

# Explanatory notes:

- With the new Certificate the examiner will tick
  - in the «result area» point 8. ICAA for «unaffected» or «affected» (mild/moderate/severe),
  - as well as in the «descriptive comment area»  
8. ICAA (PLA mild/moderate/severe; ICA width narrow/closed)

...see next slide

# NEW CERTIFICATE

<p>Right eye (OD)</p> <p>Photographs:</p>	<p>Left eye (OS)</p> <p>Photographs:</p>																																													
<p>Descriptive comments:</p> <div style="background-color: #ffff00; padding: 5px; text-align: center;"><b>Descriptive comment area</b></div>																																														
<p>Eye disease no. <input type="checkbox"/> mild <input type="checkbox"/> severe</p>																																														
<p><b>Results for the known or presumed hereditary eye diseases (KP-HED):</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">* UNAFFECTED</th> <th style="text-align: center;">** UNDETERMINED</th> <th style="text-align: center;">* AFFECTED</th> <th></th> </tr> </thead> <tbody> <tr> <td>1. Persistent Pupillary Membrane (PPM)</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>iris <input type="checkbox"/> lens <input type="checkbox"/> cornea <input type="checkbox"/> lamina <input type="checkbox"/></td> </tr> <tr> <td>2. Persistent Hyperpl.Tunica Vasculosa Lentis/Primary Vitreous (PHTVL/PHPV)</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>grade 1 <input type="checkbox"/> grade 2 <input type="checkbox"/></td> </tr> <tr> <td>3. Cataract (congenital)</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>geographical <input type="checkbox"/> total <input type="checkbox"/></td> </tr> <tr> <td>4. Retinal Dysplasia (RD)</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>choroid. hypoplasia <input type="checkbox"/> coloboma <input type="checkbox"/> other: <input type="checkbox"/></td> </tr> <tr> <td>5. Hypoplastic-/Micro-papilla</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>mild <input type="checkbox"/> moderate <input type="checkbox"/> severe <input type="checkbox"/></td> </tr> <tr> <td>6. Collie Eye Anomaly (CEA)</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>7. Other: _____</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>8. IridoCorneal Angle Abnormality. (ICAA)</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> </tbody> </table>			* UNAFFECTED	** UNDETERMINED	* AFFECTED		1. Persistent Pupillary Membrane (PPM)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	iris <input type="checkbox"/> lens <input type="checkbox"/> cornea <input type="checkbox"/> lamina <input type="checkbox"/>	2. Persistent Hyperpl.Tunica Vasculosa Lentis/Primary Vitreous (PHTVL/PHPV)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	grade 1 <input type="checkbox"/> grade 2 <input type="checkbox"/>	3. Cataract (congenital)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	geographical <input type="checkbox"/> total <input type="checkbox"/>	4. Retinal Dysplasia (RD)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	choroid. hypoplasia <input type="checkbox"/> coloboma <input type="checkbox"/> other: <input type="checkbox"/>	5. Hypoplastic-/Micro-papilla	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	mild <input type="checkbox"/> moderate <input type="checkbox"/> severe <input type="checkbox"/>	6. Collie Eye Anomaly (CEA)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		7. Other: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		8. IridoCorneal Angle Abnormality. (ICAA)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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<p>8. ICAA: PLA</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> mild</li> <li><input type="checkbox"/> moderate</li> <li><input type="checkbox"/> severe</li> </ul> <p>ICA</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> narrow (moderate) (width)</li> <li><input type="checkbox"/> closed (severe)</li> </ul>																																														

## present:

Descriptive comments: \_\_\_\_\_

Eye disease no. .....  mild  moderate  severe

**\* UNAFFECTED      \*\* UNDETERMINED      \* AFFECTED**

#### 8. Lig. Pectinate abnormality (only after gonioscopy)

**NEW:**

## Descriptive comment area

Eye disease no. ....  mild  severe

**UNAFFECTED      UNEARTHED**

## result area

8. Iridocorneal angle abnormality (ICAA):  
**(only after gonioscopy)**

8. ICAA: PLA

ICA (width)	mild
closed (= severe)	moderate
narrow (= moderate)	severe
narrow (= moderate)	narrow (= moderate)

A central rectangular box is connected by lines to three smaller rectangular boxes arranged vertically below it. To the right of these three boxes is the word "mild" above "moderate" above "severe".

**Advantage:** in the **result area** the examiner clearly indicates the severity of ICA abnormality in its entirety and its clinical impact; comprehensible to the breeder

**present:**

Descriptive comments: \_\_\_\_\_

Eye disease no. ....  mild  moderate  severe

\* UNAFFECTED    \*\* UNDETERMINED    \* AFFECTED

8. Lig. Pectinate abnormality (only  
after gonioscopy)

fibrae latae  
 laminæ  
 occlusio

**NEW Certificate:**

Descriptive comment area

Eye disease no. ....  mild  severe

Result area

\* UNAFFECTED    \*\* UNDETERMINED

\* AFFECTED

8. Iridocorneal angle abnormality (ICAA):  
(only after gonioscopy)

8. ICAA: PLA

mild  
 moderate  
 severe  
 narrow (= moderate)  
 closed (= severe)

