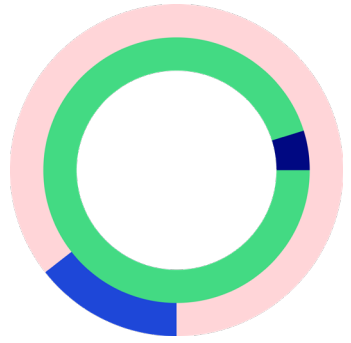


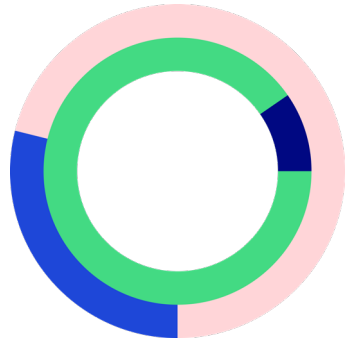
# glaucaare



glaucaare, based in Berlin, develops apps in the field of ophthalmology. We developed apps for age-related macular degeneration (AMD) and glaucoma.

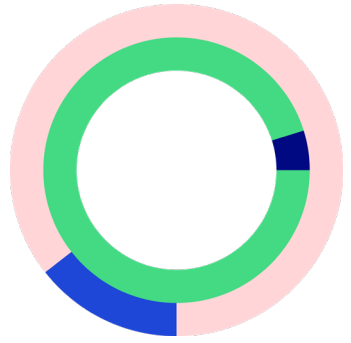
**glaucaare**  
future with vision

# glaucaare app



Our goal with this app is to address the two main problems faced by glaucoma patients: Firstly the difficulty of complying with the complicated eye drop therapy, and secondly the shortage of eye specialists in many regions.

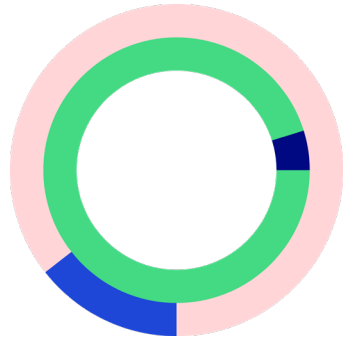
# digital assistant



The app acts as a digital assistant for glaucoma patients, so that they can manage their illness themselves.

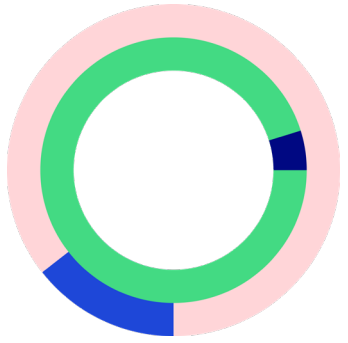
It helps to ensure the regular application of eye drops, provides a record of all the relevant parameters, and makes it easier for patients to communicate with their ophthalmologist.

# data sheet



The app automatically generates a data sheet which includes all the stored ophthalmological data and also provides an overview of the therapy compliance. The patients can send this data sheet as a PDF file to their ophthalmologist.

