ARTIFICIAL IRIS
FOR TREATMENT OF COMPLETE OR PARTIAL ANIRIDIA

Leading Technology  Premium Quality  Customized Service  Global Experience

WWW.ARTIFICIAL-IRIS.COM
ANIRIDIA

Complete or partial aniridia usually leads to varying degrees of visual symptoms and ocular problems. Many individuals with aniridia may feel further affected by the nonaesthetic aspect of their eyes. Thus, management of aniridia is a challenge, and often an iris reconstruction using prosthetic devices is required. HumanOptics (Dr. Schmidt Intraocularlinsen), in collaboration with Professor H.-R. Koch (Bonn, Germany), developed the ArtificialIris to treat aniridia successfully.

WHY THE ARTIFICIALIRIS?

The ArtificialIris is the only foldable iris prosthesis that offers a means of treating both the clinical and aesthetic problems of aniridia, allowing patients to get back to normal daily activities quickly.

BENEFITS

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<tr>
<th>Biocompatibility</th>
<th>Long and safe track history of highly biocompatible medical-grade silicone**</th>
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<tbody>
<tr>
<td>Foldability</td>
<td>Flexible material that can be folded and inserted through small incisions</td>
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<td>Versatility</td>
<td>Intended for placement in the ciliary sulcus or in the capsular bag</td>
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<td>Can be easily sized and shaped to fit a specific iris defect</td>
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<td>Combinable with most intraocular lenses</td>
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<td>Regulated light transmission</td>
<td>Reduces photic phenomena, enhances contrast sensitivity and eliminates transillumination defects with:</td>
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<td>- a fixed aperture of 3.35 mm</td>
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<td>- an opaque black posterior surface to absorb light completely</td>
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<td>Cosmetic rehabilitation</td>
<td>Individually customized implant to mimic patient’s original iris appearance</td>
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* Pictures are courtesy of Kevin M. Miller, MD, Jules Stein Institute, University of California, Los Angeles, USA
** Silicone material identical to the silicone used in HumanOptics IOLs, with over 15 years of successful clinical use
APPLICATION

- Diameter of the implant: 12.8 mm
- Pupil size: 3.35 mm
- For further information, please visit www.artificial-iris.com or contact customerservice@humanoptics.com

TWO MODELS ARE AVAILABLE

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<th>ARTIFICIALIRIS with Fiber</th>
<th>ARTIFICIALIRIS Fiber Free</th>
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<tr>
<td>For cases where suturing is indicated</td>
<td>For cases where suturing is not indicated</td>
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The implant can be individually sized and shaped

PLEASE NOTE:
The ArtificialIris is intended for placement in the posterior chamber, not in the anterior chamber. Please also note that the procedure in phakic eyes must be combined with the natural lens removal followed by IOL implantation, even if no cataract is apparent. The ArtificialIris is not intended for cosmetic color change.

“*When I looked in the mirror the first time … I cried with joy. I had never expected such a beautiful result.*”

Patient statement after implantation of ArtificialIris. Translated from German.

Aniridia Europe

HumanOptics sponsors Aniridia Europe – a federation of aniridia associations across Europe.

WWW.ARTIFICIAL-IRIS.COM
“Until recently, aniridia, congenital or acquired, was an untreatable disease. The development of an artificial iris implant has completely changed the situation. With the new device it is now possible to offer an aesthetically perfect and functionally satisfactory solution for all patients with aniridia or major iris defects. The possibility to do this through a 3 mm incision is an additional benefit.” [1]

“A patient … suffered severe, disfiguring damage to her eye in a car accident as a young child. Now in her 20s, the young woman recently underwent implantation of a HumanOptics artificial iris. She called to tell me that receiving the artificial iris was one of the best things that had ever happened to her … She still calls or sends a note periodically just to remind me and my team of her happy result.” [2]

“Until now, iris reconstruction was a challenging surgical procedure requiring large sclerocorneal incisions and often resulting in poor cosmetic outcomes. With the ArtificialIris, small self-sealing incisions are possible, enabling fast visual recovery and excellent cosmetic outcomes. The device may be used for complete or partial iris reconstruction.” [3]

“The [ArtificialIris] … currently represents the best approach for eyes with cataract, intact zonules, and partial or complete aniridia…. This prosthesis can be placed inside the capsular bag in front of an IOL or in the ciliary sulcus. When implanted in the sulcus, the device does an excellent job of blocking out all light peripheral to the iris.” [4]

ARTIFICIALIRIS – STEP BY STEP

Individual production of a customized ArtificialIris takes approximately four to eight weeks upon receipt of your order. To avoid any delays in placing your order, please follow the instructions given below.

ONLINE CERTIFICATION COURSE (OCC)

HumanOptics has developed an online certification course in collaboration with an international group of iris experts. The course provides comprehensive knowledge of the ArtificialIris use and meets the new training standards. Each participant receives a certificate number which is required to proceed with the order.

PHOTO PRINTOUT

The color composition of the ArtificialIris is a custom design based on a photo printout. Since we rely on the photo printouts we receive, utmost care should be taken to ensure the best quality pictures. A guide for creating high-quality photos and printouts can be found at www.artificial-iris.com.

ORDER FORM

The order form needs to be filled out completely to avoid delays in placing orders. You can download the forms from www.artificial-iris.com. Signed photo printouts and order forms should be sent via mail to HumanOptics AG, Spardorfer Str. 150, 91054 Erlangen, Germany.

The ArtificialIris (CustomFlex) is currently subject to a US FDA clinical trial.
PROVIDES YOU WITH

- PRODUCT INFORMATION
- SURGERY VIDEOS
- ONLINE CERTIFICATION COURSE
- PHOTO DIRECTIVES
- ORDER FORM
- PATIENT INFORMATION