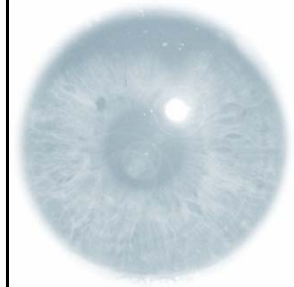


How to export your data to the EUREQUO online Database



Guidelines for the data export
from Datagraph-med 4.08 or
higher to the EUREQUO online
database.

Why using Datagraph-med?

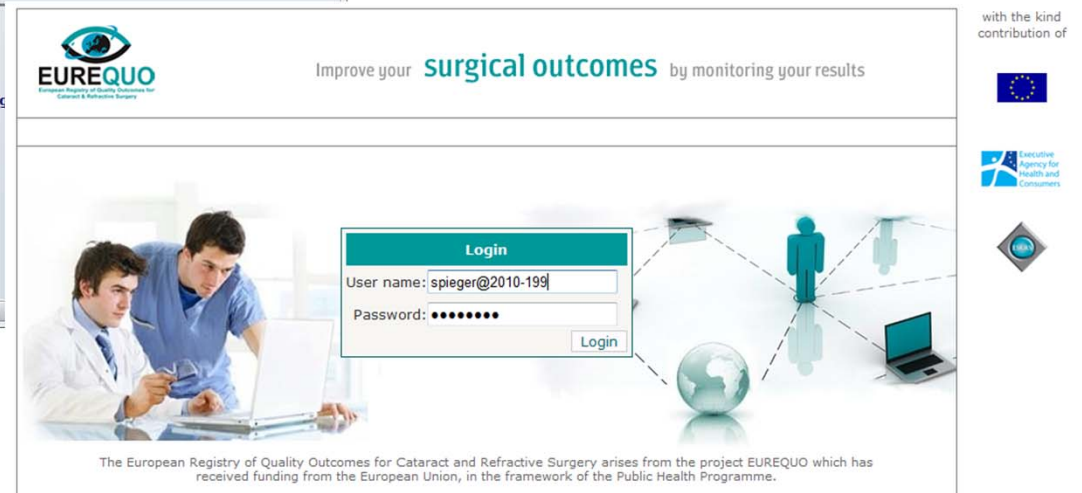
- Datagraph-med is a powerful offline Database for cataract and refractive surgery outcomes including analysis and nomogram features.
- More parameters and more follow up data can be collected compared to the very limited EUREQUO data set
- Import/export from/to other front office software, diagnostic equipment and lasers possible.
- The user decides when and what to export to the Eurequo Database after reviewing data at his own local PC.
- Making presentation slides and writing papers is easy.

