



CUSTOMFLEX[®] **ARTIFICIALIRIS** E^Xtra life-changing results



Photodirectives for ordering
CUSTOMFLEX[®] ARTIFICIALIRIS



HumanOptics

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Disclaimer

Summary

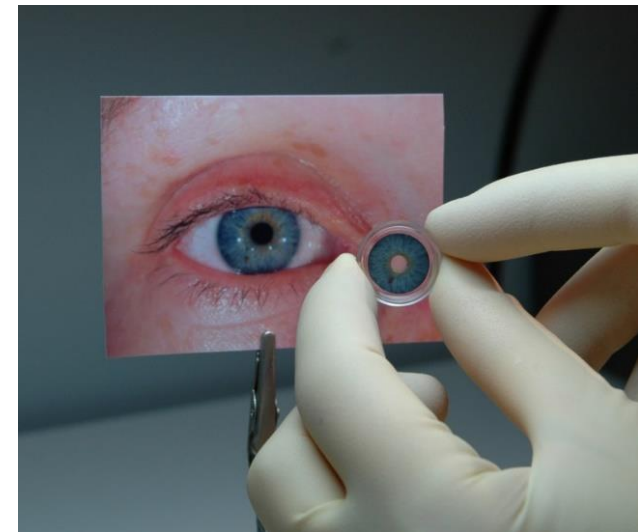
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Why is the image/photo extract so important?

Purpose:

Since the manufacutere is not able to see the patient's natural iris, it is necessary to rely on the pictures sent in with the order for a **CUSTOMFLEX® ARTIFICIAL/IRIS**.

The color of every computer screen and printer appears different as a result on a photo. Therefore, it is always necessary to **evaluate the printout** (hard copy).



Important:

- The quality of the photo prints is crucial for a natural post-operative appearance of the patient's eye.
- HumanOptics reserves the right to refuse orders if the required patient images do not meet the necessary requirements.

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Which photo prints are needed?

Which photo prints are needed?

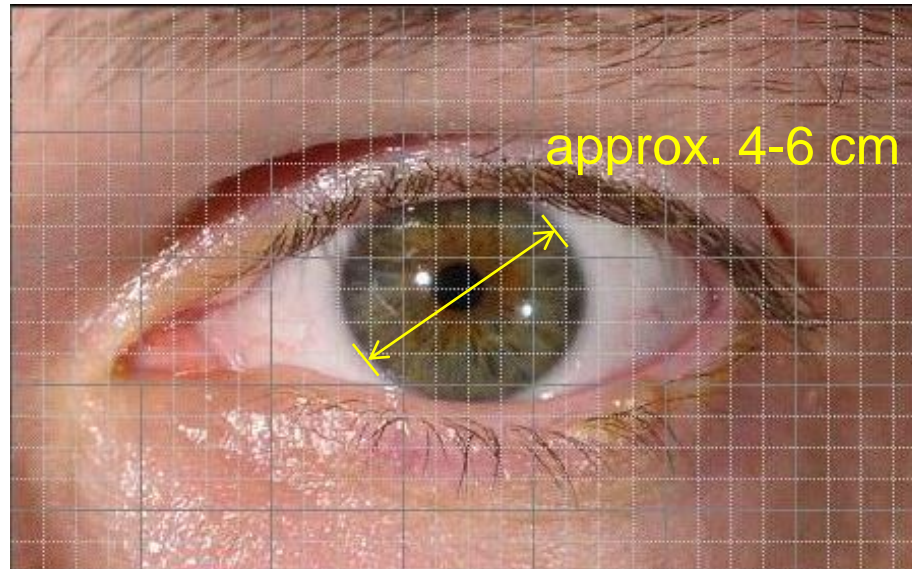


For production and clinical discussion, it is best to have an image of both eyes as a bridge photo and as a single photo.

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Which photo prints are needed?

Sizing of the iris on the picture



Standardized picture:

- Size of photo 9 x 13 cm (3.5 x 5")
- Size of iris approx. 4 – 6 cm (1.5 – 2.5")

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Which photo prints are needed?

Exception: No iris present on both sides (e.g. congenital aniridia)

As there are no iris remnants that can be reproduced in the production process, the patient can choose their own shade guide by ...

- using the ARTIFICIALIRIS SELECT color chart to select the desired shade
- selecting a close-up of an iris from a magazine
- using a close-up, e.g. of a relative's eyes, for the order



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How is a good picture taken?

Procedure:

1. **Illuminate** the eye of the patient **evenly**, so that **no shadows** appear on the iris.
2. Carry out the **white balance** with the camera at the exact location where the photo of the patient's eye is to be taken. A gray or white card is required for this.
3. The patient's iris should be **completely** recognizable and **sharply** focused.

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How is a good picture taken?

