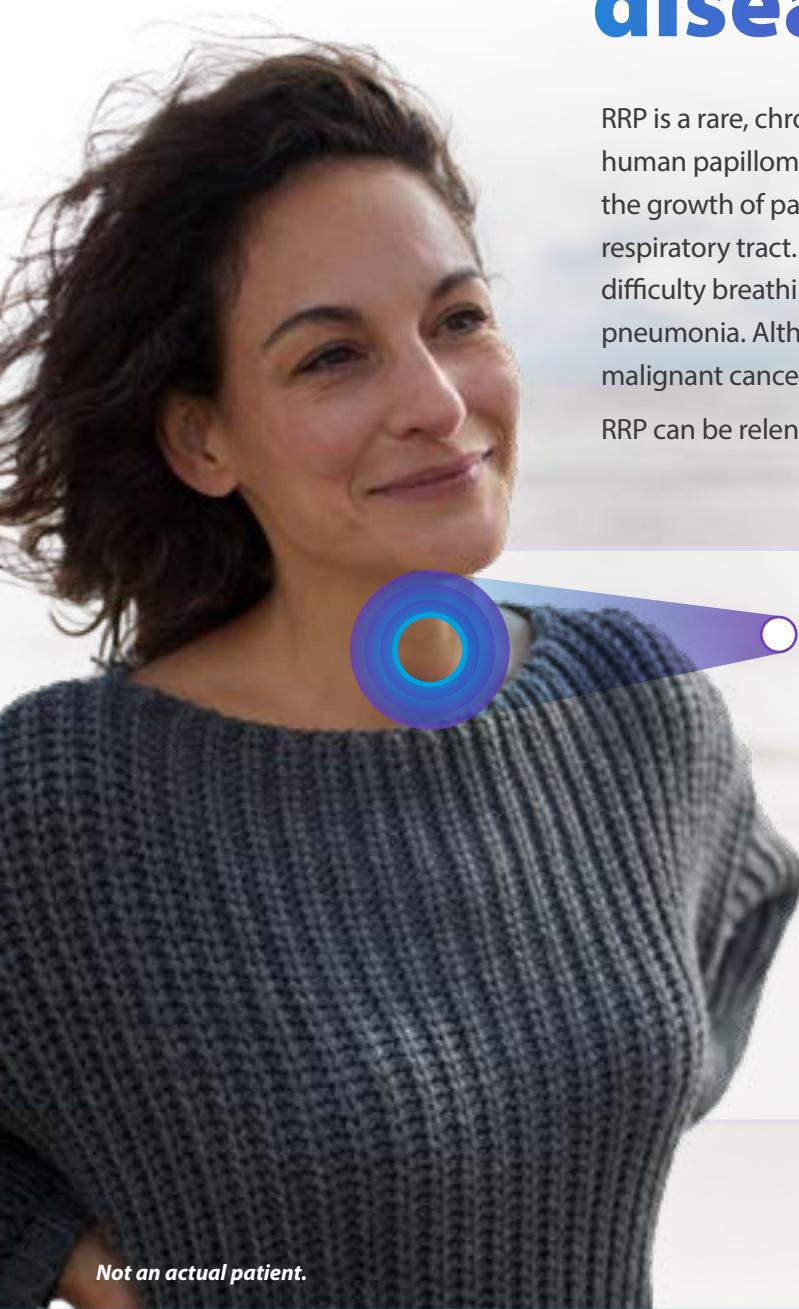
- Difficulty breathing
- Widespread rash
- Facial swelling

Thrombotic events (blood clots that block your blood vessels) may occur after your PAPZIMEOS shot. Please notify your doctor immediately if you have the following symptoms:

<ul style="list-style-type: none"><li>• Shortness of breath</li><li>• Chest pain</li><li>• Leg swelling</li></ul>	<ul style="list-style-type: none"><li>• Persistent abdominal pain</li><li>• Severe or persistent headaches</li><li>• Blurred vision</li></ul>
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**Please see additional Important Safety Information on page 4 and full Prescribing Information.**

# RRP can be a debilitating disease.



RRP is a rare, chronic condition primarily caused by a viral infection with human papillomavirus (HPV), HPV 6 or HPV 11. RRP is characterized by the growth of papillomas, or wart-like growths, in the upper and lower respiratory tract. These growths can lead to severe voice disturbance, difficulty breathing and swallowing, and frequent episodes of pneumonia. Although rare, RRP has the potential to transform into malignant cancer.