Pre-requirements



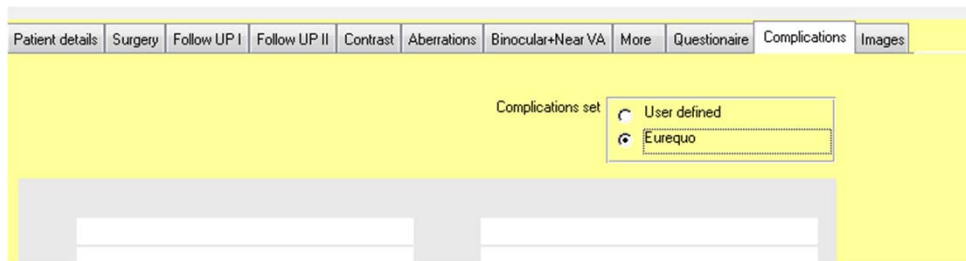
Datagraph-med 4.08 or higher

Eurequo user name and PW

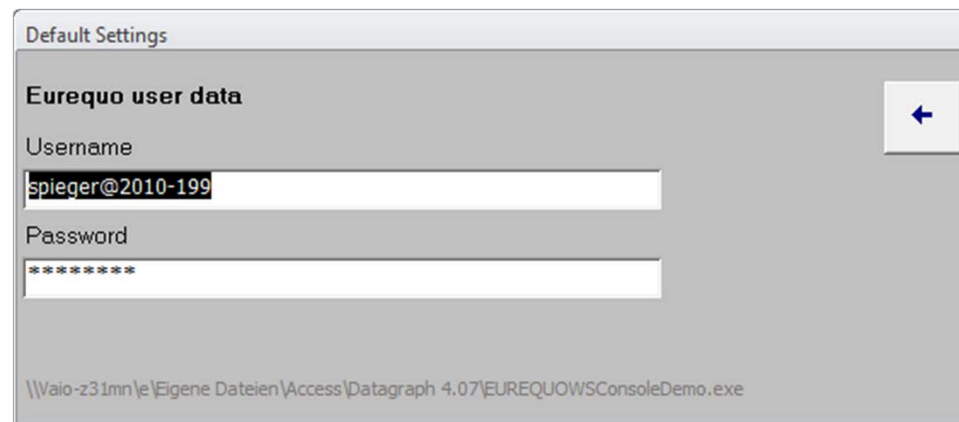


Before you start...

1. Create a new, empty Database.
2. Change default settings for complications to 'Eurequo'.

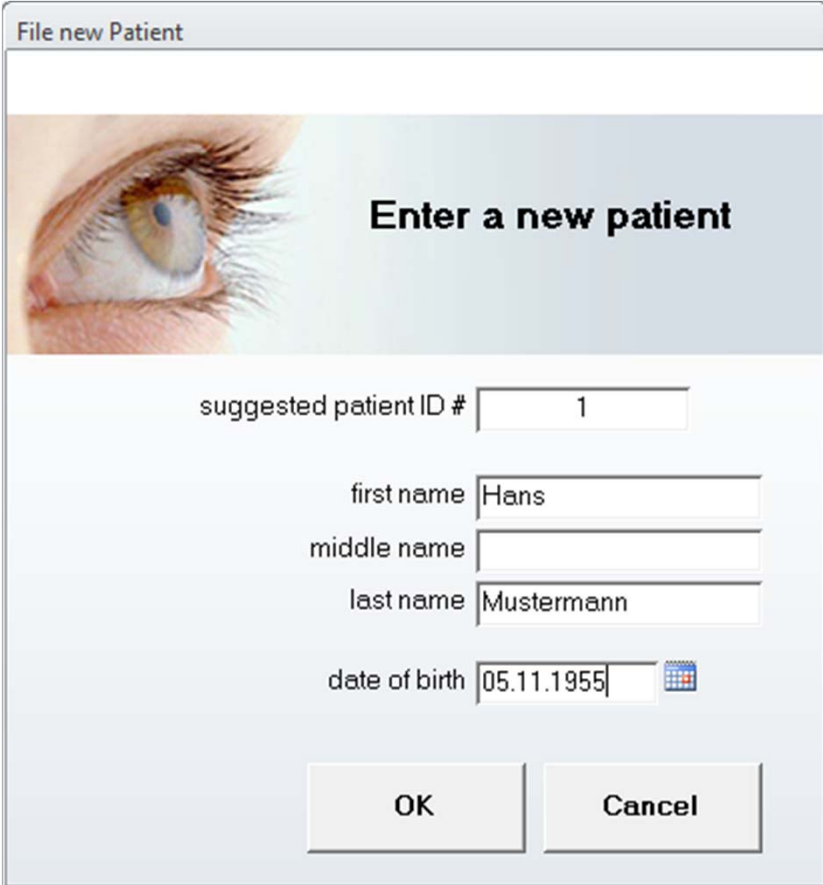


3. Enter your Eurequo Username and Password.


A screenshot of a 'Default Settings' dialog box. The dialog box has a title bar that says 'Default Settings'. Inside, there is a section titled 'Eurequo user data' with a blue arrow button to its right. Below this section, there are two input fields. The first is labeled 'Username' and contains the text 'spieger@2010-199'. The second is labeled 'Password' and contains a series of asterisks '*****'. At the bottom of the dialog box, there is a line of text: '\\Vaio-z31mn\\e\\Eigene Dateien\\Access\\Datagraph 4.07\\EUREQUOWSConsoleDemo.exe'.

