For each statement, identify with which it is associated: Horizontal corneal lines, or Vertical corneal lines

- Associated with congenital glaucoma: ?
Associated with congenital glaucoma: **Horizontal**

For each statement, identify with which it is associated: **Horizontal** corneal lines, or **Vertical** corneal lines
Associated with congenital glaucoma: **Horizontal**

What is the name for the horizontal corneal finding associated with congenital glaucoma?

- **Haab striae**

Haab striae look like:
A pair of parallel lines that taper and meet at their ends

Haab striae represent what sort of pathology, i.e., which corneal structure is damaged, and in what way?

- Tears in Descemet's secondary to corneal stretching

What is the mechanism?

- Mechanical deformation caused by the elevated IOP
For each statement, identify with which it is associated: **Horizontal** corneal lines, or **Vertical** corneal lines

- Associated with congenital glaucoma: **Horizontal**

  What is the name for the horizontal corneal finding associated with congenital glaucoma? **Haab striae**

- **Haab**

- **High IOP Haab**

- **Horizontal**
For each statement, identify with which it is associated: **Horizontal** corneal lines, or **Vertical** corneal lines

- Associated with congenital glaucoma: **Horizontal**

  What is the name for the horizontal corneal finding associated with congenital glaucoma?  
  **Haab striae**

  Can Haab striae develop in children whose glaucoma commences after birth?  
  **Vertical**

  High IOP

  Haab
For each statement, identify with which it is associated: **Horizontal** corneal lines, or **Vertical** corneal lines

- **Associated with congenital glaucoma: Horizontal**

  What is the name for the horizontal corneal finding associated with congenital glaucoma?  
  **Haab striae**

  Can Haab striae develop in children whose glaucoma commences after birth?  
  Yes, they appear in pts with glaucoma onset up to age 4 years
Associated with congenital glaucoma: **Horizontal**

What is the name for the horizontal corneal finding associated with congenital glaucoma?

**Haab striae**

Can Haab striae develop in children whose glaucoma commences after birth?
Yes, they appear in pts with glaucoma onset up to age 4 years.
For each statement, identify with which it is associated: **Horizontal** corneal lines, or **Vertical** corneal lines

- **Associated with congenital glaucoma:** **Horizontal**

  What is the name for the horizontal corneal finding associated with congenital glaucoma?  
  **Haab striae**

  What do Haab striae look like?  

  A pair of parallel lines that taper and meet at their ends

  Haab striae represent what sort of pathology, ie, which corneal structure is damaged, and in what way?  

  Tears in Descemet’s secondary to corneal stretching

  What is the mechanism?  

  Mechanical deformation caused by the elevated IOP
**For each statement, identify with which it is associated:**

*Horizontal* corneal lines, *or* *Vertical* corneal lines

- **Associated with congenital glaucoma:** *Horizontal*

  *What is the name for the horizontal corneal finding associated with congenital glaucoma?*
  
  **Haab striae**

  *What do Haab striae look like?*
  
  Parallel lines that taper and meet at their ends
Haab striae in congenital glaucoma

For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- **Associated with congenital glaucoma: Horizontal**
  
  What is the name for the horizontal corneal finding associated with congenital glaucoma?
  **Haab striae**

  What do Haab striae look like?
  Parallel lines that taper and meet at their ends

  Haab striae represent what sort of pathology, ie, which corneal structure is damaged, and in what way?
  Tears in Descemet’s secondary to corneal stretching

  What is the mechanism?
  Mechanical deformation caused by the elevated IOP
For each statement, identify with which it is associated: **Horizontal** corneal lines, or **Vertical** corneal lines

- **Associated with congenital glaucoma:** **Horizontal**

  What is the name for the horizontal corneal finding associated with congenital glaucoma?  
  **Haab striae**

  What do Haab striae look like?  
  Parallel lines that taper and meet at their ends

  *Haab striae represent what sort of pathology, ie, which corneal structure is damaged, and in what way?*  
  Tears in Descemet’s secondary to corneal stretching
For each statement, identify with which it is associated: **Horizontal** corneal lines, or **Vertical** corneal lines

