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LEAD SPONSOR



SUPPORTING SPONSORS



Democratizing Health Diagnostics

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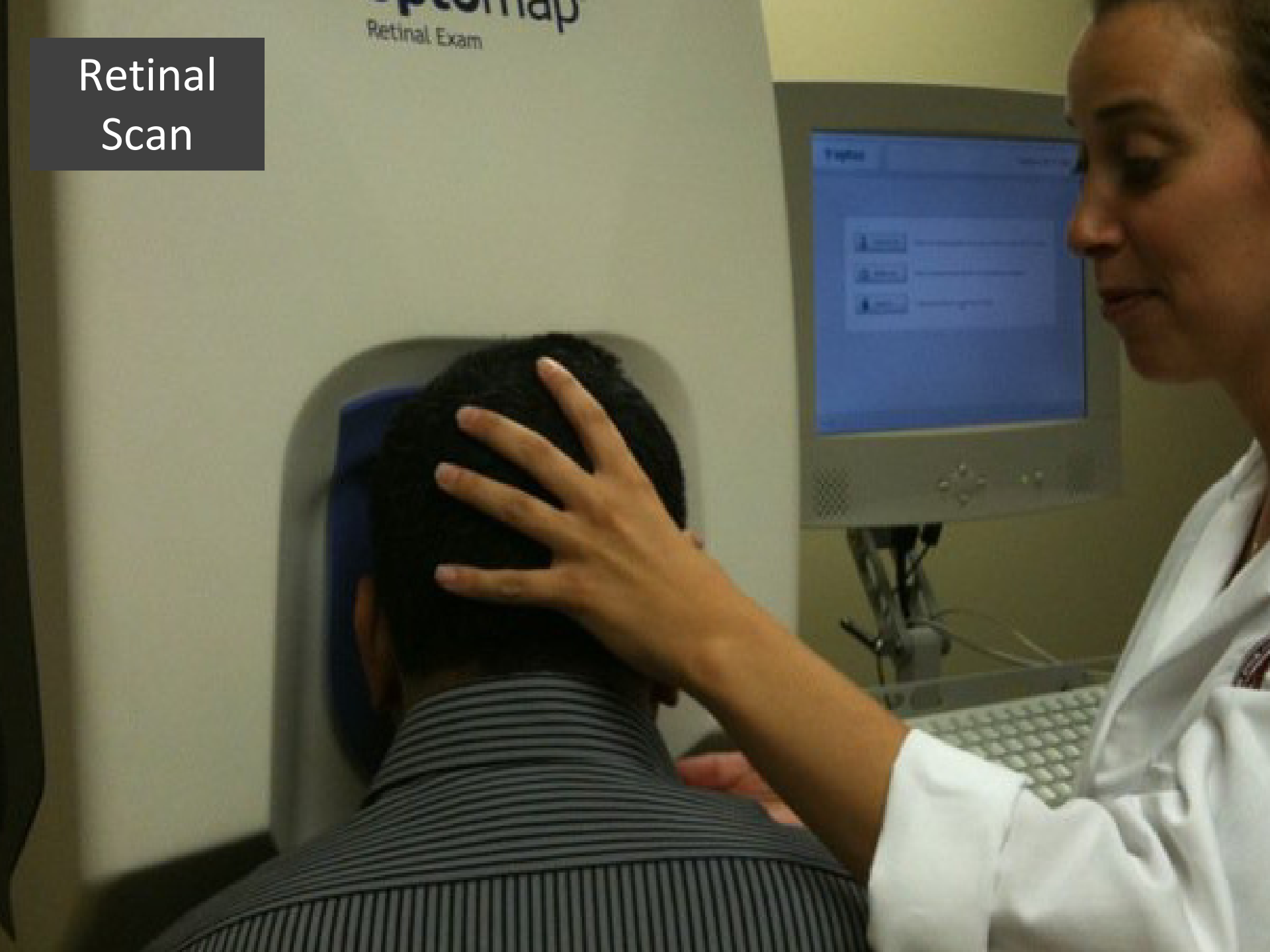