1. File a new Patient

(the following slides are an example for exporting Cataract data)



File new Patient


 **Enter a new patient**

suggested patient ID #

first name

middle name

last name

date of birth 

2. File a new treatment

File new treatment for this patient



Enter a new treatment

suggested treatment ID
(= patient ID + eye + re-treatment nr)

treatment date 

treatment time (optional)

3. Add mandatory and optional Data

- The following slides show mandatory fields in RED.
- Optional fields which are exported to Eurequo in GREEN.
- All other fields can be used but are not exported to Eurequo.
- Cataract data may have 1 or 2 postOP data sets. Early postOP up to day 6 and/or up to 60 days 'long term' follow up.
- If only early postOP data is available at the time of export no long term follow up data can be added later → wait to export until 2 month data is entered!

Data Input Form - Datagraph-med 4.08 [F:\Users\Stefan Pieger\Desktop\neuerEurequoTest 4.08.mdb]

back | table | output | Import/Export | filter data | show all | add new | delete | Help

1. Browse... by patient name OR by treatment ID

Last, First | Eurequo7-OD-1

2. Select this patient's eye and treatment!

OD / Right Eye 1 OS / Left Eye 1

R1 pat ID # Eurequo7 treatment # Eurequo7-OD-1

Patient details | Surgery | Follow UP I | Follow UP II | Contrast | Aberrations | Binocular+Near VA | More | Questionnaire | Complications | Images

1

first name First
middle name
last name Last
street
postal code / city
Country
phone private/business
e-mail

gender male
date of birth 07.11.1910
ethnic group Caucasian
dominant eye
ASA status ASA II
occupation
social security #

advertisement type
contact to clinic via
custom 3 (text combo)

☐ knows our homepage
☐ attended patient information event
☐ filled out informed consent
☐ custom 1 (yes/no)
☐ custom 2 (yes/no)

remarks

eye color

photopic mesopic scotopic

pupil diameter [mm]

preOP correction by
duration of use years

surgery fee
received ☐

referred by
comanagement fee
paid on
acknowledgement
sent on

1 patients, 2 treatments 26.11.2010 © 1998 - 2010 Pieger & Moerschbacher

Formularansicht Num

Data Input Form - Datagraph-med 4.08 [F:\Users\Stefan Pieger\Desktop\neuerEurequoTest 4.08.mdb]

back table output Import/Export filter data show all add new delete Help

1. Browse... by patient name OR by treatment ID

Last, First Eurequo7-OD-1

2. Select this patient's eye and treatment!

OD / Right Eye 1 OS / Left Eye 1

R1 pat ID # Eurequo7 treatment # Eurequo7-OD-1

Patient details Surgery Follow UP I Follow UP II Contrast Aberrations Binocular+Near VA More Questionnaire Complications Images

2

group A

surgeon

treatment date 01.03.2010 age@OP 99

refraction group myopic

preOP Subj. refr. -2.00 -0.50 170

preOP Autorefr.

preOP Cyclorefr.

preOP WF refr.

target refraction 0.00 0.00 180

IOL Cataract surgery type

duration of surgery (min)

incision orientation [°]

incision size (mm)

Pachy preOP [µm] 520

IOL operation type phaco+filtering surgery+PCL

YAG capsulotomy

YAG iridotomy

presbyopia correction ☒

type of anaesthesia topical

anterior chamber depth (mm)

white to white (mm)

axial length (biometry) (mm)

axial length (IOL Master) (mm)

lens thickness (mm)

remarks

IOL surgical device

IOL manufacturer

IOL name

IOL material PMMA

optical / total diameter

IOL SA [µm @ 6mm]

IOL near add

IOL power (sph cyl axis) 13.00 -2.00 [D] 150 [°] 4.00 [D]

A Constant

Surgeon factor

Premium IOL type multifocal toric

☒ aspheric IOL

☐ yellow IOL

IOL

IOL formula

custom 4 (IOL/piOL)

custom 5 (IOL)

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Formularansicht Num

1. Browse... by patient name OR by treatment ID

Last, First Eurequo7-OD-1



2. Select this patient's eye and treatment!

OD / Right Eye

1

OS / Left Eye

1

R1

pat ID # Eurequo7

treatment # Eurequo7-OD-1

Patient details Surgery Follow UP I Follow UP II Contrast Aberrations Binocular+Near VA More Questionnaire Complications Images

3

group A

treatment date / time 01.03.2010

refraction group MyoAsti

type of surgery IOL Cataract

refractionist

preOP Autorefr.

preOP Cyclorefr.