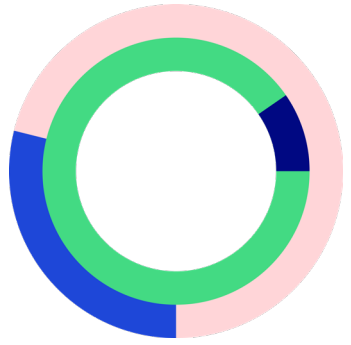
# data sheet



Datenblatt von \_\_\_\_\_ Versicherungs-Nummer: \_\_\_\_\_ Datum: \_\_\_\_\_

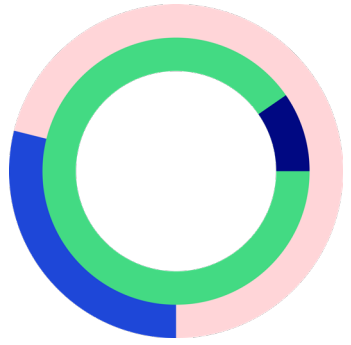
Augeninnendruck/IOD		Tensiometrie		Gesichtsfeld		Hornhautdicke	
30.02.21		21.02.21		30.02.21		30.02.21	
Links	Rechts			Links	Rechts	Links	Rechts
12 mmHg	15 mmHg			X	beginnend	585 µm	545 µm
16:20 Uhr				mäÙig		Messgeräte-Name	
Therapietreue				fortgeschritten		Normwert:	
27 28 29 30 01 02 03 04		29		Sehnerv/CDR		Nervenfaserschicht	
28 05 06 07 08 09 10 11		28		30.02.21		30.02.21	
29 12 13 14 15 16 17 18		27		Links	Rechts	Links	Rechts
30 19 20 21 22 23 24 25		26		0,8	0,9	000 µm	000 µm
31 26 27 28 29 30 31 01		25		Papille, Größe:		Messgeräte-Name	
32 02 03 04 05 06 07 08		24		X	normal	Normwert:	
33 09 10 11 12 13 14 15		23		mikro		Blutdruck	
		22		makro		30.03.21	
		21				systolisch/diastolisch	
		20				128/83 mmHg	
		19				16:20 Uhr	
		18					
		17					
		16					
		15					
		14					
		13					
		12					
		11					
		10					
		J F M A M J J A S O					
		Medikamente					
		Betaxolol					

# status



The glaucoma app is currently available in four language versions and CE-certification is pending. In Germany, the app is also being considered as an “App on Prescription” under a scheme initiated by the German Health Ministry. This involves the healthcare app undergoing a rigorous test procedure.

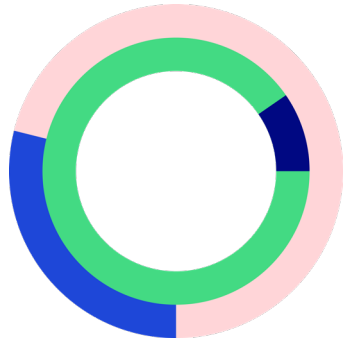
# advantages



for the ophthalmologist are:

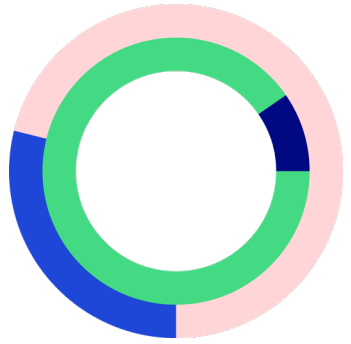
- \_ Ability to offer remote care for patients
- \_ Therapy compliance monitoring
- \_ Increased capacity to treat glaucoma patients
- \_ Possibility for costs to be covered by health insurers

