

Forus

Wellness Democratised



CE

3nethra

A Pre-screening Ophthalmology Device

A Pre-screening Ophthalmology Device

3nethra is a single, intelligent, portable and easy to operate pre-screening ophthalmology device that can help to screen and indicate common eye problems cataract, diabetic retina, glaucoma tools & cornea issues. The cloud based telemedicine interface enables remote diagnosis

KEY HIGHLIGHTS

- A non-mydriatic ophthalmic screening device
- Provides digital images of the anterior and posterior segments
- Can be operated by a minimally trained person
- Works on any Windows Laptop / PC
- Integrated telemedicine module enables health records management on the cloud
- Affordable & Economically priced
- Compact & Portable



3nethra classic

- Posterior Segment Imaging
- Anterior Segment Imaging
- Report Generation
- Patient Record
- Integrated Email
- Telemedicine capability



TESTIMONIALS

“ We have been using 3nethra for the last 9 months. We found the device very useful for screening diabetic retinopathy, optic disc abnormalities and also anterior segment. We found 3nethra to be very useful from patient counseling stand point also. 3nethra is very easy to use for imaging and maintaining patient records. We are very happy with the after sales support by the Forus team ”

— **Dr. V. Sambasiva Rao**
Fellow University of Illinois and Wisconsin, USA,
Joint Secretary - AIOS,
Aravinda Lasik Eye Hospital, Vijayawada

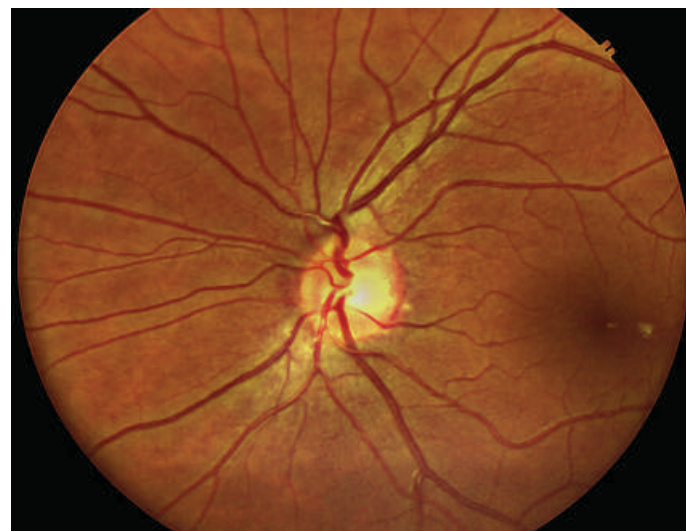
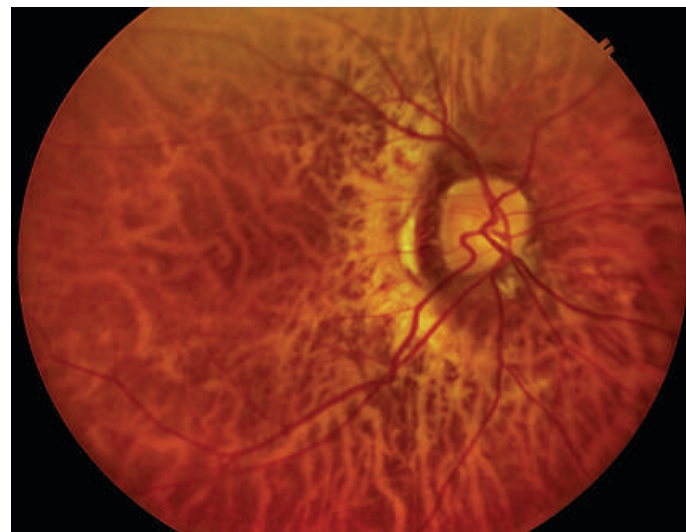
“ 3nethra is a wonderful innovation for posterior as well as anterior segment imaging. It is so user friendly and handy. I admire the clarity of the images taken in a non-mydriatic pupil, I congratulate Forus on this occasion and wish them good luck for future innovations ”

