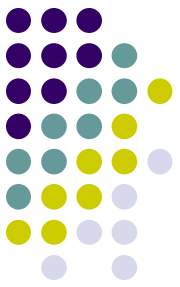


Q

*Restasis*

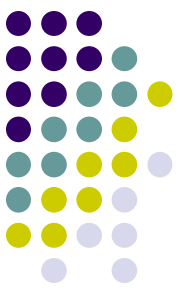
- *What is Restasis?*



# A

*Restasis*

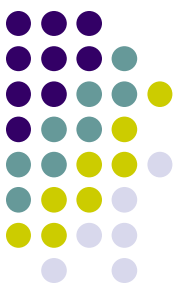
- *What is Restasis?* Topical cyclosporine



Q

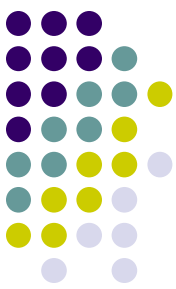
## Restasis

- *What is Restasis?* Topical cyclosporine
- *Broadly speaking, what sort of drug is it?*



# A

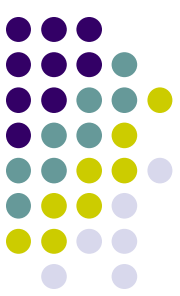
## Restasis



- *What is Restasis?* Topical cyclosporine
- *Broadly speaking, what sort of drug is it?*  
An immunomodulatory drug

Q

## Restasis



- *What is Restasis?* Topical cyclosporine
- *Broadly speaking, what sort of drug is it? What effect does it have?* An immunomodulatory drug

# A

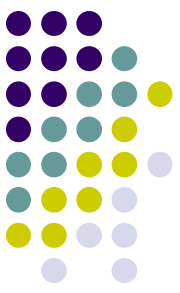
## Restasis



- *What is Restasis?* Topical cyclosporine
- *Broadly speaking, what sort of drug is it? What effect does it have?* An immunomodulatory drug. It downregulates T-cell-mediated inflammation.

# Q

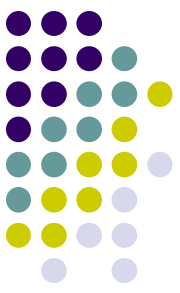
## Restasis



- *What is Restasis?* Topical cyclosporine
- *Broadly speaking, what sort of drug is it? What effect does it have?* An immunomodulatory drug. It downregulates T-cell-mediated inflammation.
- *How long does it take to work?*

# A

## Restasis

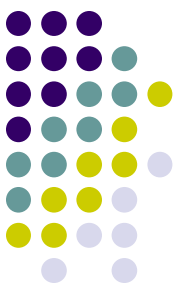


- *What is Restasis?* Topical cyclosporine
- *Broadly speaking, what sort of drug is it? What effect does it have?* An immunomodulatory drug. It downregulates T-cell-mediated inflammation.
- *How long does it take to work?* At least 3 months (often 6 months for full effect)



# Q

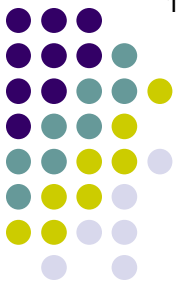
## Restasis



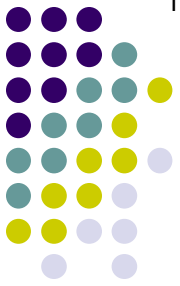
- *What is Restasis?* Topical cyclosporine
- *Broadly speaking, what sort of drug is it? What effect does it have?* An immunomodulatory drug. It downregulates T-cell-mediated inflammation.
- *How long does it take to work?* At least 3 months (often 6 months for full effect)
- *Why so long?*

# A

## Restasis

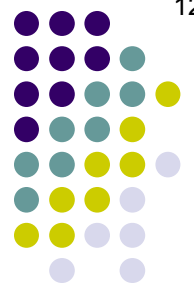


- *What is Restasis?* Topical cyclosporine
- *Broadly speaking, what sort of drug is it? What effect does it have?* An immunomodulatory drug. It downregulates T-cell-mediated inflammation.
- *How long does it take to work?* At least 3 months (often 6 months for full effect)
- *Why so long?* Probably related to the length of the T-cell life cycle (about 120 days)



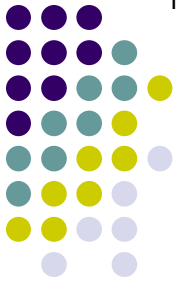
## *Restasis vs Steroids: The good news...*

|                        | Prednisolone acetate 1% | Restasis |
|------------------------|-------------------------|----------|
| <i>Cataractogenic?</i> |                         |          |
|                        |                         |          |
|                        |                         |          |
|                        |                         |          |
|                        |                         |          |