- **Associated with congenital glaucoma:** **Horizontal**

  What is the name for the horizontal corneal finding associated with congenital glaucoma?  
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  Tears in Descemet’s secondary to corneal stretching

  What is the mechanism?  
  Mechanical deformation caused by the elevated IOP
• Associated with congenital glaucoma: Horizontal

What is the name for the horizontal corneal finding associated with congenital glaucoma?
Haab striae

What do Haab striae look like?
Parallel lines that taper and meet at their ends

Haab striae represent what sort of pathology, ie, which corneal structure is damaged, and in what way?
Tears in Descemet’s secondary to corneal stretching

What is the mechanism?
Mechanical deformation caused by the elevated IOP
For each statement, identify with which it is associated: *Horizontal* corneal lines, or *Vertical* corneal lines

- Associated with congenital glaucoma: **Horizontal**
- Associated with birth trauma: ?
For each statement, identify with which it is associated: _Horizontal_ corneal lines, or _Vertical_ corneal lines

- Associated with congenital glaucoma: _Horizontal_
- Associated with birth trauma: _Vertical_
For each statement, identify with which it is associated:

*Horizontal corneal lines, or Vertical corneal lines*

Vertical striae related to birth trauma
Q

For each statement, identify with which it is associated: 
**Horizontal** corneal lines, or **Vertical** corneal lines

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: **Vertical**

What is the pathology underlying these breaks, ie, which corneal structure is damaged, and in what way?

- What is the pathology underlying these breaks, ie, which corneal structure is damaged, and in what way?

  - Vertical vagina
  - High IOP Haab
For each statement, identify with which it is associated: **Horizontal** corneal lines, or **Vertical** corneal lines

- Associated with congenital glaucoma: Horizontal
- **Associated with birth trauma:** Vertical

What is the pathology underlying these breaks, i.e., which corneal structure is damaged, and in what way?
The same as Haab striae: Tears in Descemet’s secondary to pressure on the cornea
Q

For each statement, identify with which it is associated: **Horizontal** corneal lines, or **Vertical** corneal lines

- Associated with congenital glaucoma: Horizontal
- **Associated with birth trauma:** Vertical

What is the pathology underlying these breaks, ie, which corneal structure is damaged, and in what way?
The same as Haab striae: Tears in Descemet’s secondary to pressure on the cornea

What specific birth-event is the classic cause?

**Vertical**

**V**agina

**Horizontal**

**H**igh IOP

**Haab**
For each statement, identify with which it is associated: **Horizontal** corneal lines, or **Vertical** corneal lines

- Associated with congenital glaucoma: Horizontal
- **Associated with birth trauma:** **Vertical**

What is the pathology underlying these breaks, ie, which corneal structure is damaged, and in what way?
The same as Haab striae: Tears in Descemet’s secondary to pressure on the cornea

What specific birth-event is the classic cause?
Forceps delivery
For each statement, identify with which it is associated: **Horizontal** corneal lines, or **Vertical** corneal lines

- Associated with congenital glaucoma: **Horizontal**
- Associated with birth trauma: **Vertical**
- Corneal stress lines in keratoconus: ?
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- **Corneal stress lines in keratoconus:** Vertical

What is the name for the vertical corneal finding associated with KCN?

- **Vogt striae**
  - Fine parallel lines
For each statement, identify with which it is associated: **Horizontal** corneal lines, or **Vertical** corneal lines

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- **Corneal stress lines in keratoconus:** Vertical

**What is the name for the vertical corneal finding associated with KCN?**
**Vogt striae**
For each statement, identify with which it is associated: **Horizontal** corneal lines, or **Vertical** corneal lines

- Associated with congenital glaucoma: **Horizontal**
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- **Corneal stress lines in keratoconus:** **Vertical**

**What is the name for the vertical corneal finding associated with KCN?**

**Vogt striae**

**What do Vogt striae look like?**

**Vertical agina**

**Horizontal high IOP Haab**
For each statement, identify with which it is associated: Horizontal corneal lines, or Vertical corneal lines

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical

What is the name for the vertical corneal finding associated with KCN? Vogt striae

What do Vogt striae look like? Fine parallel lines
Vogt striae

For each statement, identify with which it is associated:  
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For each statement, identify with which it is associated: **Horizontal** corneal lines, or **Vertical** corneal lines