— **Dr. Soumya Sharat**
Sankara Eye Hospital, Bangalore

Features

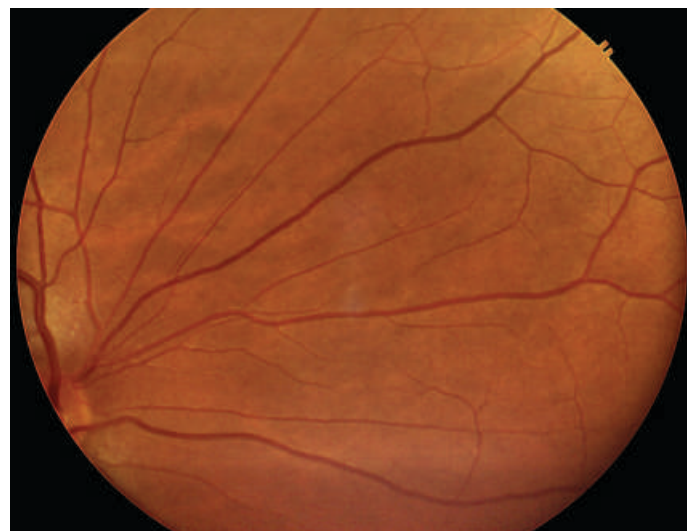
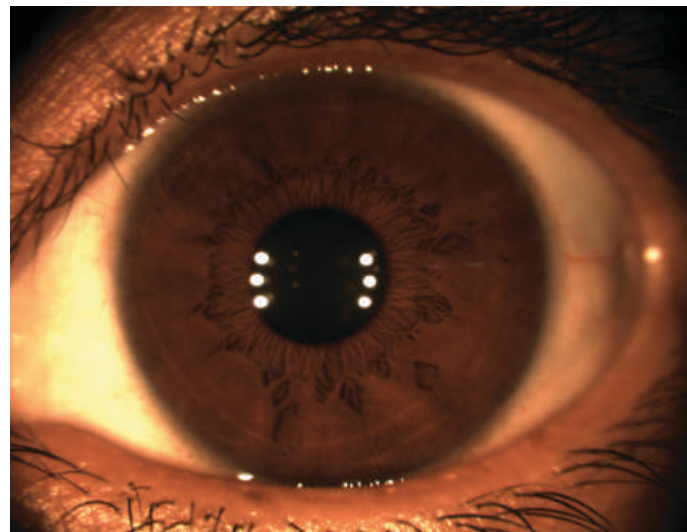
POSTERIOR SEGMENT IMAGING

- Non-Mydriatic Fundus images with 40-45 degrees field of view
- Peripheral imaging using external fixation
- Low power LED light source for image capture
- Customized settings for optic disc imaging
- Focus guidance for optimal image capture



ANTERIOR SEGMENT IMAGING

- Surface imaging for anterior segment pathologies
- Also captures near Infra-red images
- Handy tool for better patient counselling
- Image storage and retrieval for reports



REPORT GENERATION

- Automatic and manual selection of images for report generation
- Customized report template
- Single click print configuration
- Email option

PATIENT RECORD

- Unique medical record number
- Access to historical patient data

Report

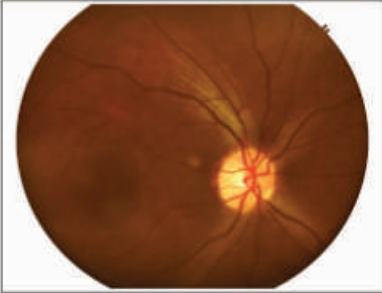
Forus Health Pvt. Ltd., Bengaluru

3nethra

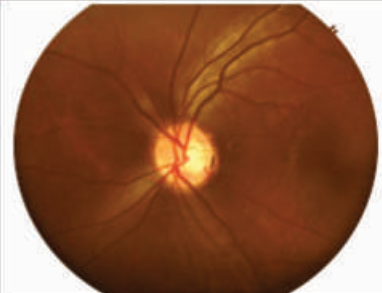
| | |
|---------------------|-------------------|
| ID: EX-0001 | Date: 22-Jul-14 |
| Name: SAMPLE NORMAL | Photographer: xyz |
| Age/Gender: 45 M | |

