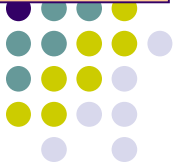


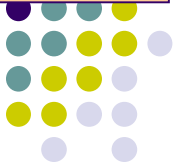
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- Also known as *hay-fever conjunctivitis*



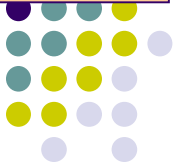
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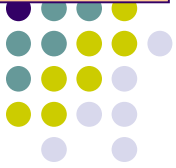
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- Occurs year-round



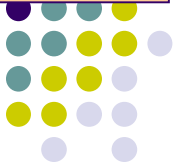
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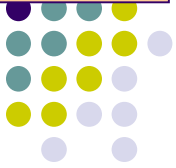
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- Occurs year-round **PAC**
- Chief symptom is *itching*



For each of the following, state whether it is associated with *Seasonal Allergic Conjunctivitis (SAC)*, *Perennial Allergic Conjunctivitis (PAC)*, *Neither* or *Both*

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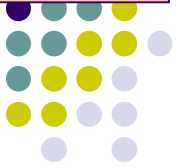
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Rule of thumb:

--If the pt reports itching >> burning, think SAC/PAC

--If the pt reports burning >> itching, think



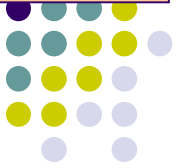
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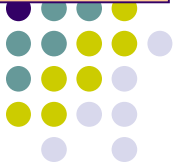
--If the pt reports itching >> burning, think SAC/PAC

--If the pt reports burning >> itching, think **dry eye syndrome**



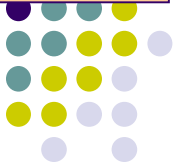
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- Also known as *hay-fever conjunctivitis* **SAC**
- Occurs year-round **PAC**
- Chief symptom is *itching* **Both**
- Is an IgE-mediated hypersensitivity reaction



For each of the following, state whether it is associated with *Seasonal Allergic Conjunctivitis (SAC)*, *Perennial Allergic Conjunctivitis (PAC)*, *Neither* or *Both*

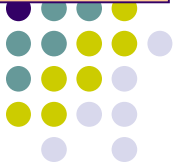
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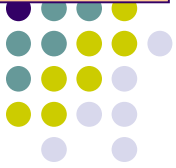
Which type of hypersensitivity reaction (ie, I-IV) are SAC and PAC?



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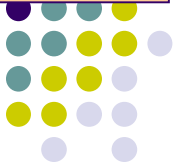
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Which type of hypersensitivity reaction (ie, I-IV) are SAC and PAC?
Type I



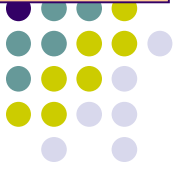
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- Chief symptom is *itching* **Both**
- Is an IgE-mediated hypersensitivity reaction **Both**
- The allergen is usually airborne



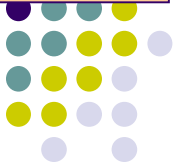
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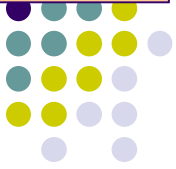
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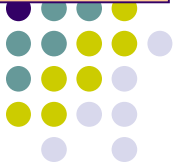
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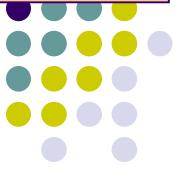
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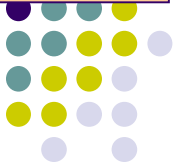
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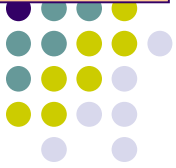
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- Is often sight-threatening in its sequelae



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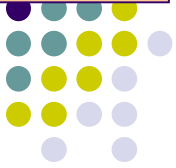
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- ~~Is often~~ sight-threatening in its sequelae ?

Which form of allergic surface disease is notorious for its sight-threatening sequelae?