# eye drop schedule





usability



■ *Eye drop schedule* ▶

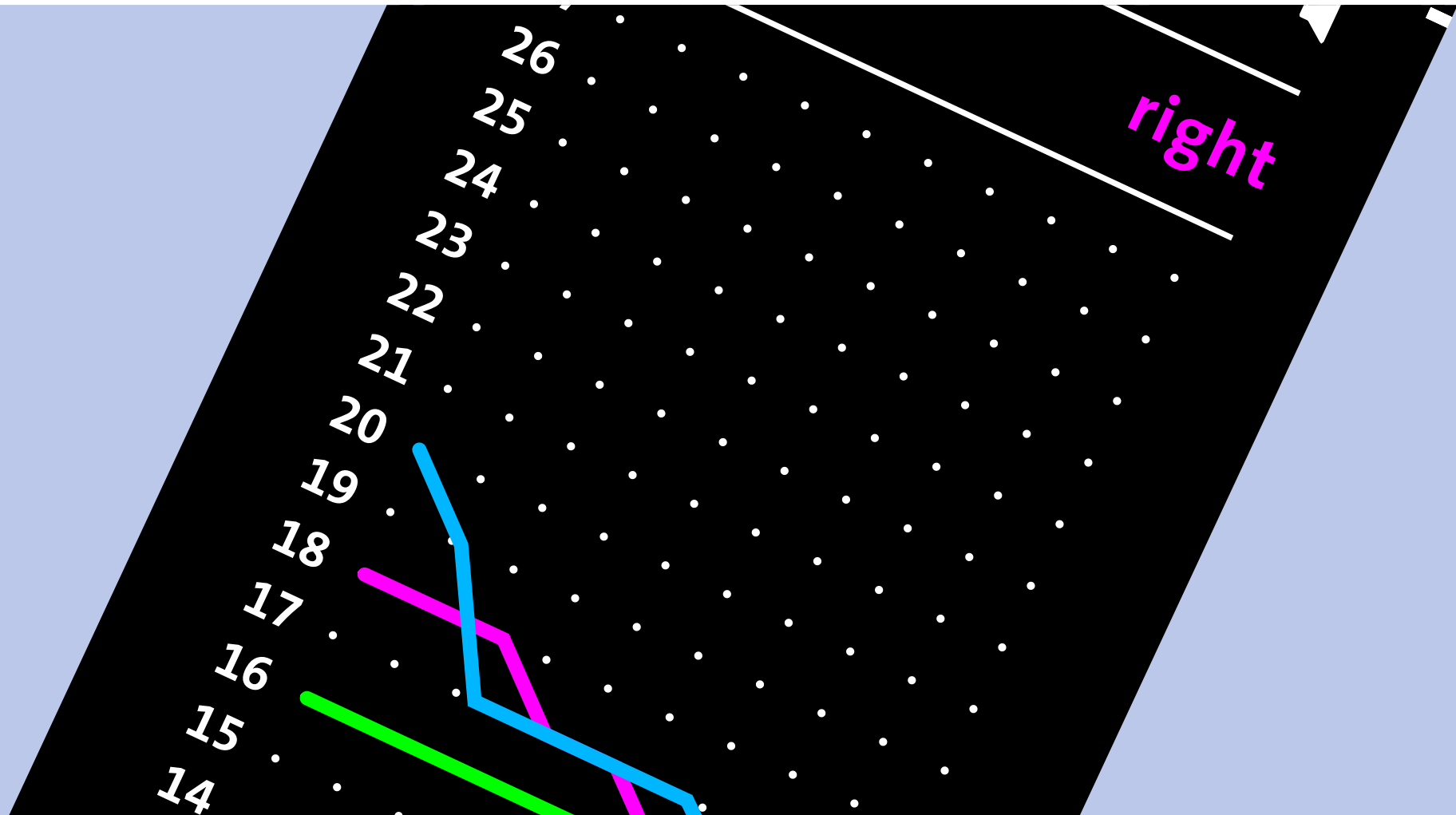
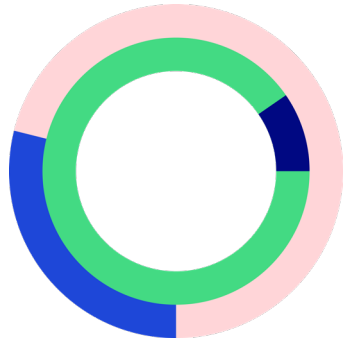
*left*