RRP can be relentless. And the cycle of surgeries can be ongoing.

## ○ **Surgery has long been the primary treatment for RRP.**

However, while surgery can remove the papillomas and ease the symptoms of RRP, it may provide only temporary relief. This is because surgery does not treat the root cause of RRP, which is the underlying HPV infection.

This means that the papillomas may grow back again and the symptoms may reappear, requiring repeated surgeries over time. **Adult patients with RRP undergo an average of 13.5 surgeries.**

***Not an actual patient.***

## **Select Important Safety Information**

### **What should I know before taking PAPZIMEOS?**

Before taking PAPZIMEOS, tell your healthcare provider about all of your medical conditions, including:

- If you are pregnant or plan to become pregnant because it is not known if PAPZIMEOS will harm the unborn baby.
- If you are breastfeeding or plan to breastfeed. It is unknown if PAPZIMEOS is present in breast milk, or how it affects the breastfeeding child or milk production. Talk to your healthcare provider about the best way to feed your baby during treatment with PAPZIMEOS.

**Please see additional Important Safety Information on page 4 and full [Prescribing Information](#).**

**Papzimeos™**  
zopapogenem imadenovec-drba  
For subcutaneous injection  $5 \times 10^{11}$  PU/ml

# Welcome to a treatment that targets the root cause of RRP.

PAPZIMEOS is a prescription medication used to treat adults with RRP. PAPZIMEOS is designed to help the body create an immune response against papilloma cells infected with HPV 6 or HPV 11.

**In a clinical trial, PAPZIMEOS was shown to reduce the number of surgeries for RRP in some patients.**

Over a 1-year period:

**51%**  
(18 OUT OF 35)

OF PATIENTS WHO WERE TREATED WITH  
PAPZIMEOS HAD A COMPLETE RESPONSE  
AND DID NOT NEED SURGERY

**PAPZIMEOS complete responses were durable at 2 years.**

**15 out of 18 complete responders**

**DID NOT NEED SURGERY FOR 2 YEARS  
AFTER TREATMENT WITH PAPZIMEOS**

## Potential side effects of PAPZIMEOS

The most common side effects include\*:

• Pain, redness, or swelling where the shot was given	• Fever	• Increased heart rate
• Feeling tired	• Muscle aches	• Diarrhea
• Chills	• Nausea (feeling sick)	• Vomiting
	• Headache	• Sweating a lot

\*Safety evaluation included all 38 people studied who received PAPZIMEOS. 35 patients in the clinical study received the recommended dose of PAPZIMEOS.

## Select Important Safety Information

### What are the most common side effects of PAPZIMEOS?

The most common side effects include:

• Pain, redness, or swelling where the shot was given	• Fever	• Increased heart rate
• Feeling tired	• Muscle aches	• Diarrhea
• Chills	• Nausea (feeling sick)	• Vomiting
	• Headache	• Sweating a lot

These are not all of the possible side effects of PAPZIMEOS. Call your healthcare provider for medical advice about side effects. You are encouraged to report negative side effects of prescription drugs to the FDA. Visit [www.fda.gov/medwatch](http://www.fda.gov/medwatch), or call 1-800-FDA-1088. You may also report side effects to Precigen, Inc. at 1-855-PGE-NRRP (1-855-743-6777).

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zopapogen® imadenovec-drba  
For subcutaneous injection  $5 \times 10^{11}$  PU/mL

**PAPZIMEOS is for subcutaneous injection only. You receive 4 doses over the course of 12 weeks.\***



The second administration should occur no less than 11 days after the initial administration.

\*Before your first dose, you will need to have a surgical procedure to remove any papillomas. Your doctor may consider an additional procedure to remove any papillomas before the third and fourth dose. Please ask your doctor if you have any questions about treatment.



## Talk to your doctor about PAPZIMEOS.

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#### What are the most common side effects of PAPZIMEOS?

The most common side effects include:

• Pain, redness, or swelling where the shot was given	• Nausea (feeling sick)
• Feeling tired	• Headache
• Chills	• Increased heart rate
• Fever	• Diarrhea
• Muscle aches	• Vomiting
	• Sweating a lot

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