

IBRA® Digital Health Suite

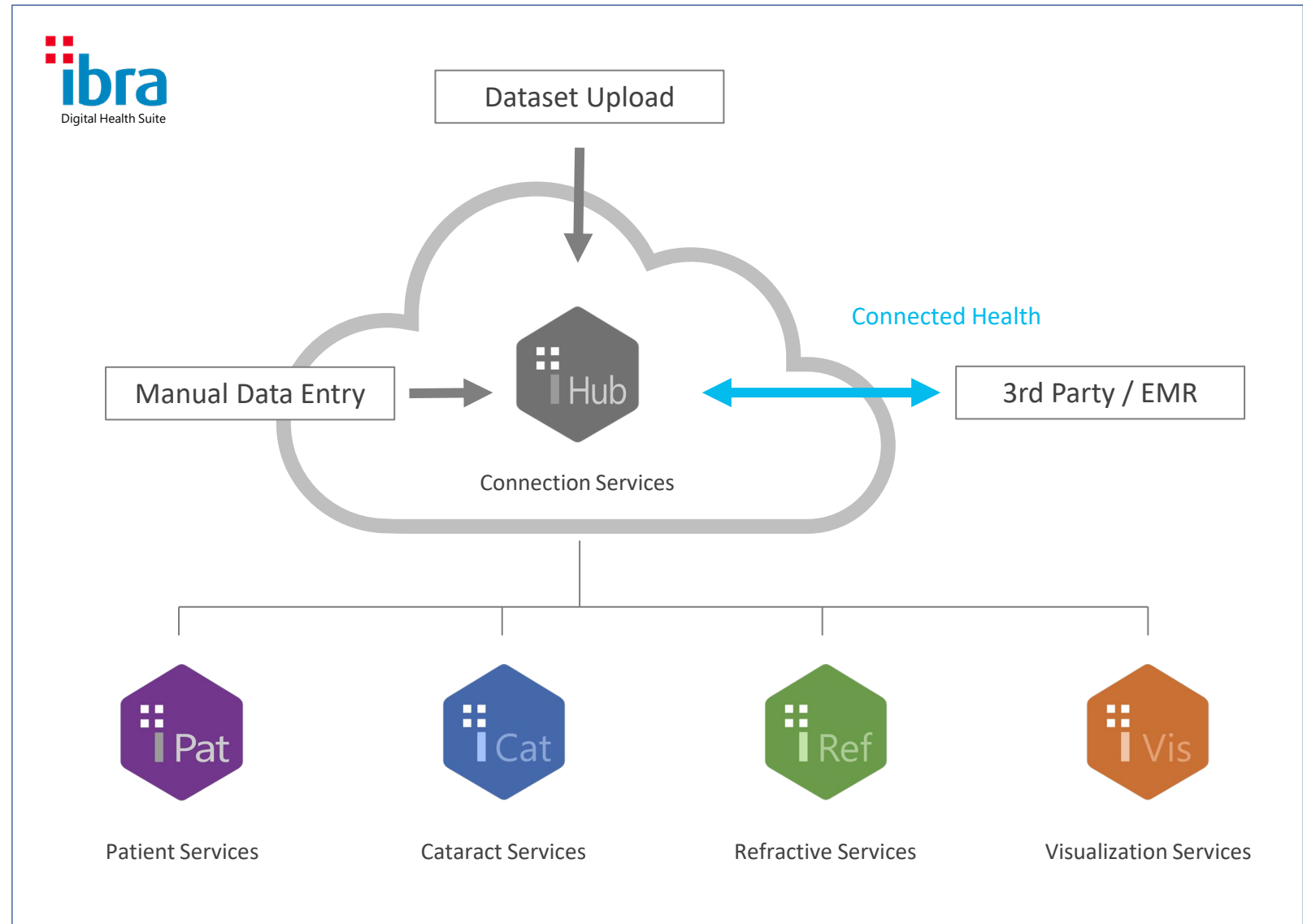
The IBRA® DHS is a web-based software system for the management and quality control of cataract and refractive surgery.

