

IBRA® Digital Health Suite

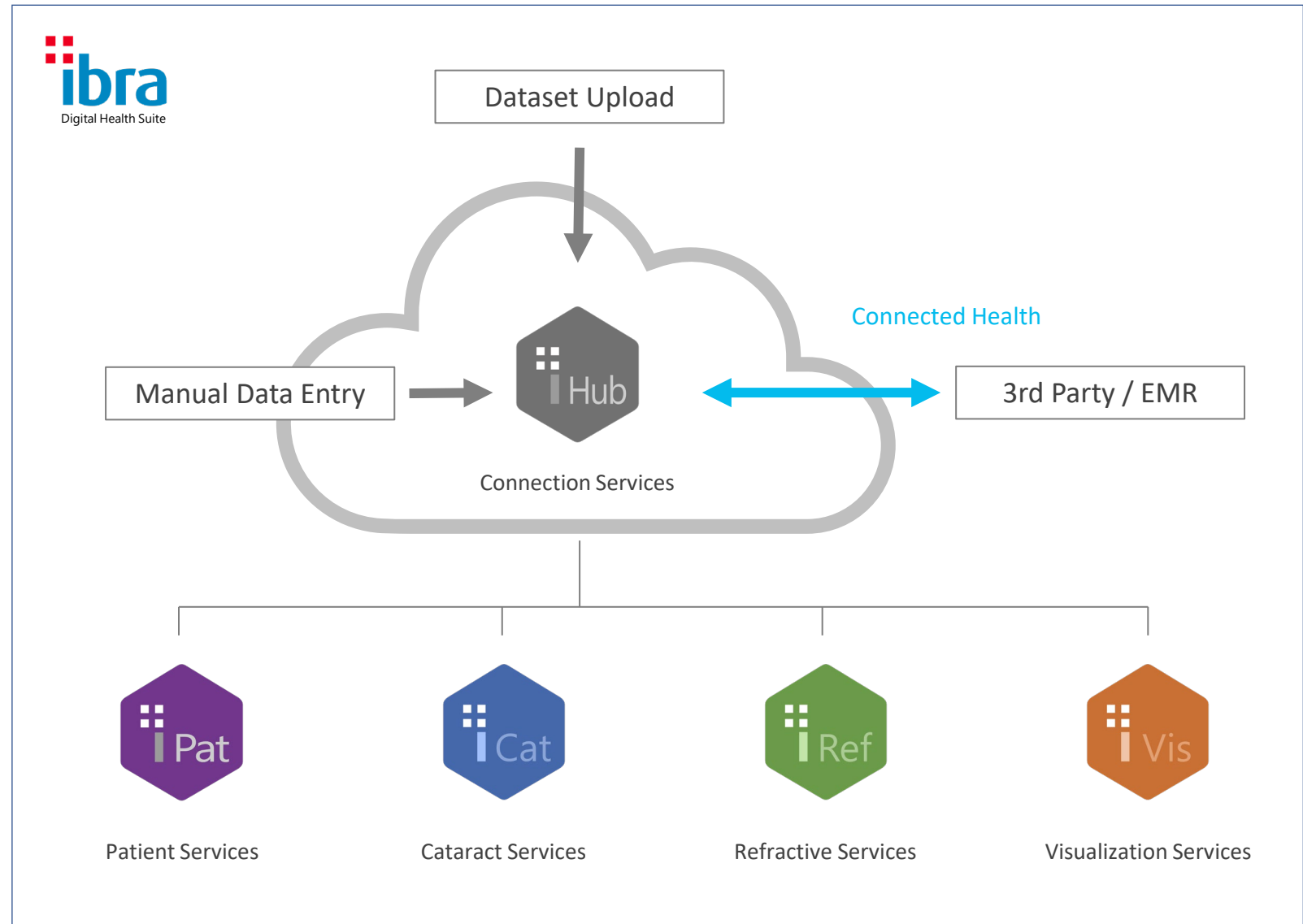
The IBRA® DHS is a web-based software system for the management and quality control of cataract and refractive surgery.

The suite offers a comprehensive range of services to surgeons, center management and medical device manufacturers, incl.

- **Cataract services:** for cataract and premium IOL surgery
- **Refractive services:** for refractive laser eye surgery
- **Patient services:** for patient education and engagement
- **Visualization services:** for dashboard presentation of surgical outcomes

A central hub connects the other IBRA services with data entry forms and 3rd party software (e.g. EMR software or laser planning software) and provides highest levels of security and scalability.

The DHS cloud is ISO 27001 and Zubisoft is ISO 13485 certified.



3 User Interfaces

Surgeon UI

Patient UI

Corporate UI

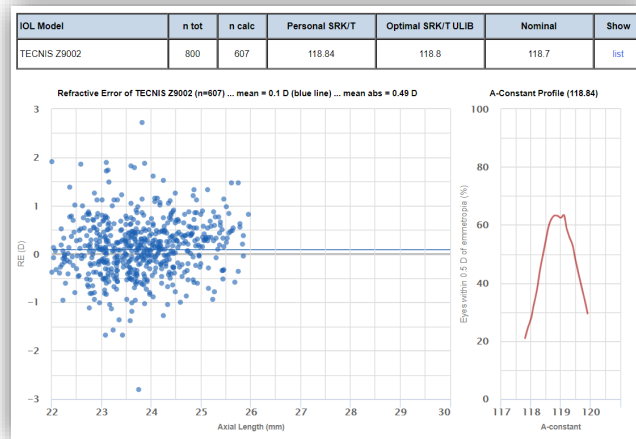
IBRA[®] Cataract Services



The Suite offers the following key cataract services:

A-Constant Optimization

Calculation of surgeon personalized a-constants, presentation of IBRA reference a-constants and new calculation formula for patient individualized a-constants.