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical

What is the name for the vertical corneal finding associated with KCN? **Vogt striae**

What do Vogt striae look like? Fine parallel lines

In terms of depth, where in the cornea are Vogt striae found? The deep stroma

Relative to the KCN cone, where are they found? At its apex

Applying pressure to the cornea causes Vogt striae to do what? To disappear
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical

**Vogt striae**

*What is the name for the vertical corneal finding associated with KCN?*

Vogt striae

*What do Vogt striae look like?*

Fine parallel lines

*In terms of depth, where in the cornea are Vogt striae found?*

The deep stroma

*Relative to the KCN cone, where are they found?*

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*Applying pressure to the cornea causes Vogt striae to do what?*

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**Vogt striae**

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- In terms of depth, where in the cornea are Vogt striae found?
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What is the name for the vertical corneal finding associated with KCN? **Vogt striae**

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In terms of depth, where in the cornea are Vogt striae found? The deep stroma

Relative to the KCN cone, where are they found? At its apex

Applying pressure to the cornea causes Vogt striae to do what? To disappear

In one word, what sort of condition is KCN? **A corneal ectasia**

When you hear 'corneal ectasia,' four conditions should come to mind. What are the other three? --KCN--Pellucid marginal degeneration--Keratoglobus--Post keratoablative refractive surgery
For each statement, identify with which it is associated: Horizontal corneal lines, or Vertical corneal lines

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical

A corneal ectasia

What do Vogt striae look like? Fine parallel lines

In terms of depth, where in the cornea are Vogt striae found? The deep stroma

Relative to the KCN cone, where are they found? At its apex

Applying pressure to the cornea causes Vogt striae to do what? To disappear

What is the name for the vertical corneal finding associated with KCN? Vogt striae

What is the name for the condition associated with Vogt striae? Vogt agina

In one word, what sort of condition is KCN? A corneal ectasia
For each statement, identify with which it is associated:

**Horizontal** corneal lines, or **Vertical** corneal lines

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: **Vertical**

What is the name for the vertical corneal finding associated with KCN?
- **Vogt striae**

What do Vogt striae look like?
- Fine parallel lines

In terms of depth, where in the cornea are Vogt striae found?
- The deep stroma

Relative to the KCN cone, where are they found?
- At its apex

Applying pressure to the cornea causes Vogt striae to do what?
- To disappear

In one word, what sort of condition is KCN?
- A corneal ectasia

When you hear ‘corneal ectasia,’ four conditions should come to mind.

What are the other three?

--KCN
--
--
--
For each statement, identify with which it is associated:
**Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: **Vertical**

**Vogt striae**

*What is the condition?*
A corneal ectasia

*What do Vogt striae look like?*
Fine parallel lines

*In terms of depth, where in the cornea are Vogt striae found?*
The deep stroma

*Relative to the KCN cone, where are they found?*
At its apex

*Applying pressure to the cornea causes Vogt striae to do what?*
To disappear

*In one word, what sort of condition is KCN?*
A corneal ectasia

*When you hear ‘corneal ectasia,’ four conditions should come to mind. What are the other three?*
--KCN
--Pellucid marginal degeneration
--Keratoglobus
--Post keratoablative refractive surgery
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in **keratoconus**: Vertical

For more on KCN, see slide-set K38

For more on corneal ectasias, see slide-set K12

**V**ertical **agina**

**H**orizontal **igh IOP**

**o**ght

What is the name for the vertical corneal finding associated with KCN? **Vogt striae**

What do Vogt striae look like? Fine parallel lines

In terms of depth, where in the cornea are Vogt striae found? The deep stroma

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In one word, what sort of condition is KCN? A corneal ectasia

When you hear ‘corneal ectasia,’ four conditions should come to mind. What are the other three?