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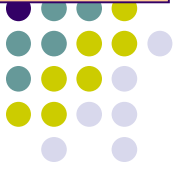
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- ~~Is often~~ sight-threatening in its sequelae **AKC**

Which form of allergic surface disease **is** notorious for its sight-threatening sequelae?
Atopic keratoconjunctivitis (AKC)



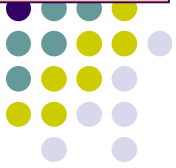
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- Is often sight-threatening in its sequelae **Neither**
- Mast-cell degranulation → itch, edema and hyperemia



For each of the following, state whether it is associated with *Seasonal Allergic Conjunctivitis (SAC)*, *Perennial Allergic Conjunctivitis (PAC)*, *Neither* or *Both*

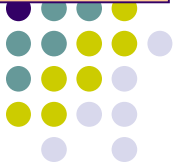
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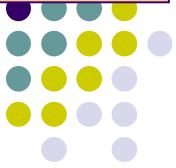
What is the chief inflammatory mediator released by the degranulating mast cells?



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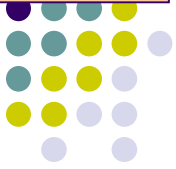
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What is the chief inflammatory mediator released by the degranulating mast cells?
Histamine



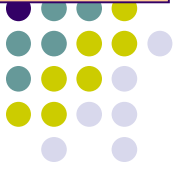
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- Mast-cell degranulation → itch, edema and hyperemia **Both**
- Topical steroids are the mainstay of treatment



For each of the following, state whether it is associated with *Seasonal Allergic Conjunctivitis (SAC)*, *Perennial Allergic Conjunctivitis (PAC)*, *Neither* or *Both*

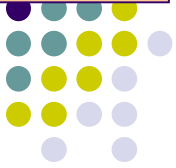
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Why are steroids not the mainstay of treatment?

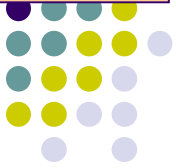


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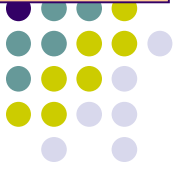
Why are steroids not the mainstay of treatment?

Because of their side effects (cataracts, elevated IOP, etc)



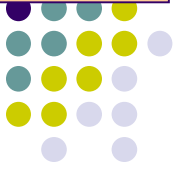
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- Topical steroids are the mainstay of treatment **Neither**
- T-cells play an important role in pathogenesis



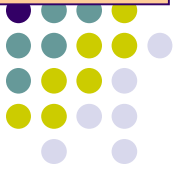
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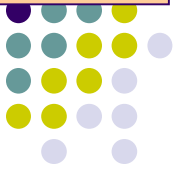
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- Asthma is a common co-morbidity



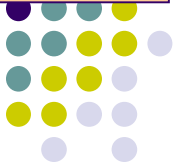
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- Tree, grass and weed pollen are typical allergens **SAC**
- Animal dander, dust mites, mold are typical allergens **PAC**
- Is often sight-threatening in its sequelae **Neither**
- Mast-cell degranulation → itch, edema and hyperemia **Both**
- Topical steroids are the mainstay of treatment **Neither**
- T-cells play an important role in pathogenesis **Neither**
- Asthma is a common co-morbidity **SAC**



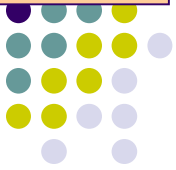
For each of the following, state whether it is associated with *Seasonal Allergic Conjunctivitis (SAC)*, *Perennial Allergic Conjunctivitis (PAC)*, *Neither* or *Both*

- Also known as *hay-fever conjunctivitis* **SAC**
- Occurs year-round **PAC**
- Chief symptom is *itching* **Both**
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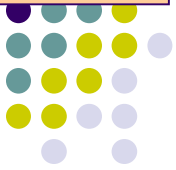
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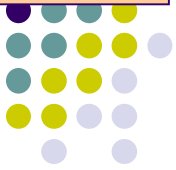
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- Allergic rhinitis is a common co-morbidity **SAC**
- Artificial tears can help reduce symptoms



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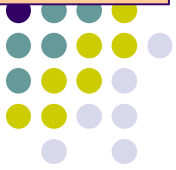
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How do ATs help control symptoms?



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How do ATs help control symptoms?

By washing allergens off of the ocular surface