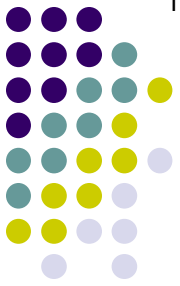
### *Restasis vs Steroids: The good news...*

|                 | Prednisolone acetate 1% | Restasis |
|-----------------|-------------------------|----------|
| Cataractogenic? | Yes                     | No       |
|                 |                         |          |
|                 |                         |          |
|                 |                         |          |
|                 |                         |          |

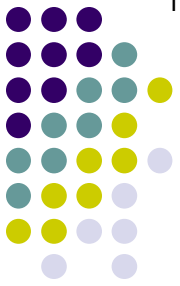


## *Restasis vs Steroids: The good news...*

|                                     | Prednisolone acetate 1% | Restasis  |
|-------------------------------------|-------------------------|-----------|
| <i>Cataractogenic?</i>              | <b>Yes</b>              | <b>No</b> |
| <i>Inhibits epithelial healing?</i> |                         |           |
|                                     |                         |           |
|                                     |                         |           |
|                                     |                         |           |

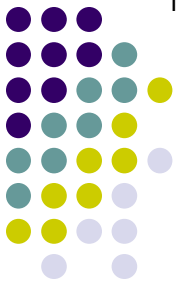
***Restasis vs Steroids: The good news...***

|                                     | Prednisolone acetate 1% | Restasis  |
|-------------------------------------|-------------------------|-----------|
| <i>Cataractogenic?</i>              | <b>Yes</b>              | <b>No</b> |
| <i>Inhibits epithelial healing?</i> | <b>Yes</b>              | <b>No</b> |
|                                     |                         |           |
|                                     |                         |           |
|                                     |                         |           |



## *Restasis vs Steroids: The good news...*

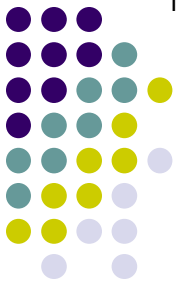
|                                     | Prednisolone acetate 1% | Restasis  |
|-------------------------------------|-------------------------|-----------|
| <i>Cataractogenic?</i>              | <b>Yes</b>              | <b>No</b> |
| <i>Inhibits epithelial healing?</i> | <b>Yes</b>              | <b>No</b> |
| <i>Glaucomagenic?</i>               |                         |           |
|                                     |                         |           |
|                                     |                         |           |



### *Restasis vs Steroids: The good news...*

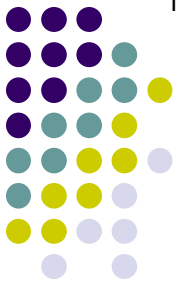
|                                     | Prednisolone acetate 1% | Restasis  |
|-------------------------------------|-------------------------|-----------|
| <i>Cataractogenic?</i>              | <b>Yes</b>              | <b>No</b> |
| <i>Inhibits epithelial healing?</i> | <b>Yes</b>              | <b>No</b> |
| <i>Glaucomagenic?</i>               | <b>Yes</b>              | <b>No</b> |
|                                     |                         |           |
|                                     |                         |           |





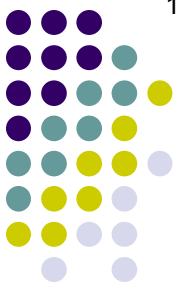
## *Restasis vs Steroids: The good news...*

|                                     | Prednisolone acetate 1% | Restasis  |
|-------------------------------------|-------------------------|-----------|
| <i>Cataractogenic?</i>              | <b>Yes</b>              | <b>No</b> |
| <i>Inhibits epithelial healing?</i> | <b>Yes</b>              | <b>No</b> |
| <i>Glaucomagenic?</i>               | <b>Yes</b>              | <b>No</b> |
| <i>Potentiates HSV infection?</i>   |                         |           |
|                                     |                         |           |



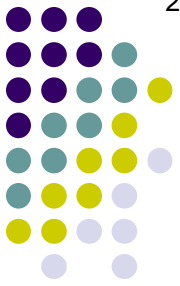
### *Restasis vs Steroids: The good news...*

|                                     | Prednisolone acetate 1% | Restasis  |
|-------------------------------------|-------------------------|-----------|
| <i>Cataractogenic?</i>              | <b>Yes</b>              | <b>No</b> |
| <i>Inhibits epithelial healing?</i> | <b>Yes</b>              | <b>No</b> |
| <i>Glaucomagenic?</i>               | <b>Yes</b>              | <b>No</b> |
| <i>Potentiates HSV infection?</i>   | <b>Yes</b>              | <b>No</b> |
|                                     |                         |           |



