Finally, a Clear Picture in Conjunctivitis Cases

Know Your Enemy

AdenoPlus™
An RPS Diagnostic Solution

A rapid, in-office test for Adenoviral conjunctivitis
Adenovirus: A Growing Presence in the Eye Care Community

Adenovirus is highly contagious
- Adenovirus has a transmissible infection rate of up to 50% between close contacts
  - Infected individuals are contagious for up to 3 weeks
  - Adenovirus can live on an inanimate surface for 4-5 weeks

Adenovirus is associated with high morbidity
- Unlike bacterial conjunctivitis, which is usually self-limiting, Adenoviral conjunctivitis is associated with significant morbidity such as:
  - Decreased visual acuity or light sensitivity from persistent subepithelial infiltrates
  - Chronic epiphora from lacrimal drainage problems
  - Visual loss from conjunctival foreshortening and symblepharon formation

Misdiagnosis of Adenovirus can lead to serious consequences
- Misdiagnosis can lead to further spread of infection
- Up to 95% of physicians will prescribe antibiotics for all cases of acute conjunctivitis even though they are ineffective against the viral form of the infection
- Inappropriate antibiotic use leads to increased antibiotic resistance
Adenovirus is nearly impossible to diagnose using only signs and symptoms.

Viral, bacterial and allergic forms of conjunctivitis manifest similar symptoms\textsuperscript{3,10,11}

Introducing AdenoPlus\textsuperscript{TM}—

a fast, easy and accurate way to differentially diagnose Adenoviral conjunctivitis

- Remarkably accurate:\textsuperscript{*}
  *compared with cell culture

- Rapid: results in just 10 minutes

- Easy-to-use: four simple steps

- Cost effective: single-use test with no ancillary equipment needed

- CLIA-waived in the U.S.: can be performed by nurses, technicians, or any medical office personnel

- Reimbursable in the U.S.: CPT 87809QW

"The RPS Adeno Detector for the first time, makes the rapid, specific, and sensitive diagnosis of Adenoviral infection simple, inexpensive, and practical..."\textsuperscript{4}

- Herbert E. Kaufman, MD (Current Opinion in Ophthalmology)

"The rapid diagnosis of Adenoviral conjunctivitis represent[s] a significant public health achievement..."\textsuperscript{5}

- Shachar Tauber, MD (Topics in Ocular Antiinfectives)
This Easy-to-Use Test Makes Financial Sense for You & Your Patients

Four simple steps

1. **Take a sample**
2. **Assemble the detector**
3. **Run the test**
4. **Read and interpret**

Better diagnostic tools lead to better outcomes

The following professional clinical guidelines suggest testing for Adenovirus and a simple course of action depending on the test outcome:

- American Academy of Ophthalmology
- American Academy of Pediatrics
- American College of Physicians

**If test is POSITIVE:**
- Isolate patient, educate about hand washing and hygiene to prevent spread of infection
- Consider anti-viral therapy or preservative-free artificial tears to ease symptoms

**If test is NEGATIVE:**
- Consider topical antibiotics or other treatments if bacterial infection is present
- Patient can return to work within 24-48 hours

A practice building tool

- Reimbursable in the U.S.: CPT 87809QW
- Does not require the purchase of any capital equipment
- Increases patient satisfaction

AdenoPlus saves healthcare costs

**Average Cost of Acute Conjunctivitis**

<table>
<thead>
<tr>
<th>Diagnosis using AdenoPlus</th>
<th>$40.25/patient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Empiric diagnosis (no in-office test)</td>
<td>$111.56/patient</td>
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Using AdenoPlus as a standard of care would:

- Save the U.S. healthcare system over $400 million annually
- Eliminate inappropriate antibiotic use in over 1 million U.S. patients
- Reduce the number of repeat office visits due to the misdiagnosis of Adenovirus, which is clinically indistinguishable from other forms of conjunctivitis

“Through the use of a rapid point-of-care test for Adenovirus, much of the cost to society caused by acute conjunctivitis can be avoided through more timely and accurate diagnosis...”

Belinda L. Udeh, PhD (The American Journal of Medical Science)

Important: see package insert, including QC section, for complete instructions for use, precautions and study results.

• American Academy of Ophthalmology
• American Academy of Pediatrics
• American College of Physicians

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AN RPS Diagnostic Solution

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Confidence in Conjunctivitis Patients

- **Highly accurate:** differentiates Adenovirus from other forms of conjunctivitis
  - Sensitivity = 90%
  - Specificity = 96%

- **Rapid:** results in just 10 minutes

- **Easy-to-use:** four simple steps

- **Cost effective:** single-use test with no ancillary equipment needed

- **CLIA-waived in the U.S.:** can be performed by nurses, technicians, or any medical office personnel

- **Reimbursable in the U.S.:** CPT 87809QW

For Clarity in Your Conjunctivitis Cases Call +1-941-556-1850, Visit RPSdetectors.com or Email info@RPSdetectors.com