Medical Diagnostic Devices

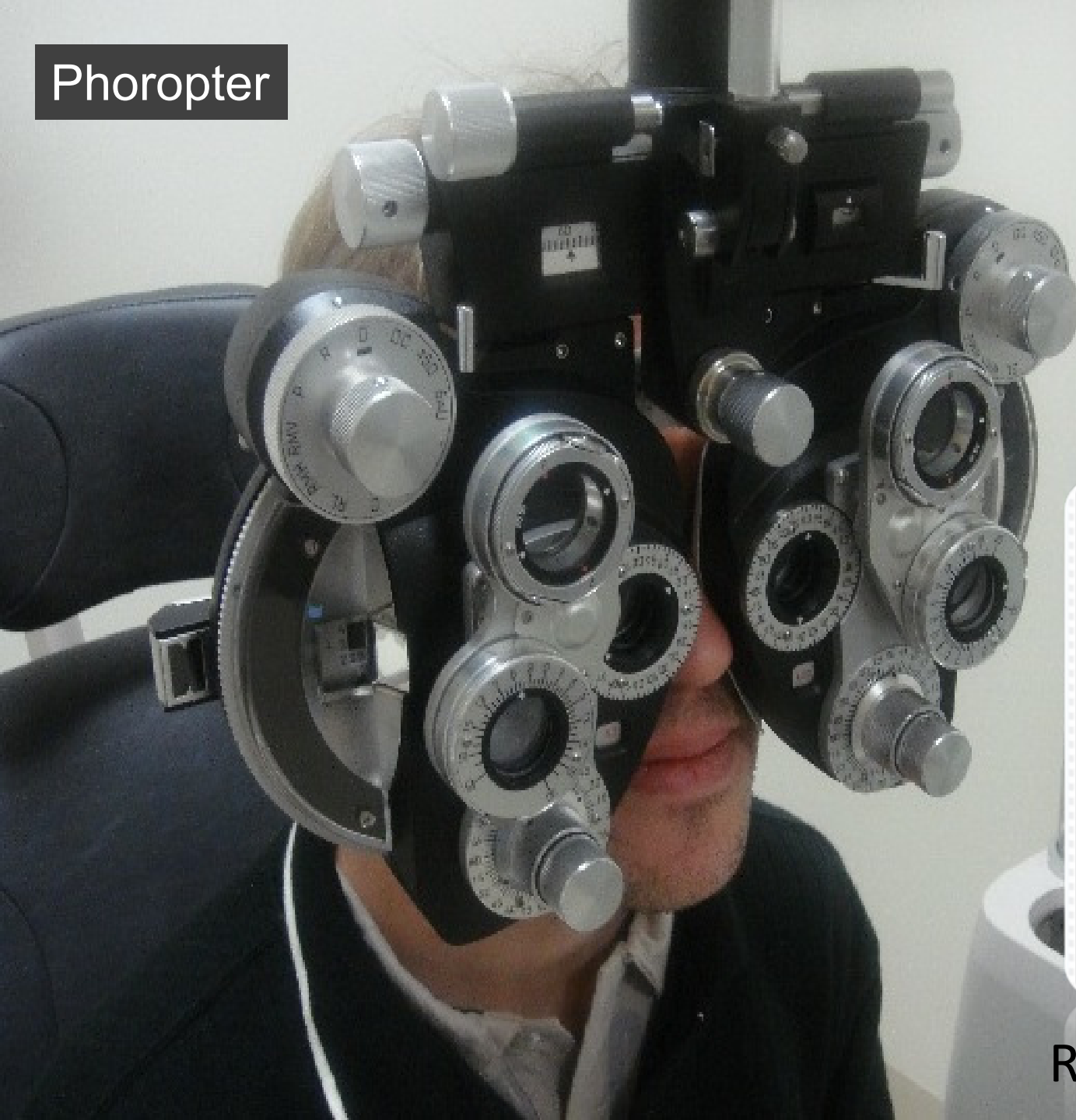
Slit Lamp for Cataracts



Retinal Scan



Phoropter

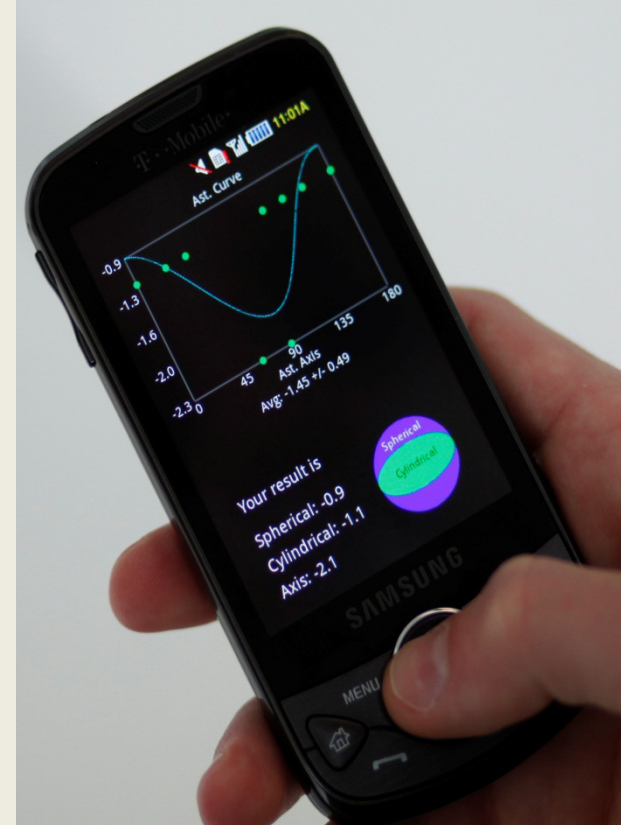


E	1	20/200
F P	2	20/100
T O Z	3	20/70
L P E D	4	20/50
P E C F D	5	20/40
E D F C Z P	6	20/30
FELOPZD	7	20/25
DEFPOTEC	8	20/20
LEFODPCT	9	
PBPLVCBO	10	
FAKLEHTT	11	