Symptoms:


Findings:



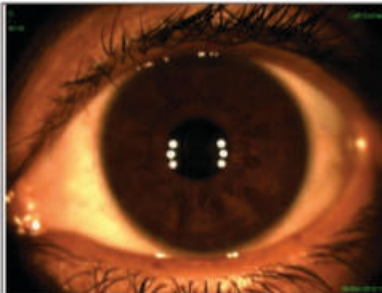
Posterior Right



Posterior Left



Anterior Right



Anterior left

3nethra is a pre-screening system. Findings here are only indicative and not conclusive. You are advised to check with an ophthalmologist for further guidance.

Upload
Print
Print Setup
Email
Save
Cancel

Add-ons

IMAGE TOOLS

- Annotation of optic disc and cup
- Computing important measurements based on annotation
- Calculation of cup - to - disc ratio
- Average rim width of I - S - N - T regions
- Storage and retrieval of annotated data
- 3-D viewer for cup
- Identification of yellow & red lesions
- Detection of corneal opacity
- Automatic detection of optic disc and cup
- Highlighting left- right anomalies



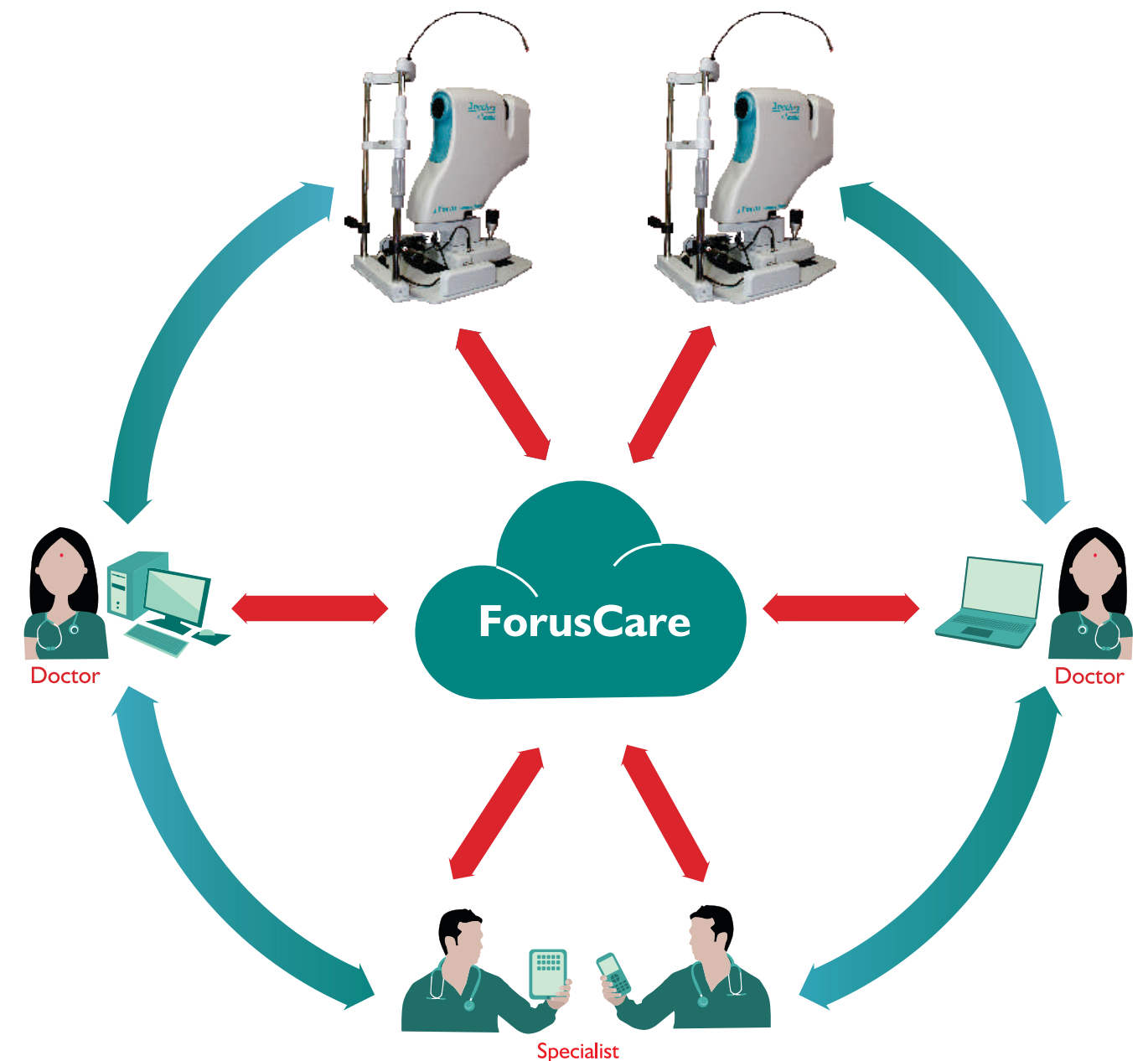
Glaucoma Tool

IMAGE TOOLS - Under Development

- Split screen comparison
- Image annotation
- Dry Eye imaging

ForusCare - Telemedicine

- Multilevel work flow - end to end tele-ophthalmology solution
- SMS and email alerts
- Cloud based centralized storage
- Offline and online record update
- Patient history - data and images
- Tablet based access to cloud
- Connecting healthcare providers to ophthalmologists



Details

| | |
|-----------------------------|---|
| Field Of View | 40 - 45 degrees |
| Optical Resolution | 6.7 microns |
| Minimum Pupil Diameter | 3 mm |
| Image Resolution | 2048 x 1536 24 bits per pixel |
| Interface | Universal Serial Bus 2.0 |
| Dimensions | 340mm x 498mm x 620mm |
| Weight | 3nethra Tricam : 3.9 Kgs Chinrest Stand Assembly : 7 Kgs |
| Power Consumption | 5 - 10 W |