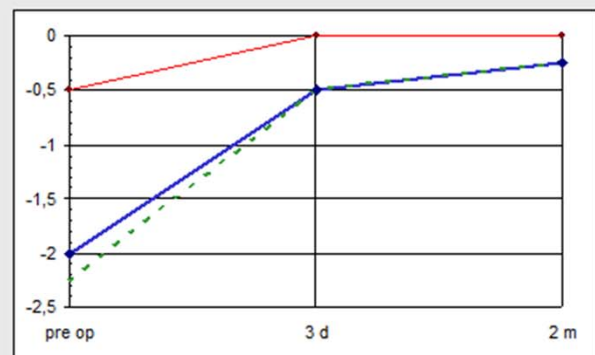
preOP WF refr.

target refraction 0,00 0,00 180

exclude eye from analysis

amblyopic

FU_Date	month	UDVA	SPH	CYL	AXIS	SEQ	CDVA	BVD
01.03.2010	pre op	0,5	-2,00	-0,50	170	-2,25	1,0	12,0
04.03.2010	3 d	0,8	-0,50	0,00	180	-0,50	1,0p	12,0
06.05.2010	2 m	1,0	-0,25	0,00	180	-0,25	1,2	12,0

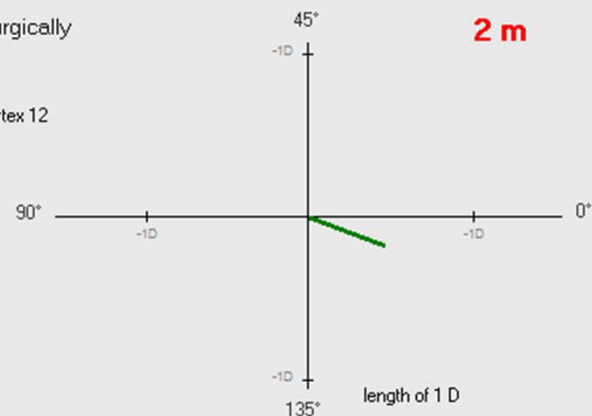


subj. refraction over time

sph cyl seq

Cylinder Vector PreOP, PostOp and SIRC (Surgically Induced Refractive Change)

	SPH	CYL	AXIS	@ Vertex 12
preOP	-2,00	-0,50	170	
postOP	-0,25	0,00	180	
SIRC	-1,75	-0,50	170	
Error of Angle			0	
Cylinder reduced by			100,00%	



1 patients, 2 treatments

26.11.2010

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Follow up as date (<= treatment date for pre op values)

Num

Data Input Form - Datagraph-med 4.08 [F:\Users\Stefan Pieger\Desktop\neuerEurequoTest 4.08.mdb]

back | table | output | Import/Export | filter data | show all | add new | delete | Help

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treatment # Eurequo7-OD-1

R1

Patient details | Surgery | Follow UP I | Follow UP II | Contrast | Aberrations | Binocular+Near VA | More | Questionnaire | Complications | Images

Cycloplegic Rx 4 Autorefractometer Rx Keratometry

month	SPH_CR	CYL_CR	AxisCR	SEQ(CR)	BVD(CR)	SPH_AR	CYL_AR	AxisAR	BVD(AR)	K 1	K1 AXIS	r1	K 2	K2 AXIS	r2	avg.K
pre op					12,0				12,0	41,0	150	8,2	42,0	152	8,0	41,5
3 d																
2 m										40,1	200	8,4	43,2	150	7,8	41,65000
*																

remarks

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Formularansicht Num

Data Input Form - Datagraph-med 4.08 [F:\Users\Stefan Pieger\Desktop\neuerEurequoTest 4.08.mdb]

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1. Browse... by patient name OR by treatment ID

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R1 pat ID # Eurequo7 treatment # Eurequo7-OD-1

Patient details | Surgery | Follow UP I | Follow UP II | Contrast | Aberrations | Binocular+Near VA | More | Questionnaire | Complications | Images

5

Near and Intermediate Visual Acuity, Accomodation Amplitude, Near Addition

month	UNVA	CNVA	UIVA @60	CIVA @60	UIVA @80	CIVA @80	Near w.Dist	AccAmp	Near A
pre op									
2 m	20/160-	20/25	20/40						

Monocular and binocular near and intermediate vision data is mandatory only IF 'presbyopic treatment' has been selected!

