



### What is Amblyopia (Or Lazy Eye)?

Amblyopia is an easily treatable disease if it is diagnosed early. The most recent exciting development for occlusion exercise to treat Amblyopia is to use new glasses working with an Electronic Occlusion Systems (LCG, Liquid Crystal Glasses, Digital Closure and Liquid Crystal Glasses) There are several publications demonstrating the efficacy of Liquid Crystal Shutter (LC) devices recently. Most important, however, is the cheerful feedback from several family having used Vidi Smart Glasses for Occlusion, exhibiting good results and fast healing.

Seeing is a sense developed after birth; the sense of seeing and visual depth are learned and improved with correlation between eye and brain. During this period of development, the treatment of amblyopia can be done easily.

We would be happy if we could provide an efficient and enjoyable alternative for treating amblyopia (with Occlusion) to children and their family.



#### Technical Information

Dimensions	: L130 x W130 x H40mm
Vidi Smart Glasses Weight	: 32,2 g
Additional Frame Weight	: 2,1 g
Lens type	: Reflection coated double layer LCD
Max Voltage	: 10V
Battery Type	: Li-ion polymer 3.7V, 40 mAh, rechargeable batteries
Battery Life	: Approximately 3 days
Charger Connection	: USB Micro-B cable
Charging time	: 2 hours



## Electronic Occlusion Glasses for Amblyopia



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/amblyopi



#Vidigozluk



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## Smart Solution for Treatment of Amblyopia

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## How to Use?

With pleasure and joy.

Vidi Smart Glasses are used as regular glasses. The differences that separate Vidi glasses from a regular glasses; you should charge Vidi every 3-4 days and only have to press the ON/OFF button in order to start or stop it. Vidi should be used as cheerfully whilst playing, studying, watching TV as regular glasses. Your doctor should decide the duration of daily usage.

There is no need to struggle while using Vidi. Your child can use his/her regular prescriptions eye glasses together with Vidi by utilizing the additional frame included.

Vidi is produced for your child's OCCLUSION treatment for amblyopia, not differentiating him/her from his/her friends.

## LC Shutter (or Smart Occlusion)

### Method Advantages

1. You will not make your child to do mechanical occlusion. Your child will realize closure naturally.
2. You will not need the eyepatch for occlusion.
3. Because your child's eye is not closed mechanically, tear circulation continues at normal rates and the risk of bacteria formation will be removed.
4. This method will save your child from any allergy around the eye.
5. Amblyopia which can occur in the dominant eye when closed by an eyepatch. This will not occur with Vidi Smart Glasses because the good eye will be allowed to operate periodically even when the priority is the other eye. That is why Vidi is Smart.
6. You will not struggle with your child due to their reluctance for patching.
7. Thanks to this method your child can run daily activities just as other children do. He or she will not feel different from their friends.
8. No one will tease your child as "single eye", "pirate" etc. His or her friends will also want to have these glasses.

Vidi Smart Glasses, utilizing special Liquid Crystal Design, provides more efficient occlusion treatment. With smart electronic design, Vidi has the ability to increase the closing time gradually. This aspect will help your child to adopt more easily. **These features are unique and first in the world.**

## Unique Properties

- 1 **Efficient Occlusion**  
It will block 99,7 % of the visible spectrum of light
- 2 **Occlusion Homogeneity**  
All areas are occluded equally
- 3 **Mirror Coating**  
No one can detect from outside that there are an occlusion of one eye
- 4 **Pulsed Mode Driver System**  
Same occlusion efficiency for all the time
- 5 **Smart/Automatic Occlusion Time Increase**  
Help your child to accommodate better to the glasses and treatment
- 6 **Microprocessor Control**  
All actions are automatically controlled with this developed system
- 7 **Internal Memory**  
Saves its control software and working time
- 8 **Choosing Right/Left Eyesight Occlusion**  
Easily with a button
- 9 **User Friendly Design**
- 10 **ON/OFF Button**
- 11 **MODE Selection**
- 12 **Robust Software**
- 13 **The Warning LED in Different Colors**
- 14 **Color Option**
- 15 **Light Design**
- 16 **Reliable Production**