## *Restasis vs Steroids: The good news...*

|  | Prednisolone acetate 1% | Restasis  |
|--|-------------------------|-----------|
| <i>Cataractogenic?</i>                       | <b>Yes</b>              | <b>No</b> |
| <i>Inhibits epithelial healing?</i>          | <b>Yes</b>              | <b>No</b> |
| <i>Glaucomagenic?</i>                        | <b>Yes</b>              | <b>No</b> |
| <i>Potentiates HSV infection?</i>            | <b>Yes</b>              | <b>No</b> |
| <i>Increases risk of fungal keratopathy?</i> |                         |           |



### *Restasis vs Steroids: The good news...*

|  | Prednisolone acetate 1% | Restasis  |
|--|-------------------------|-----------|
| <i>Cataractogenic?</i>                       | <b>Yes</b>              | <b>No</b> |
| <i>Inhibits epithelial healing?</i>          | <b>Yes</b>              | <b>No</b> |
| <i>Glaucomagenic?</i>                        | <b>Yes</b>              | <b>No</b> |
| <i>Potentiates HSV infection?</i>            | <b>Yes</b>              | <b>No</b> |
| <i>Increases risk of fungal keratopathy?</i> | <b>Yes</b>              | <b>No</b> |

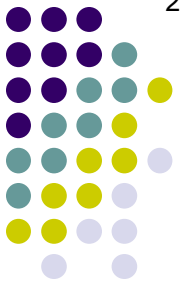


### Restasis vs Steroids: The good news...

### ...and the bad

|  | Prednisolone acetate 1% | Restasis  |
|--|-------------------------|-----------|
| <i>Cataractogenic?</i>                       | <b>Yes</b>              | <b>No</b> |
| <i>Inhibits epithelial healing?</i>          | <b>Yes</b>              | <b>No</b> |
| <i>Glaucomagenic?</i>                        | <b>Yes</b>              | <b>No</b> |
| <i>Potentiates HSV infection?</i>            | <b>Yes</b>              | <b>No</b> |
| <i>Increases risk of fungal keratopathy?</i> | <b>Yes</b>              | <b>No</b> |

|                   | Prednisolone acetate 1% | Restasis |
|-------------------|-------------------------|----------|
| <i>Expensive?</i> |                         |          |
|                   |                         |          |
|                   |                         |          |
|                   |                         |          |
|                   |                         |          |

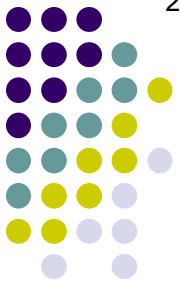


### Restasis vs Steroids: The good news...

### ...and the bad

|  | Prednisolone acetate 1% | Restasis  |
|--|-------------------------|-----------|
| <i>Cataractogenic?</i>                       | <b>Yes</b>              | <b>No</b> |
| <i>Inhibits epithelial healing?</i>          | <b>Yes</b>              | <b>No</b> |
| <i>Glaucomagenic?</i>                        | <b>Yes</b>              | <b>No</b> |
| <i>Potentiates HSV infection?</i>            | <b>Yes</b>              | <b>No</b> |
| <i>Increases risk of fungal keratopathy?</i> | <b>Yes</b>              | <b>No</b> |

|                   | Prednisolone acetate 1% | Restasis   |
|-------------------|-------------------------|------------|
| <i>Expensive?</i> | <b>No</b>               | <b>Yes</b> |
|                   |                         |            |
|                   |                         |            |
|                   |                         |            |
|                   |                         |            |

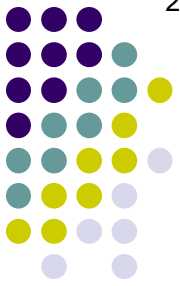


### Restasis vs Steroids: The good news...

### ...and the bad

|  | Prednisolone acetate 1% | Restasis  |
|--|-------------------------|-----------|
| <i>Cataractogenic?</i>                       | <b>Yes</b>              | <b>No</b> |
| <i>Inhibits epithelial healing?</i>          | <b>Yes</b>              | <b>No</b> |
| <i>Glaucomagenic?</i>                        | <b>Yes</b>              | <b>No</b> |
| <i>Potentiates HSV infection?</i>            | <b>Yes</b>              | <b>No</b> |
| <i>Increases risk of fungal keratopathy?</i> | <b>Yes</b>              | <b>No</b> |

|                      | Prednisolone acetate 1% | Restasis   |
|----------------------|-------------------------|------------|
| <i>Expensive?</i>    | <b>No</b>               | <b>Yes</b> |
| <i>Slow to work?</i> |                         |            |
|                      |                         |            |
|                      |                         |            |