SIA Calculation

Calculation of surgically induced astigmatism for use with toric IOLs and research.

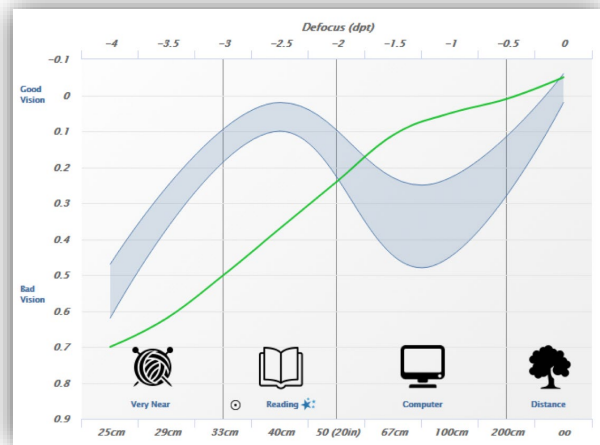




The Suite offers the following key cataract services:

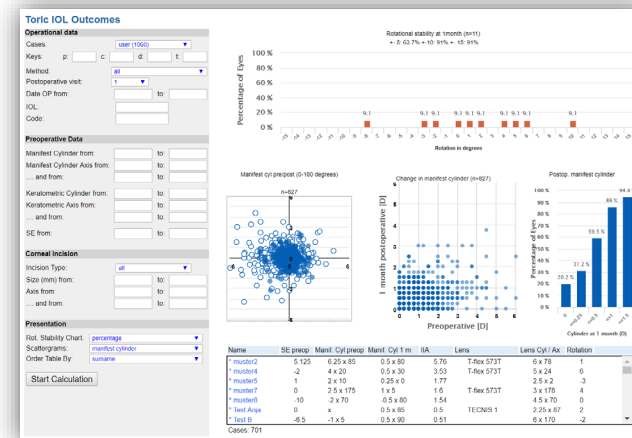
IOL Matching and Defocus Profile

Survey-based assessment of patient needs and unique algorithm to create a patient visual profile with a defocus curve of patient's visual needs. Overlapping IOL defocus curve features and best matching of IOLs.



Premium IOL Outcomes

Tables and charts reporting on astigmatic changes and progression of visual acuities at different distances following implantation of toric and multifocal IOLs.



IBRA[®] Cataract Services



The Suite offers the following key cataract services:

Patient Reported Outcomes

Quality of life and quality of vision assessment via Zubisoft's patient portal and specific digital surveys. Subjective results meet objective measures and allow comprehensive assessment of outcomes.

	Pre	Post3	Post6
Glare			
How often	2	1	-
How severe	3	1	-
How bothersome	1	1	-
Halo			
How often	0	1	-
How severe	-	1	-
How bothersome	-	0	-
Starbursts			
How often	1	0	-
How severe	1	-	-
How bothersome	1	-	-

Surgical Risk Stratification

The assessment and grading of operational risks in cataract surgery allows for better preparation and optimal matching of required surgeon skills in training hospitals.

Risk Stratification	
Very dense / brunescant / white	<input type="checkbox"/>
Pseudoexfoliation	<input checked="" type="checkbox"/>
Phacodonesis (prev. severe blunt trauma)	<input type="checkbox"/>
FED III / Severe haze, scar, dystrophy	<input type="checkbox"/>
Small eye (<21mm or >6D hyperopia)	<input checked="" type="checkbox"/>
Previous vitrectomy	<input type="checkbox"/>
Age > 88 years or age < 40 years	<input type="checkbox"/>
Big eye (>28mm or >8D myopia)	<input type="checkbox"/>
Floppy iris / Tamsulosin / Post. synechia	<input type="checkbox"/>
Deep set of eye	<input type="checkbox"/>
5 Points	
Moderate Risk	

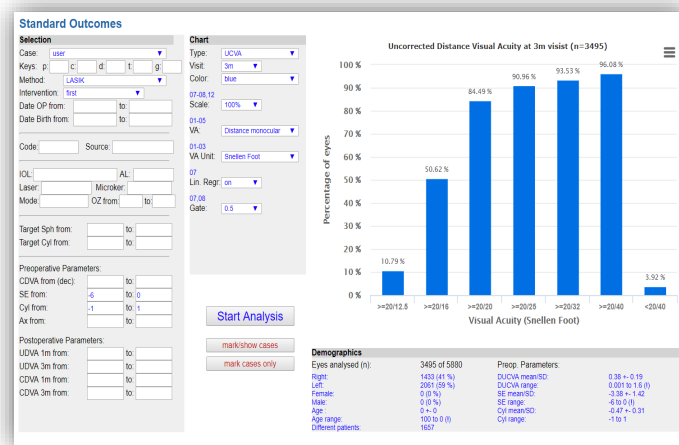
IBRA[®] Cataract Services



The Suite offers the following key cataract services:

Standard Outcome Reports

Charts and tables on visual acuities, SE and astigmatic results, with large filter section and group-to-group comparison, matching international recommendations (JCRS) regarding outcome reporting.



IBRA[®] Cataract Services



Benefits of the IBRA[®] Cataract Services

More success

- Increased refractive accuracy with a-constant optimization
- Better matching of IOL technologies to patient's expectations with visual profiler
- Higher Premium IOL conversion

Higher Productivity

- Data Integration
- Shorter consultations and better communication
- More 'first-time right' treatments
- Patient engagement with decision support

IBRA® Cataract Services



Contact us for more information

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