Binocular far, near and intermediate Visual Acuity

month	Bin. CDVA	Bin. UDVA	Bin. UNVA	Bin. CNVA	Bin NVA w.Dist	Bin. UIVA @6	Bin. CIVA @6	Bin. UIVA @8	Bin. CIVA @8
pre op									
2 m	1,25			20/16		20/30 /32+			

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Follow up in months (0 = pre op values) Num

Data Input Form - Datagraph-med 4.08 [F:\Users\Stefan Pieger\Desktop\neuerEurequoTest 4.08.mdb]

back | table | output | Import/Export | filter data | show all | add new | delete | Help

1. Browse... by patient name OR by treatment ID

Last, First | Eurequo7-OD-1

2. Select this patient's eye and treatment!

OD / Right Eye 1 OS / Left Eye 1

pat ID # Eurequo7
treatment # Eurequo7-OD-1

Patient details | Surgery | Follow UP I | Follow UP II | Contrast | Aberrations | Binocular+Near VA | More | Questionnaire | Complications | Images

Complications set: User defined, Eurequo

6

IntraOP: posterior capsule rupture
☐ IntraOP: vitreous loss
☐ IntraOP: dropped nucleus
☒ IntraOP: iris damage
☐ IntraOP: other
☐ -
☐ PostOP early: central corneal oedema/striae
☐ PostOP early: elevated IOP (>30 mm HG)
☐ PostOP early: explantation
☐ PostOP early: other

PostOP later: persistent central corneal oedema/striae
☒ PostOP later: reduced vision due to opacities in the posterior capsule
☐ PostOP later: uveitis with need for medication
☐ PostOP later: endophthalmitis
☐ PostOP later: uncontrolled elevated IOP
☐ PostOP later: explantation
☐ PostOP later: other
☐ Special intra OP complication
☐ Special early post OP complication
☐ Special late post OP complication

decentration [mm]
 direction

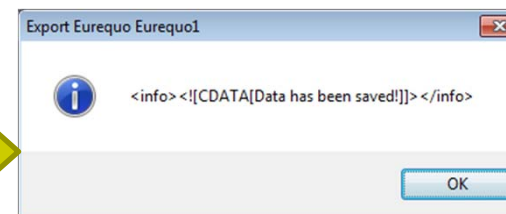
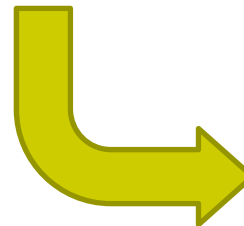
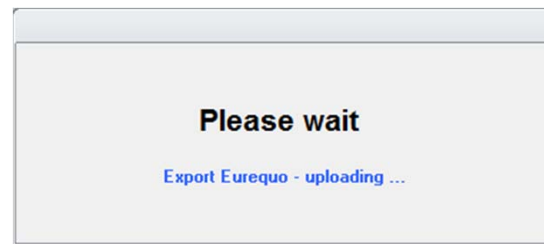
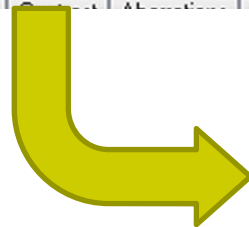
other complications

co eye disease glaucoma
 complicating comorbidity corneal opacities
 additional surgery limbal relaxing incision (LRI)
 preexisting Macula degeneration ☒

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Formularansicht Num

4. Upload to Eurequo Database



5. Verify and Finalize transferred Data



Improve your **surgical outcomes** by monitoring your results

Home spieger@2010-199 Logout [19:36]

Navigation

- Registry
- Form manager
- Reporting
- My profile

News

EUREQUO NEWS

The EUREQUO system, which is designed to improve standards of care as well as develop evidence-based guidelines for cataract and refractive surgery is now live across all participating countries (Austria, Belgium, Denmark, Germany, Greece, Hungary, Ireland, Italy, Norway, Slovakia, Sweden, Turkey and the UK).