| Power Supply | Input : AC 100 - 240V, 50/60 Hz Output : 5V DC, 3A |
| Minimum System Requirements | Processor : 2.0 GHz or higher (Intel based processor recommended) RAM: 4.0 GB for Win 8 Display: Atleast 16" inches or higher Hard disk: 500 GB |

About Forus Health

Forus Health Pvt. Ltd. is an innovation led technology company headquartered in Bangalore and was started by passionate technologists in 2010. **Forus us the name stands for, means “For us” - me and my community. Forus Health’s vision is “To address Health issues of the world through innovative products and solutions combined with innovation in deployment in an inclusive environment”.**

Forus Health has won several innovation awards and accolades including - Piramal Prize 2010 for technologies that democratize healthcare, DST-Lockhead Martin India Innovation Growth Program 2011 for top innovation, Sankalp 2011 Technology award for development, Samsung Innovation Quotient 2011, NASCCOM emerging League of 10' Award 2011, Indian Semiconductor Association's award for best OEM-Enterprise Organization in Start-up category, Joint winner of ILC-IS Anjani Mashelkar Inclusive Innovation award 2011, MIT's Technology Review India's Grand Challenges 2011 (TRGC) award CNBC-TV18 & Mercedes Benz Young Turk award for Change Maker of the Year in Health category, Frost & Sullivan award for New Product Innovation 2012, 5th Annual India Leadership Conclave & Indian Affairs Leadership Awards '2014- India's Most Promising Company in Healthcare Innovations.

Version 3.1

3nethra- Addressing Preventable Blindness Globally

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