This Tips & Tricks provides the user with a rough overview of the new functionalities of EyeSuite. It is just a quick guide and does not replace careful reading of the instruction for use of the software. The instruction for use may be found on the installation CD-ROM and is installed with the software.
Preface
EyeSuite is able to connect to third party IOL calculation software. In this case EyeSuite is acting as a pure provider of measurement data to the third party software. Haag-Streit is not liable for any output of the third party software.

OKULIX is a program package which calculates single rays exactly. The visual impression of extended objects (e.g. Landolt's rings) can be simulated by the superposition of many rays. Diffraction from the pupil aperture is taken into account additionally. Exactly in this context means, that the refraction of rays at each optical surface is calculated using Snell's law. For a single ray passing multiple surfaces the calculation cannot be performed by analytical formulae, because otherways so-called "transcendental equations" occur which are unsolvable for principal mathematical reasons. Instead of an analytical calculation OKULIX solves the problem by numerical methods. (Source: www.okulix.de)

EyeSuite settings for OKULIX
To connect to OKULIX, EyeSuite should be set-up as follows:

- **Activation**
- **Mode:** Should be set to Manual
- **Toolbar:** Select the OKULIX Logo (Okulix.png) from the icons folder of the EyeSuite installation (e.g. C:\Program Files\Haag-Streit\EyeSuite\icons)
- **Name/menu:** Name the export OKULIX

- **Export file**
- **Format:** Select OKULIX Connector from the list. This is going to setup all parameters for direct connection to OKULIX.
EyeSuite and OKULIX, how it works.

After setting up the manual export as described above an export button is going to be available in the measurement overview screen of EyeSuite to send the biometry data on display to OXLUX and start the OKULIX software.

Click on the OKULIX button to transfer the biometry data displayed and starting OKULIX.