--KCN
--Pellucid marginal degeneration
--Keratoglobus
--Post keratoablative refractive surgery
Q

For each statement, identify with which it is associated: *Horizontal corneal lines, or Vertical corneal lines*

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical

**PPMD**

Before we get to the next corneal line…

*In the context of corneal conditions, what does PPMD stand for?*
For each statement, identify with which it is associated: Horizontal corneal lines, or Vertical corneal lines

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- PPMD

Before we get to the next corneal line…

In the context of corneal conditions, what does PPMD stand for?
Posterior polymorphous dystrophy
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical

**PPMD**

*Before we get to the next corneal line…*

*In the context of corneal conditions, what does PPMD stand for?*  
Posterior polymorphous dystrophy

*The BCSC Cornea book divvies the corneal dystrophies into four categories. What are they?*

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For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical

**PPMD**

Before we get to the next corneal line…

*In the context of corneal conditions, what does PPMD stand for?*

Posterior polymorphous dystrophy

*The BCSC Cornea book divvies the corneal dystrophies into four categories. What are they?*

--Epithelial and subepithelial
--Epithelial-stromal TGFBI
--Stromal
--Endothelial
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- PPMD

Before we get to the next corneal line…

In the context of corneal conditions, what does PPMD stand for?
Posterior polymorphous dystrophy

The BCSC Cornea book divvies the corneal dystrophies into four categories. What are they?
--Epithelial and subepithelial
--Epithelial-stromal TGFBI
--Stromal
--Endothelial

To which category does PPMD belong?
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- PPMD

Before we get to the next corneal line…

In the context of corneal conditions, what does PPMD stand for?
Posterior polymorphous dystrophy

The BCSC Cornea book divvies the corneal dystrophies into four categories.
What are they?
--Epithelial and subepithelial
--Epithelial-stromal TGFB1
--Stromal
--Endothelial

To which category does PPMD belong?
Endothelial
For each statement, identify with which it is associated: **Horizontal** corneal lines, or **Vertical** corneal lines

- **Associated with congenital glaucoma:** Horizontal
- **Associated with birth trauma:** Vertical
- **Corneal stress lines in keratoconus:** Vertical
- **A corneal finding in PPMD:** ?

Next question
For each statement, identify with which it is associated:

- **Horizontal** corneal lines, or **Vertical** corneal lines

- Associated with congenital glaucoma: **Horizontal**
- Associated with birth trauma: **Vertical**
- Corneal stress lines in keratoconus: **Vertical**
- A corneal finding in PPMD: **Horizontal**
For each statement, identify with which it is associated: **Horizontal** corneal lines, or **Vertical** corneal lines

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- **A corneal finding in PPMD:** **Horizontal**

What is the name for the horizontal corneal finding in PPMD?

- Vertical agina
- Hight IOP Haab
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- **A corneal finding in PPMD**: Horizontal

**What is the name for the horizontal corneal finding in PPMD?**

Snail tracks
For each statement, identify with which it is associated: **Horizontal** corneal lines, **or** **Vertical** corneal lines

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- A corneal finding in PPMD: **Horizontal**

What is the name for the horizontal corneal finding in PPMD? **Snail tracks**

What do snail tracks look like?
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- A corneal finding in PPMD: Horizontal

**What is the name for the horizontal corneal finding in PPMD?** Snail tracks

**What do snail tracks look like?** Parallel lines, often with a scalloped contour
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

Snail tracks in PPMD
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- **A corneal finding in PPMD**: Horizontal

What is the name for the horizontal corneal finding in PPMD?

**Snail tracks**

What do snail tracks look like?

- Parallel lines, often with a scalloped contour

In addition to snail tracks, PPMD presents with two other exam findings. What are they?

- Linear band-shaped opacities (ie, snail tracks)
- [Add other finding]
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- **A corneal finding in PPMD:** Horizontal

In addition to snail tracks, PPMD presents with two other exam findings. What are they?
- Linear band-shaped opacities (ie, snail tracks)
- Vesicular lesions
- Diffuse opacities

**Snail tracks**
Parallel lines, often with a scalloped contour

**Vertical agina ogt**

**Haab**
For each statement, identify with which it is associated:

- Horizontal corneal lines,
- Vertical corneal lines

Vesicular lesions

Diffuse opacities

PPMD
PPMD. Its clinical appearance is notoriously variable—don’t commit any one image to memory as representing it!
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- **A corneal finding in PPMD:** Horizontal

In addition to snail tracks, PPMD presents with two other exam findings. What are they?