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

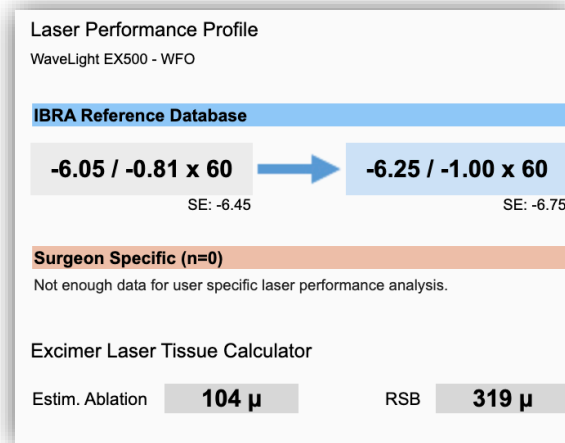
Corporate UI



The Suite offers the following key refractive services:

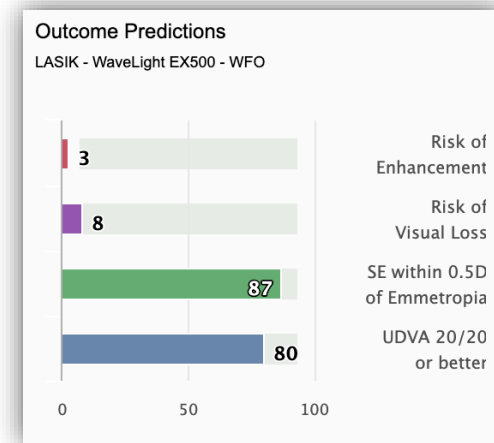
Laser Nomogram

Best-in-class reference and surgeon-specific nomograms for 11 laser platforms using proprietary algorithm with up to 9 different factors to calculate accurate laser performance profiles.



Outcome Forecasting

Case-by-case forecasting of the most important refractive and visual outcomes, with calculation of risk of enhancement and visual loss.





The Suite offers the following key refractive services:

Complexity-based Outcome Scoring

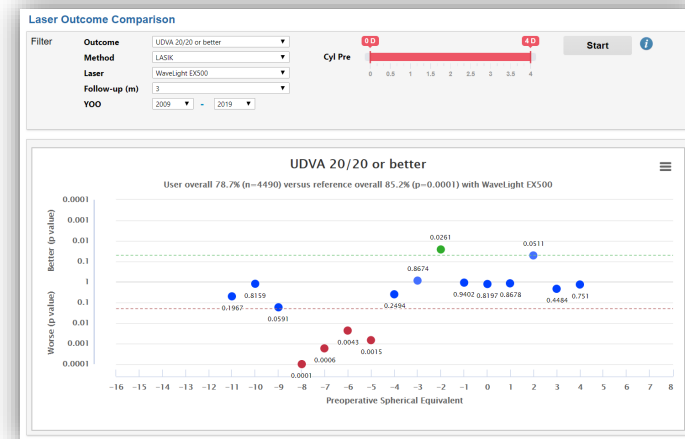
Comparison of individual laser treatments with cases from the reference database that share the same characteristics, therefore production of a true image of the quality of surgery, scored from 0 (poor) to 100 (perfect).

Clinical Effectiveness

	Score UDVA
Simple low myopia ($\leq 6D$):	62.5% (402)
Simple high myopia ($> 6D$):	52.5% (92)
Astigmatic low myopia:	57.0% (168)
Astigmatic high myopia:	48.4% (56)
Simple hyperopia:	41.9% (43)
Astigmatic hyperopia:	57.7% (24)
Mixed Astigmatism:	38.5% (2)

Peer Comparison

Unique reference standards that allow the comparison of the quality of surgery between different treatment groups, or with the IBRA reference database (peer group), with statistical testing and p-value calculation.