Principles:

Good, even illumination of the eye is essential

Ideally use:

- Flash with softbox or ring flash → Note: regular flash can overexpose the photo and cause reflexes
- or:
- Continuous light at approx. 3200 Kelvin

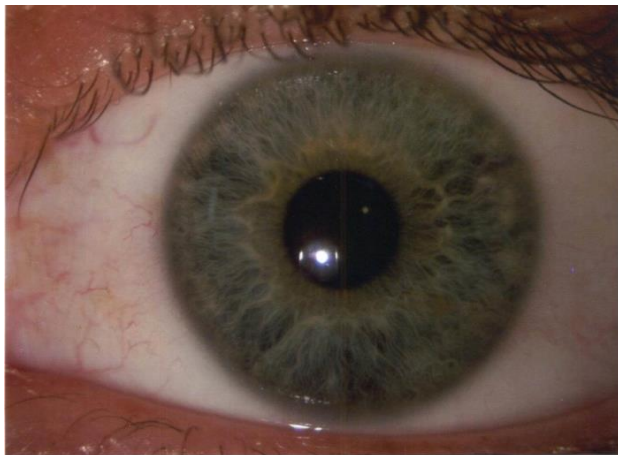
When using a slit lamp, please ensure that the eye is not overexposed and that the images are very well resolved.

Important: Fundus cameras or other video cameras are **not** suitable for taking good photos. If you do not have the necessary equipment, you can also refer your patient to a **professional photographer**.

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How is a good picture taken?

- Conjunctiva has a reddish
- color Iris color is greenish
- Picture seems underexposed



Both time the
same patient,

Difference:
**Illumination
of the eye**

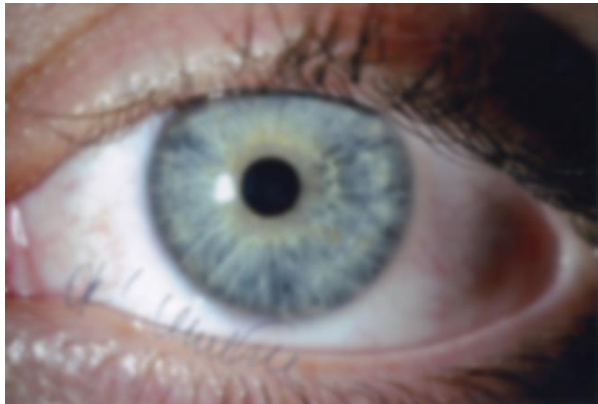
- Conjunctiva is white with
visible blood vessels
- Iris color appears in a clear
blue shade



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How is a good picture taken?

All colors are washed out,
details are not
recognizable



Both time the same
patient,

Difference:

Image sharpness

- All structures can be seen in detail
- The colors are recognizable in great detail and can be precisely identified



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How is a good picture taken?

What are the most important aspects when taking and evaluating the image?

- ✓ **Illumination** of the eye
- ✓ **Size** of the iris on the image
- ✓ Image **sharpness**
- ✓ Only **photographic paper** may be used for the printout and this must be compared with the natural iris. If desired, **professional photographers** can help with the image creation
- ✓ Only **one** image is to be signed, which is to be used for the production



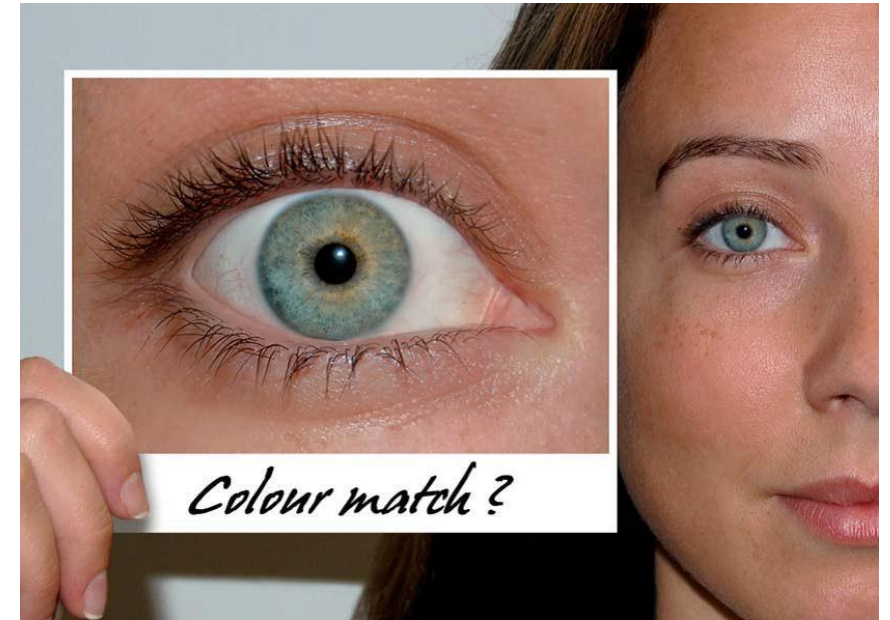
Example for a perfect picture for production

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How are photos evaluated?