- Linear band-shaped opacities (ie, snail tracks)
- Vesicular lesions
- Diffuse opacities

How can PPMD band lesions be distinguished from Haab striae?

- Haab striae represent breaks in Descemet's membrane, and thus have a beginning and an end; ie, they taper and meet at their terminuses.
- In contrast, the bands of PPMD are not breaks in Descemet's, and therefore do not meet at their terminuses.
For each statement, identify with which it is associated:

**Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- **A corneal finding in PPMD**: Horizontal

What is the name for the horizontal corneal finding in PPMD? Snail tracks

What do snail tracks look like?
- Parallel lines, often with a scalloped contour

In addition to snail tracks, PPMD presents with two other exam findings. What are they?
- Linear band-shaped opacities (i.e., snail tracks)
- Vesicular lesions
- Diffuse opacities

How can PPMD band lesions be distinguished from Haab striae? Recall that Haab striae represent breaks in Descemet’s membrane, and thus have a beginning and an end; i.e., they taper and meet at their ends.
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- **A corneal finding in PPMD:** Horizontal

In addition to snail tracks, PPMD presents with two other exam findings. What are they?
- Linear band-shaped opacities (ie, snail tracks)
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How can PPMD band lesions be distinguished from Haab striae? Recall that Haab striae represent breaks in Descemet’s membrane, and thus have a beginning and an end; ie, they taper and meet at their ends. In contrast, the bands of PPMD are not breaks in Descemet’s, and therefore do **not** meet at their terminuses.
For each statement, identify with which it is associated:

- **Horizontal corneal lines**
- **Vertical corneal lines**

**Snail tracks in PPMD** (the lines don’t meet)

**Haab’s striae** (note that the lines taper and meet)
For each statement, identify with which it is associated:

- Horizontal corneal lines, or Vertical corneal lines

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- A corneal finding in PPMD: Horizontal
- A manifestation of corneal transplant rejection: Horizontal
For each statement, identify with which it is associated: Horizontal corneal lines, or Vertical corneal lines

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- A corneal finding in PPMD: Horizontal
- A manifestation of corneal transplant rejection: Horizontal
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- A corneal finding in PPMD: Horizontal
- **A manifestation of corneal transplant rejection**: Horizontal

What is the name of the line associated with PK rejection?

- Khodadoust line
- The endothelium
- Inflammatory precipitates
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- A corneal finding in PPMD: Horizontal
- A manifestation of corneal transplant rejection: Horizontal

What is the name of the line associated with PK rejection? **Khodadoust line**
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- A corneal finding in PPMD: Horizontal
- **A manifestation of corneal transplant rejection:** Horizontal

**What is the name of the line associated with PK rejection?**
**Khodadoust line**

**Rejection of which layer of the cornea (ie, epithelial, stromal, etc) is heralded by the presence of a Khodadoust line?**
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- A corneal finding in PPMD: Horizontal
- **A manifestation of corneal transplant rejection**: Horizontal

What is the name of the line associated with PK rejection?
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Rejection of which layer of the cornea (ie, epithelial, stromal, etc) is heralded by the presence of a Khodadoust line?
The endothelium
For each statement, identify with which it is associated:
*Horizontal corneal lines, or Vertical corneal lines*

Khodadoust line
For each statement, identify with which it is associated:

**Horizontal corneal lines, or Vertical corneal lines**

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**Khodadoust line**

Rejection of which layer of the cornea (ie, epithelial, stromal, etc) is heralded by the presence of a Khodadoust line?
The endothelium

Of what is the line composed?

Inflammatory precipitates
For each statement, identify with which it is associated: **Horizontal corneal lines, or Vertical corneal lines**

- Associated with congenital glaucoma: Horizontal
- Associated with birth trauma: Vertical
- Corneal stress lines in keratoconus: Vertical
- A corneal finding in PPMD: Horizontal
- A manifestation of corneal transplant rejection: Horizontal

**What is the name of the line associated with PK rejection?**

Khodadoust line

Rejection of which layer of the cornea (ie, epithelial, stromal, etc) is heralded by the presence of a Khodadoust line?
The endothelium

Of what is the line composed?
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