### Restasis vs Steroids: The good news...

### ...and the bad

|  | Prednisolone acetate 1% | Restasis  |
|--|-------------------------|-----------|
| <i>Cataractogenic?</i>                       | <b>Yes</b>              | <b>No</b> |
| <i>Inhibits epithelial healing?</i>          | <b>Yes</b>              | <b>No</b> |
| <i>Glaucomagenic?</i>                        | <b>Yes</b>              | <b>No</b> |
| <i>Potentiates HSV infection?</i>            | <b>Yes</b>              | <b>No</b> |
| <i>Increases risk of fungal keratopathy?</i> | <b>Yes</b>              | <b>No</b> |

|                      | Prednisolone acetate 1% | Restasis   |
|----------------------|-------------------------|------------|
| <i>Expensive?</i>    | <b>No</b>               | <b>Yes</b> |
| <i>Slow to work?</i> | <b>No</b>               | <b>Yes</b> |
|                      |                         |            |
|                      |                         |            |
|                      |                         |            |



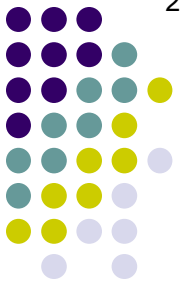


### Restasis vs Steroids: The good news...

### ...and the bad

|  | Prednisolone acetate 1% | Restasis  |
|--|-------------------------|-----------|
| <i>Cataractogenic?</i>                       | <b>Yes</b>              | <b>No</b> |
| <i>Inhibits epithelial healing?</i>          | <b>Yes</b>              | <b>No</b> |
| <i>Glaucomagenic?</i>                        | <b>Yes</b>              | <b>No</b> |
| <i>Potentiates HSV infection?</i>            | <b>Yes</b>              | <b>No</b> |
| <i>Increases risk of fungal keratopathy?</i> | <b>Yes</b>              | <b>No</b> |

|                      | Prednisolone acetate 1% | Restasis   |
|----------------------|-------------------------|------------|
| <i>Expensive?</i>    | <b>No</b>               | <b>Yes</b> |
| <i>Slow to work?</i> | <b>No</b>               | <b>Yes</b> |
| <i>Stings/burns?</i> |                         |            |
|                      |                         |            |
|                      |                         |            |

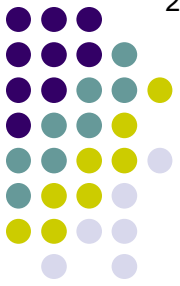


### Restasis vs Steroids: The good news...

### ...and the bad

|  | Prednisolone acetate 1% | Restasis  |
|--|-------------------------|-----------|
| <i>Cataractogenic?</i>                       | <b>Yes</b>              | <b>No</b> |
| <i>Inhibits epithelial healing?</i>          | <b>Yes</b>              | <b>No</b> |
| <i>Glaucomagenic?</i>                        | <b>Yes</b>              | <b>No</b> |
| <i>Potentiates HSV infection?</i>            | <b>Yes</b>              | <b>No</b> |
| <i>Increases risk of fungal keratopathy?</i> | <b>Yes</b>              | <b>No</b> |

|                      | Prednisolone acetate 1% | Restasis   |
|----------------------|-------------------------|------------|
| <i>Expensive?</i>    | <b>No</b>               | <b>Yes</b> |
| <i>Slow to work?</i> | <b>No</b>               | <b>Yes</b> |
| <i>Stings/burns?</i> | <b>No</b>               | <b>Yes</b> |
|                      |                         |            |
|                      |                         |            |