*right*

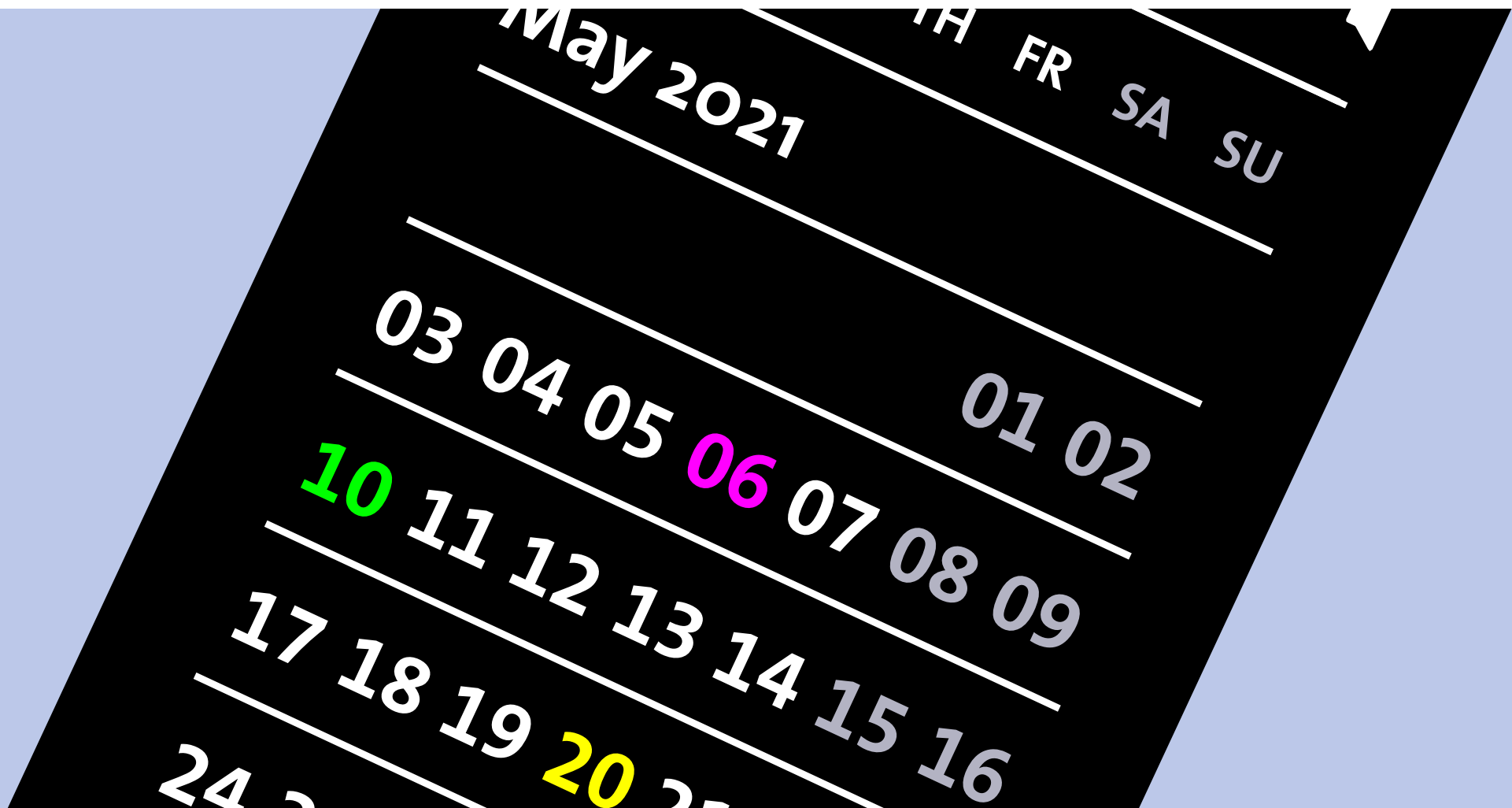
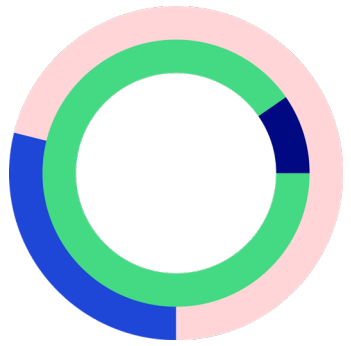
09:00