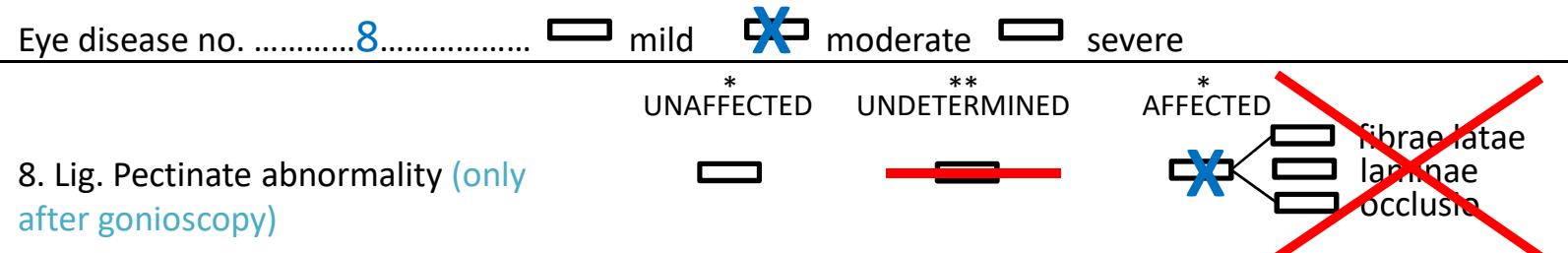
ICA  
(width)

mild  
 moderate  
 severe

In the **area for descriptive comments**, the examiner specifies  
the type of ICA abnormality (ICAA): PLA (pectinate ligament  
abnormality and/or ICA width (iridocorneal angle width))

## If you use the present Certificate:

Descriptive comments: PLA (or ICA width = narrow)



If your national panel allows to use the **present Certificate**:

In the **result area** at **point 8.**: only use boxes «unaffected» and «affected» (do not use the boxes «undetermined», «fibrae latae», «laminae» and «occlusio»);

In the **area for descriptive comments**: at «Eye disease no.» write «8» and tick the relevant box «mild/moderate/severe»; specify the type of ICA abnormality (ICAA): PLA (pectinate ligament abnormality) and/or ICA width (iridocorneal angle width)

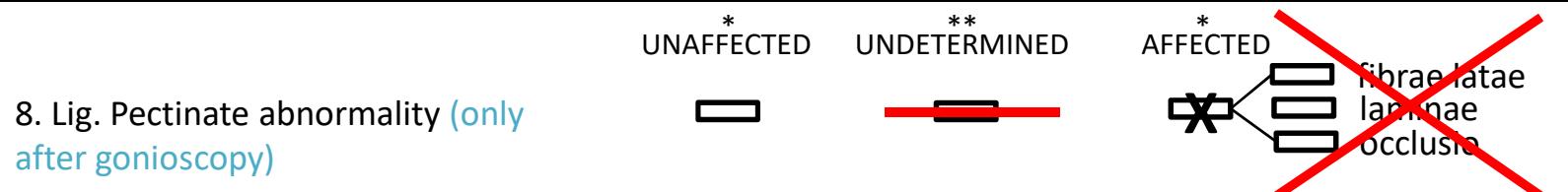
It is recommended to use the **new Certificate** as soon as possible

- The «result area» is of interest to the breeder
- The «descriptive comment area» is of interest to the examiner and for statistical analysis of data; therefore, the differentiation into abnormality of the Pectinate Ligament (PL) and ICA width is outside of the «result area».
- This might be of value in case of different opinions of different examiners concerning PLA/ICAwidth (see next slide)

## If you use the present Certificate:

Descriptive comments: PLA (or ICA width = closed)

Eye disease no. ....8.....  mild  moderate  severe



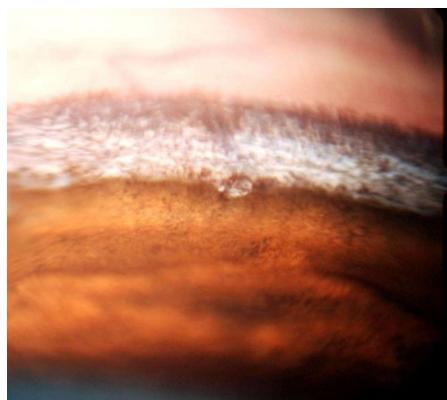
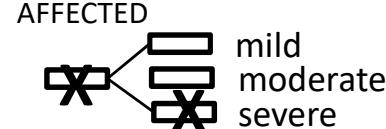
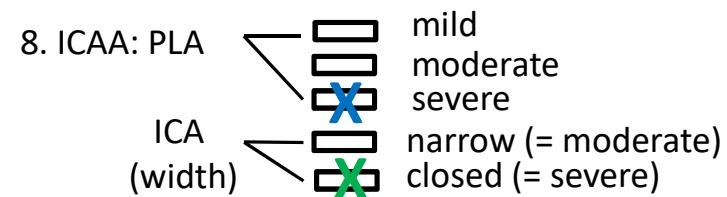
8. Lig. Pectinate abnormality (only after gonioscopy)

**NEW:**

Eye disease no. ....  mild  severe

\* UNAFFECTED      \*\* UNDETERMINED

8. Iridocorneal angle abnormality (ICAA):   
(only after gonioscopy)



Comment: 2 opinions of 2 examiners but same result !  
1. PLA «affected» «severe»  
2. ICA width: «affected» «closed» ; PL not visible – no judgement possible