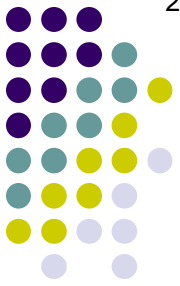


### Restasis vs Steroids: The good news...

### ...and the bad

|  | Prednisolone acetate 1% | Restasis  |
|--|-------------------------|-----------|
| <i>Cataractogenic?</i>                       | <b>Yes</b>              | <b>No</b> |
| <i>Inhibits epithelial healing?</i>          | <b>Yes</b>              | <b>No</b> |
| <i>Glaucomagenic?</i>                        | <b>Yes</b>              | <b>No</b> |
| <i>Potentiates HSV infection?</i>            | <b>Yes</b>              | <b>No</b> |
| <i>Increases risk of fungal keratopathy?</i> | <b>Yes</b>              | <b>No</b> |

|                                      | Prednisolone acetate 1% | Restasis   |
|--------------------------------------|-------------------------|------------|
| <i>Expensive?</i>                    | <b>No</b>               | <b>Yes</b> |
| <i>Slow to work?</i>                 | <b>No</b>               | <b>Yes</b> |
| <i>Stings/burns?</i>                 | <b>No</b>               | <b>Yes</b> |
| <i>Reduces risk of PK rejection?</i> |                         |            |
|                                      |                         |            |



### Restasis vs Steroids: The good news...

### ...and the bad

|  | Prednisolone acetate 1% | Restasis  |
|--|-------------------------|-----------|
| <i>Cataractogenic?</i>                       | <b>Yes</b>              | <b>No</b> |
| <i>Inhibits epithelial healing?</i>          | <b>Yes</b>              | <b>No</b> |
| <i>Glaucomagenic?</i>                        | <b>Yes</b>              | <b>No</b> |
| <i>Potentiates HSV infection?</i>            | <b>Yes</b>              | <b>No</b> |
| <i>Increases risk of fungal keratopathy?</i> | <b>Yes</b>              | <b>No</b> |

|                                      | Prednisolone acetate 1% | Restasis   |
|--------------------------------------|-------------------------|------------|
| <i>Expensive?</i>                    | <b>No</b>               | <b>Yes</b> |
| <i>Slow to work?</i>                 | <b>No</b>               | <b>Yes</b> |
| <i>Stings/burns?</i>                 | <b>No</b>               | <b>Yes</b> |
| <i>Reduces risk of PK rejection?</i> | <b>Yes</b>              | <b>No</b>  |
|                                      |                         |            |

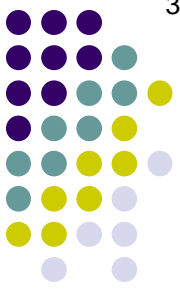


### Restasis vs Steroids: The good news...

### ...and the bad

|  | Prednisolone acetate 1% | Restasis  |
|--|-------------------------|-----------|
| <i>Cataractogenic?</i>                       | <b>Yes</b>              | <b>No</b> |
| <i>Inhibits epithelial healing?</i>          | <b>Yes</b>              | <b>No</b> |
| <i>Glaucomagenic?</i>                        | <b>Yes</b>              | <b>No</b> |
| <i>Potentiates HSV infection?</i>            | <b>Yes</b>              | <b>No</b> |
| <i>Increases risk of fungal keratopathy?</i> | <b>Yes</b>              | <b>No</b> |

|                                      | Prednisolone acetate 1% | Restasis   |
|--------------------------------------|-------------------------|------------|
| <i>Expensive?</i>                    | <b>No</b>               | <b>Yes</b> |
| <i>Slow to work?</i>                 | <b>No</b>               | <b>Yes</b> |
| <i>Stings/burns?</i>                 | <b>No</b>               | <b>Yes</b> |
| <i>Reduces risk of PK rejection?</i> | <b>Yes</b>              | <b>No</b>  |
| <i>Generic available?</i>            |                         |            |



### Restasis vs Steroids: The good news...

### ...and the bad

|  | Prednisolone acetate 1% | Restasis  |
|--|-------------------------|-----------|
| <i>Cataractogenic?</i>                       | <b>Yes</b>              | <b>No</b> |
| <i>Inhibits epithelial healing?</i>          | <b>Yes</b>              | <b>No</b> |
| <i>Glaucomagenic?</i>                        | <b>Yes</b>              | <b>No</b> |
| <i>Potentiates HSV infection?</i>            | <b>Yes</b>              | <b>No</b> |
| <i>Increases risk of fungal keratopathy?</i> | <b>Yes</b>              | <b>No</b> |

|                                      | Prednisolone acetate 1% | Restasis   |
|--------------------------------------|-------------------------|------------|
| <i>Expensive?</i>                    | <b>No</b>               | <b>Yes</b> |
| <i>Slow to work?</i>                 | <b>No</b>               | <b>Yes</b> |
| <i>Stings/burns?</i>                 | <b>No</b>               | <b>Yes</b> |
| <i>Reduces risk of PK rejection?</i> | <b>Yes</b>              | <b>No</b>  |
| <i>Generic available?</i>            | <b>Yes</b>              | <b>No</b>  |