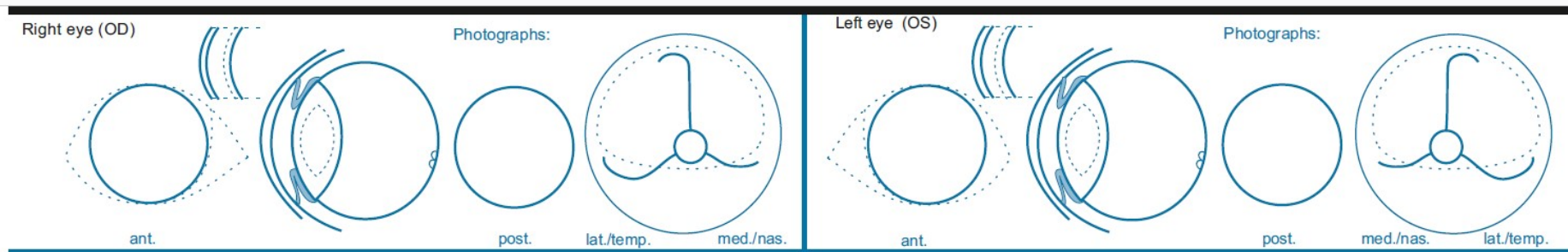


Explanatory notes:

- 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



Descriptive comments:

.....
 **Descriptive comment area**

8. ICAA: PLA mild
 moderate
 severe
- ICA (width) narrow (moderate)
 closed (severe)

Eye disease no. mild severe

Results for the known or presumed hereditary eye diseases (KP-HED):				Results valid for 12 months			
	UNAFFECTED *	UNDETERMINED **	AFFECTED *	UNAFFECTED *	SUSPICIOUS ***	AFFECTED *	
1. Persistent Pupillary Membrane (PPM)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> iris <input type="checkbox"/> cornea <input type="checkbox"/> lens <input type="checkbox"/> lamina	<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Cataract (congenital)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> geographical <input type="checkbox"/> total	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Retinal Dysplasia (RD)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> choroid. hypoplasia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> cortical
5. Hypoplastic-/Micro-papilla	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> coloboma	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> post. pol.
6. Collie Eye Anomaly (CEA)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> ant sut. l.
7. Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> mild	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> punctata
8. IridoCorneal Angle Abnormality. (ICAA)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> moderate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> nucleus
			<input type="checkbox"/> severe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> other
11. Entropion/Trichiasis	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12. Ectropion/Macroblepharon	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13. Distichiasis /Ectopic cilia	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14. Corneal dystrophy	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15. Cataract (non-congenital)	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16. Lens luxation (primary)	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17. Retinal degeneration (PRA)	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18. Other:	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Interpretation

present:

Descriptive comments: _____

Eye disease no. mild moderate severe

	* UNAFFECTED	** UNDETERMINED	* AFFECTED
8. Lig. Pectinate abnormality (only after gonioscopy)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> fibrae latae <input type="checkbox"/> laminae <input type="checkbox"/> oclusio

NEW:

Descriptive comment area

Eye disease no. mild severe

8. ICAA: PLA	<input type="checkbox"/> mild	<input type="checkbox"/> moderate	<input type="checkbox"/> severe
ICA (width)	<input type="checkbox"/> narrow (= moderate)	<input type="checkbox"/> closed (= severe)	

Result area

	* UNAFFECTED	** UNDETERMINED	* AFFECTED
8. Iridocorneal angle abnormality (ICAA): (only after gonioscopy)	<input type="checkbox"/>		<input type="checkbox"/> mild <input type="checkbox"/> moderate <input type="checkbox"/> 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)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> fibrae latae <input type="checkbox"/> laminae <input type="checkbox"/> oclusio

NEW Certificate:

Descriptive comment area

Eye disease no. mild severe

Result area

	* UNAFFECTED	** UNDETERMINED	* AFFECTED
8. Iridocorneal angle abnormality (ICAA): (only after gonioscopy)	<input type="checkbox"/>		<input checked="" type="checkbox"/>

8. ICAA: PLA mild
 moderate
 severe

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

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)**

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

	* UNAFFECTED	** UNDETERMINED	* AFFECTED
8. Lig. Pectinate abnormality (only after gonioscopy)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> fibrae latae laminae occlusio

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)**

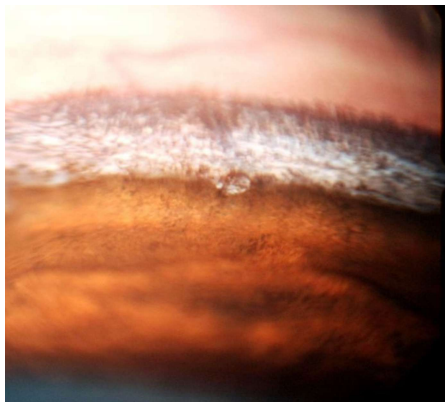
Eye disease no.8..... mild moderate severe

	* UNAFFECTED	** UNDETERMINED	* AFFECTED	
8. Lig. Pectinate abnormality (only after gonioscopy)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;"> <input type="checkbox"/> fibrae latae <input type="checkbox"/> laminae <input type="checkbox"/> occlusa </div> <div style="font-size: 2em; color: red; margin-left: 10px;">X</div> </div>

NEW:

Eye disease no. mild severe

	* UNAFFECTED	** UNDETERMINED	* AFFECTED	
8. ICAA: PLA			<input checked="" type="checkbox"/>	<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;"> <input type="checkbox"/> mild <input type="checkbox"/> moderate <input checked="" type="checkbox"/> severe </div> <div style="font-size: 2em; color: blue; margin-left: 10px;">X</div> </div>
ICA (width)			<input checked="" type="checkbox"/>	<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;"> <input type="checkbox"/> narrow (= moderate) <input checked="" type="checkbox"/> closed (= severe) </div> <div style="font-size: 2em; color: green; margin-left: 10px;">X</div> </div>
8. Iridocorneal angle abnormality (ICAA): (only after gonioscopy)	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;"> <input type="checkbox"/> mild <input type="checkbox"/> moderate <input checked="" type="checkbox"/> severe </div> <div style="font-size: 2em; color: black; margin-left: 10px;">X</div> </div>



Comment: 2 opinions of 2 examiners but same result !

1. PLA «affected» «severe»
2. ICA width: «affected» «closed» ; PL not visible – no judgement possible