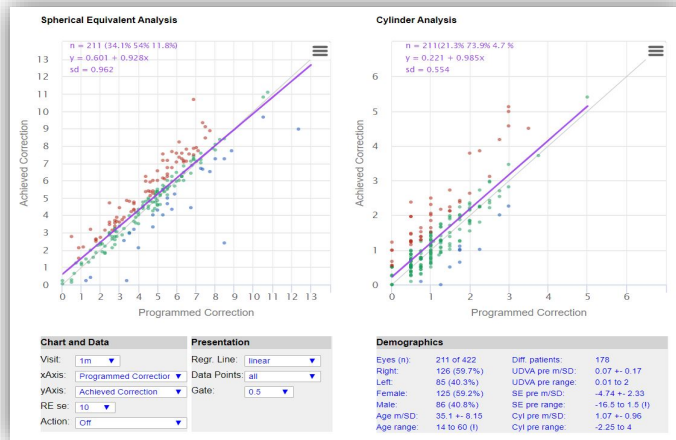
IBRA[®] Refractive Services



The Suite offers the following key refractive services:

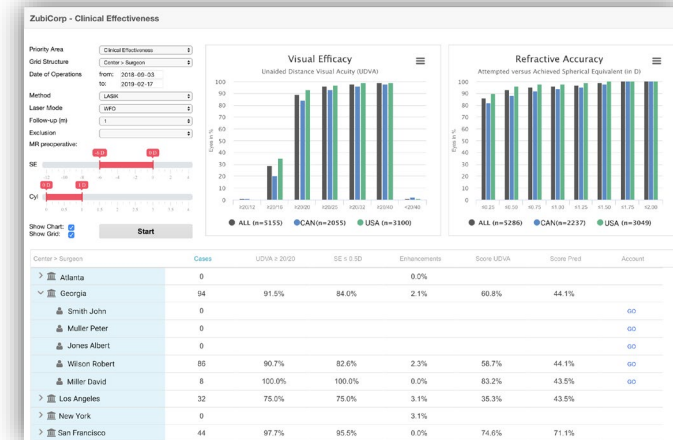
Standard Outcome Reports

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.



Outcome Dashboards (Corporate Services)

Deep management insight into the outcomes of surgery performed at a laser service provider, separate by surgeon or center, including dashboards on clinical effectiveness, patient safety, satisfaction, surgeon ranking and KPIs.



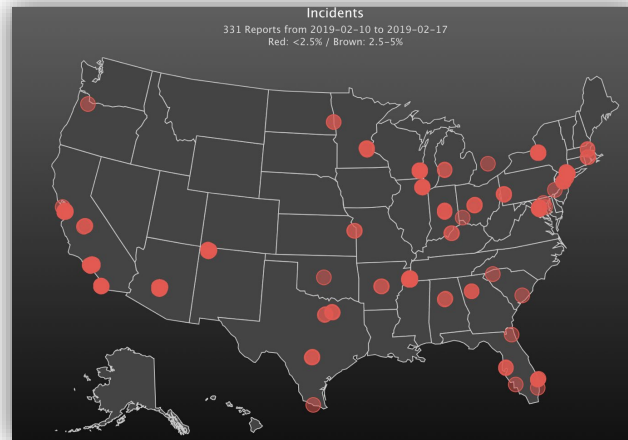
IBRA® Refractive Services



The Suite offers the following key refractive services:

Incident Reporting (Corporate Services)

Fast reporting on a wide range of clinical incidents with the use of timeline tables or geographic maps, allowing early intervention and preventive actions.



CAPA monitoring (Corporate Services)

Comprehensive dashboard showing key results and the effectiveness of CAPAs taken.



IBRA[®] Refractive Services



Benefits of the IBRA[®] Refractive Services

More success

- Increase of postoperative unaided visual acuity by 0.5 Snellen lines
- Decrease of enhancement rate by 25-35%
- Cost savings of \$8,000 - \$13,000 per year per surgeon depending on surgical volume
- Happier patients
- Wide range of supported excimer lasers: Alcon, Schwind, VISX, Technolas, Zeiss

Higher Productivity

- Data Integration
- More 'first-time right' treatments
- Corporate management tools and outcome reports for laser service providers

IBRA® Refractive Services



Contact us for more information

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