*Betaxolol*

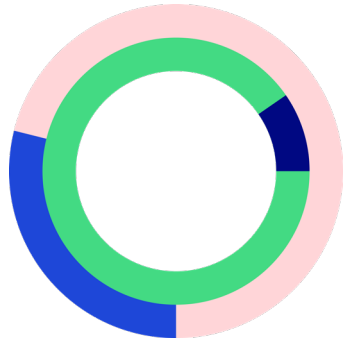
# iop matrix



# calendar

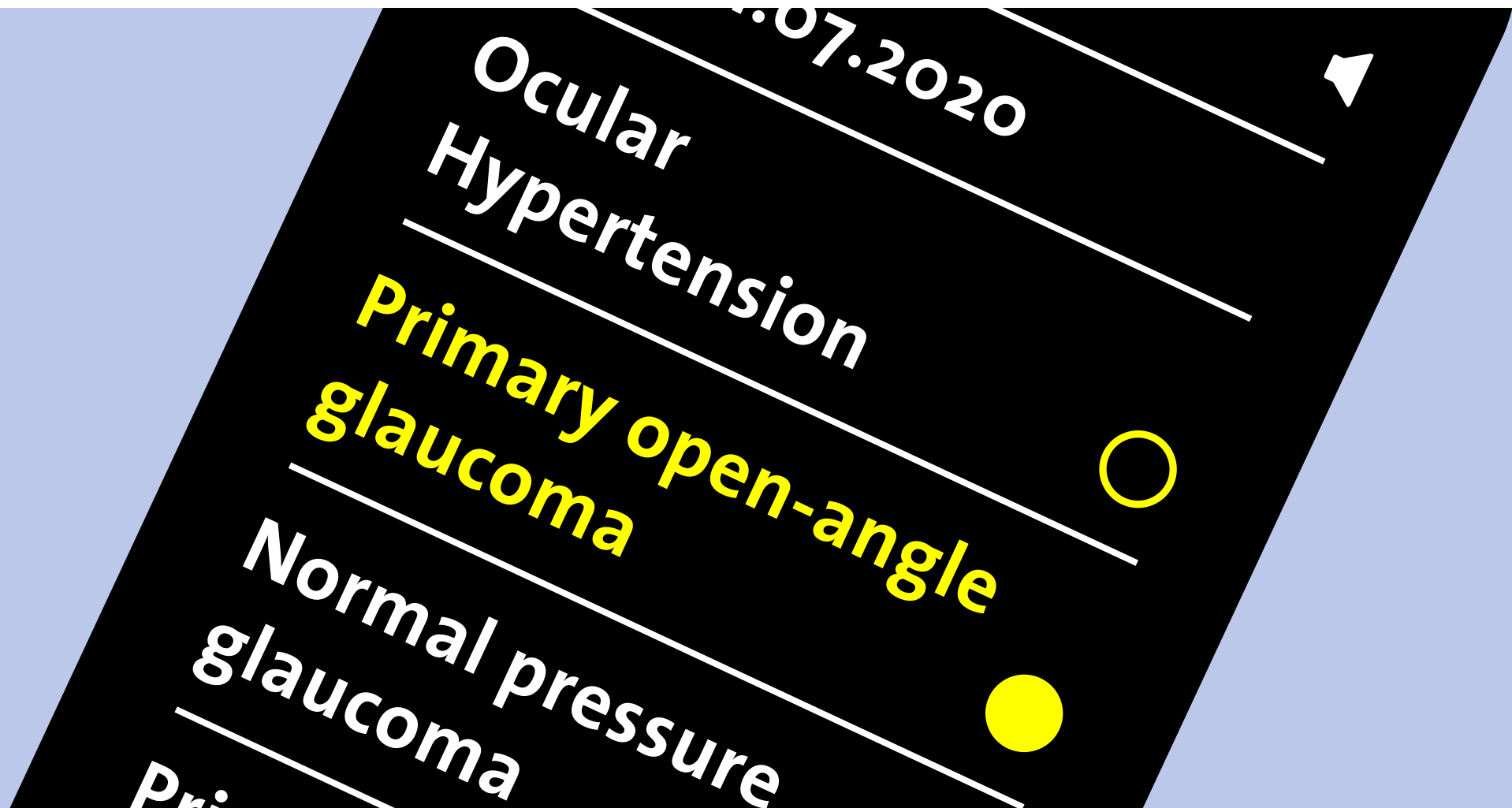
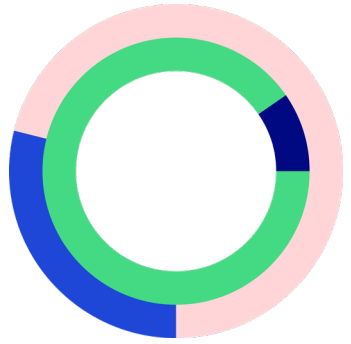