Creating such a Europe-wide network of national registries requires considerable administrative, technical and logistical planning. As lead partner for the EU-funded project, the ESCRS is working closely with the various national ophthalmological societies to create effective registries to ensure maximum adoption of the EUREQUO system and the efficient implementation of the data collection.

However, while the ESCRS is responsible for coordinating the overall project manager in each participating country who will play the vital frontline role in the EUREQUO initiative. Their job is to solicit the support of relevant national societies and medical organisations with a final objective that the national smoothly integrated into the overall EUREQUO network.

with the kind contribution of





Improve your **surgical outcomes** by monitoring your results

Home > Form manager spieger@2010-199 Logout [19:45]

Form manager

Pat no. Created by SPIEGER@2010-199 From surgery date 01/06/2010 to surgery date

Pat no.	Form type	Eye	Created at	Created by	Physician	Date of surgery	Status	
5122-OS-1	CataractV2	OS	21/10/2010	spieger@2010-199	Herr Pieger, Stefan	26/07/2010	Saved	  
5122-OS-1	CataractV2IntraOP	OS	18/10/2010	spieger@2010-199	Herr Pieger, Stefan	26/07/2010	Saved	  
5122-OD-1	RefractiveV2	OD	28/10/2010	spieger@2010-199	Herr Pieger, Stefan	26/07/2010	Saved	  
5123-OD-1	RefractiveV2	OD	21/10/2010	spieger@2010-199	Herr Pieger, Stefan	29/07/2010	Saved	  

powered by  

Info

- User Guide(PDF)
- Cataract Coding Guidelines(PDF)
- Refractive Coding Guidelines(PDF)
- User Helpdesk:
 - Spain
 - UK
 - Germany, Austria, Switzerland
 - Greece
 - Italy
 - Hungary
 - Slovakia
 - Belgium, Luxembourg
 - Netherlands
 - Scandinavia, Iceland
- Technical Support Team



Cataract surgery complete

Patient Preoperative Intraoperative Postoperative 1-6 days **Postoperative 7-60 days**

Operated eye

☒ Date of examination* Y 2010 - M 05 - D 06

☒ Uncorrected distance VA operated eye (UDVA)* 1.00=6/6

☒ Best corrected distance VA operated eye (CDVA)* 1.00=6/6

☒ Additional refractive quality:

☒ Best corrected distance binocular VA (Binocular CDVA)* 1.25=6/5

☒ Uncorrected intermediate VA operated eye (UIVA)* 0.50=6/12

☒ Binocular intermediate uncorrected VA (Binocular UIVA)* 0.63=6/9

☒ Uncorrected near VA operated eye (UNVA)* 0.10=6/60

☒ Best corrected near VA operated eye (CNVA)* 0.80=6/7.5

☒ Binocular best corrected near VA (Binocular CNVA)* 1.25=6/5

☒ Refraction data* Sphere Cylinder Axis Alignment
-0.25 0.00 180° axis

☒ K1-values operated eye D 40 . 10 Axis 180°

☒ K2-values operated eye D 43 . 20 Axis 150°

☒ Macular degeneration known before or revealed after cataract removal* ☒ Yes ☐ No

☒ Postoperative complications* reduced vision due to opacities in the posterior

☒ Additional surgery limbal relaxing incision (LRI)

Fellow eye

☒ VA/BCVA 1.25=6/5

☒ Sph 0.00 Cyl 0.00 Axis 180°

* Mandatory
☒ Coding guidelines

Save Save and finalize

Summary

- Datagraph-med may be used to collect and analyze all your cataract and refractive outcomes data.
- Individual files can be exported to the EUREQUO online database system.
- Due to EUREQUO requirements data must be entered in certain categories.



Thank You!

www.datagraph-med.com