Qualification of the production template

- Compare the photo with the natural iris under the same lighting conditions.
- Hold the photo printout directly next to the patient's eye.
- Compare whether the conjunctiva is white in the photo.
- Compare the patient's skin color in the photo with the natural skin color.
- Do the color patterns of the natural iris match those on the photo printout?




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How are photos evaluated?

Important note:

Orders can only be processed if the **required documents** are **complete**! The photo prints must be available as **hard copies** on **photographic paper** and comply with the photo guidelines. In addition, only one **image** of the healthy eye that is to be used for production may be **signed**.



CUSTOMFLEX® ARTIFICIAL/IS

ORDER FORM

FROM

Name and company: _____

Address: _____

City: _____

Phone/Fax: _____

E-mail: _____

PLEASE SEND TO HUMANOPTICS

HumanOptics Hearing AG

Spitzenstr. 6, 30559 Hagenberg (Germany)



DISTRIBUTE BY:

I, the undersigned, hereby order a custom-made ARTIFICIAL/IS as follows:

Surgeon certificate no.: _____

For and from your personal responsibility after completion of the Certification Confirmation.

Patient ID no.: _____

Eye to be treated: ☐ RE  ☐ LE 

Artistic type: ☐ conventional ☐ acquired

Model selection:

- ☐ ARTIFICIAL/IS with Fiber
For laser wear without a refractive index of at least 1.40.
- ☐ ARTIFICIAL/IS Fiber Free
Designed for wear with and without fiber.
Surgeon: Please provide with appropriate technique.

Standby selection: ☐ with one or ☐ with two standby (implants)
(Always ordering for the two eyes)

Notes: Please note that the order is subject to our general terms and conditions. They can be found at www.humanoptics.com for the UK, outside the responsibility and is intended to be used exclusively for the eye after surgery.

Plasma (range 0.0 - 2.0 mm in 0.5 mm steps) are available on request (particular conditions apply).
Please contact your customer service to check your supply options.

Please ensure that you enclosed the following documents to your order and make sure they comply with our photo directives:

Check-list:

- ☐ Photo printout for production
- ☐ Photo printout of each eye as a separate
- ☐ Photo printout of both eyes together as one

For the wear of glasses and additional order of glasses or magnification, please provide your details and/or your customer service request and send to the order department. When the order is received, the order department will be responsible for the correct production of the glasses and the order of the glasses. Please note that the order of the glasses is not included in the price of the glasses. Please note that the order of the glasses is not included in the price of the glasses.

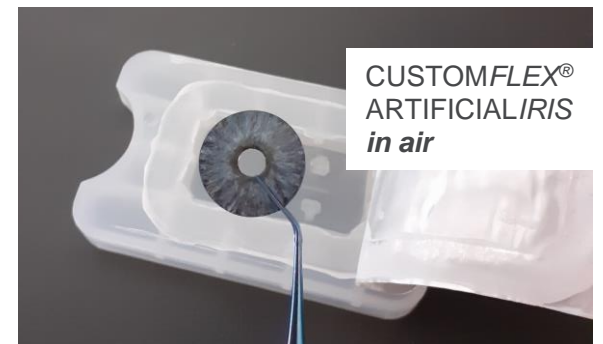
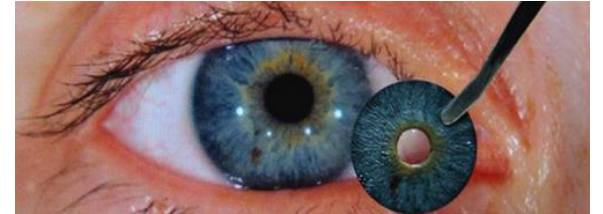
In case of cancellation of the order, the order department will be responsible for the cancellation of the order and will not be responsible for the order.



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Disclaimer

- The color of a CUSTOMFLEX® ARTIFICIAL/IRIS corresponds to the photo template, but slight color deviations are possible due to the individual manual color application process.
- The appearance and color of the ARTIFICIAL/IRIS in air is slightly darker compared to the product delivered in saline solution and in the eye after implantation.
- Ambient lighting can affect the appearance, color or luminosity of the product
- ARTIFICIAL/IRIS SELECT Color Chart- The colors printed on the color chart were all photographed in saline solution. The colors of the prints in the color chart may differ slightly from the actual product due to the manual dyeing process during production.



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Summary



- ✓ A **good photo** print is the key to a perfect color-matching **CUSTOMFLEX® ARTIFICIAL/IRIS**
- ✓ The **right equipment** is essential for taking good photos.
- ✓ **Only you** on site can check that the photo print matches the natural iris



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