# readings

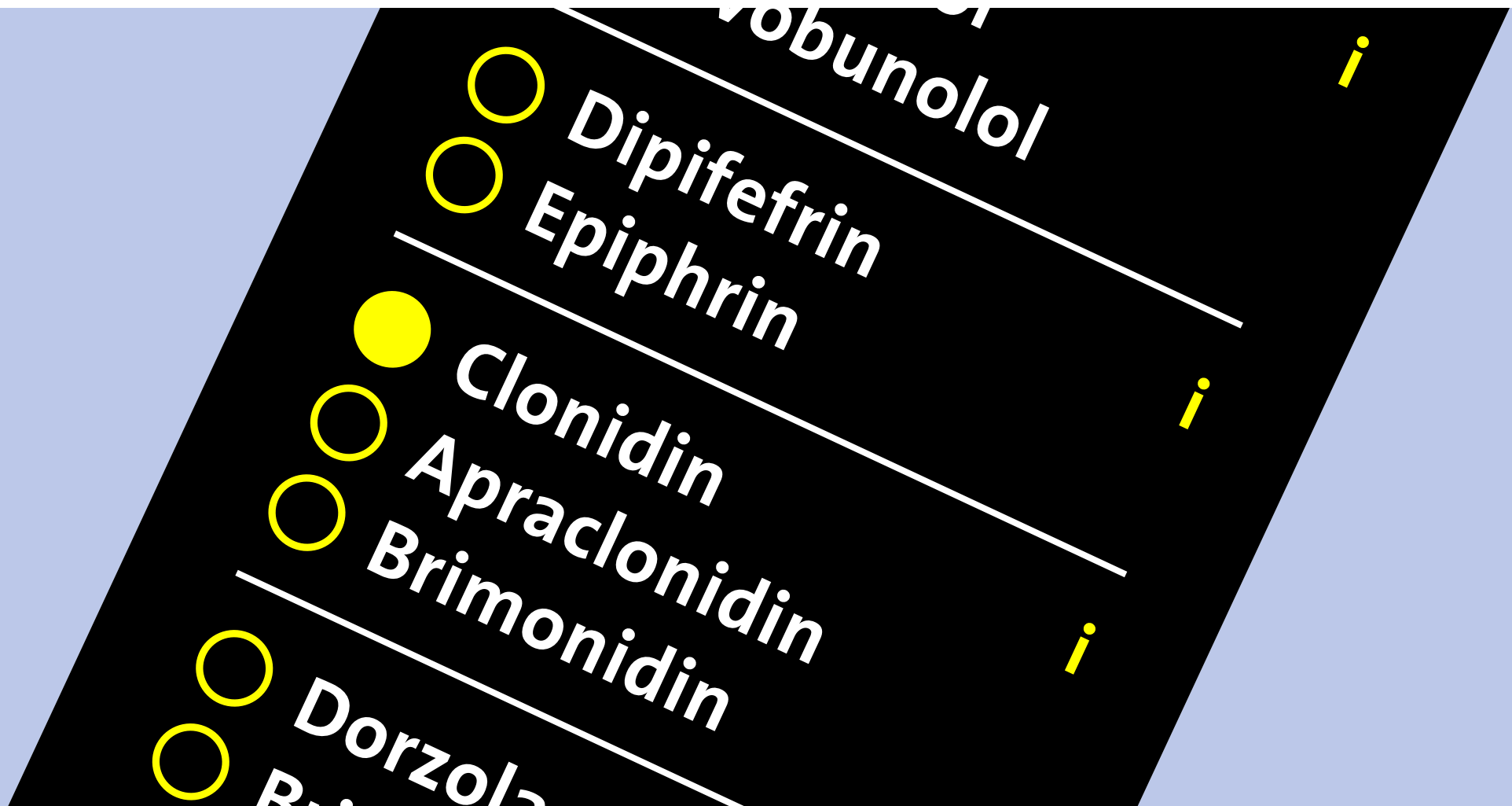
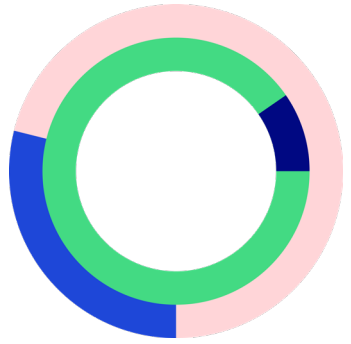


IOP value	i
IOP matrix	i
Optic nerv/CDR	i
Nerve fibre layer	i
Corneal Thickness	i
Perimetry	

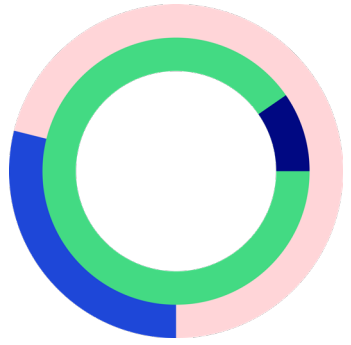
# diagnosis



# medication



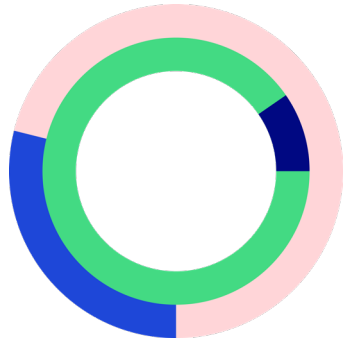
# future extensions



Data links (API) with external measuring devices:

- \_ HOME Tonometer (IOP)
- \_ Smart Camera
- \_ Blood pressure monitor
- \_ Perimetry
- \_ Others

# attention



Thank you for your...

Friedhelm Kremer

Johannes Vegt

Caro Lange

info@glau.care



app store (iOS)



play store (Android)

**glau**care  
future with vision