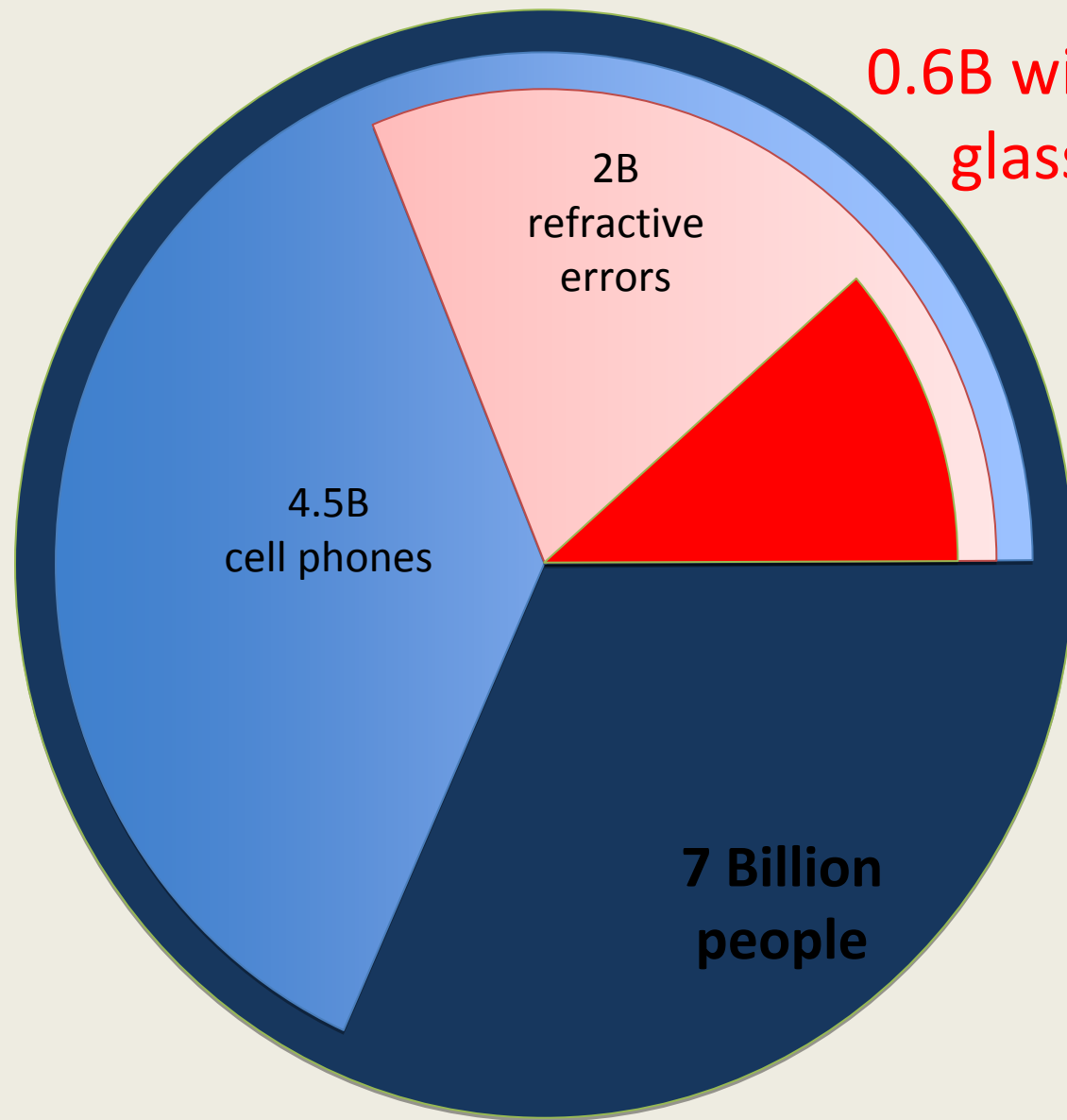
Reading Charts

NETRA

Near Eye Tool for Refractive Assessment



Vitor Pamplona, Ankit Mohan, Manuel Oliveira, Ramesh Raskar SIGGRAPH 2010



NETRA at
LVP Eye Institute

Diagnostics



Bulky Equipment , Trained Professionals

Dispensing Glasses

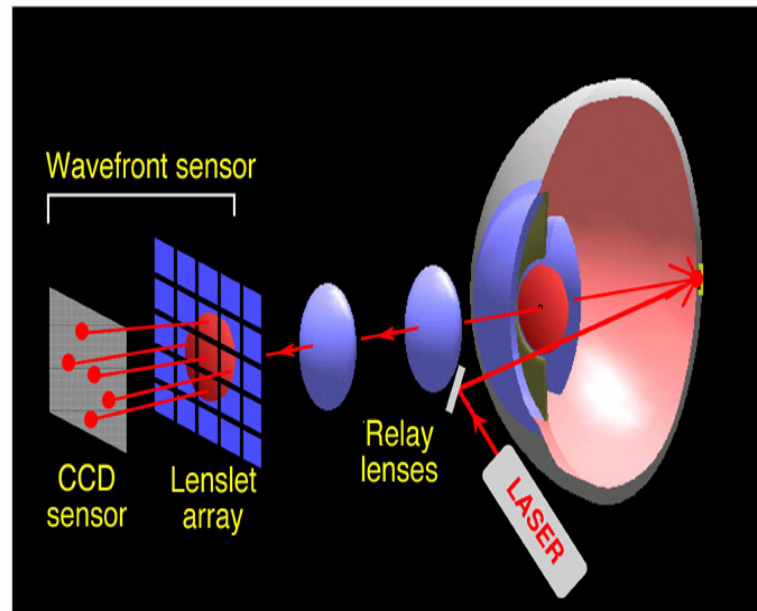


Increasingly cheap and easy

Refraction Map using Wavefront Sensor



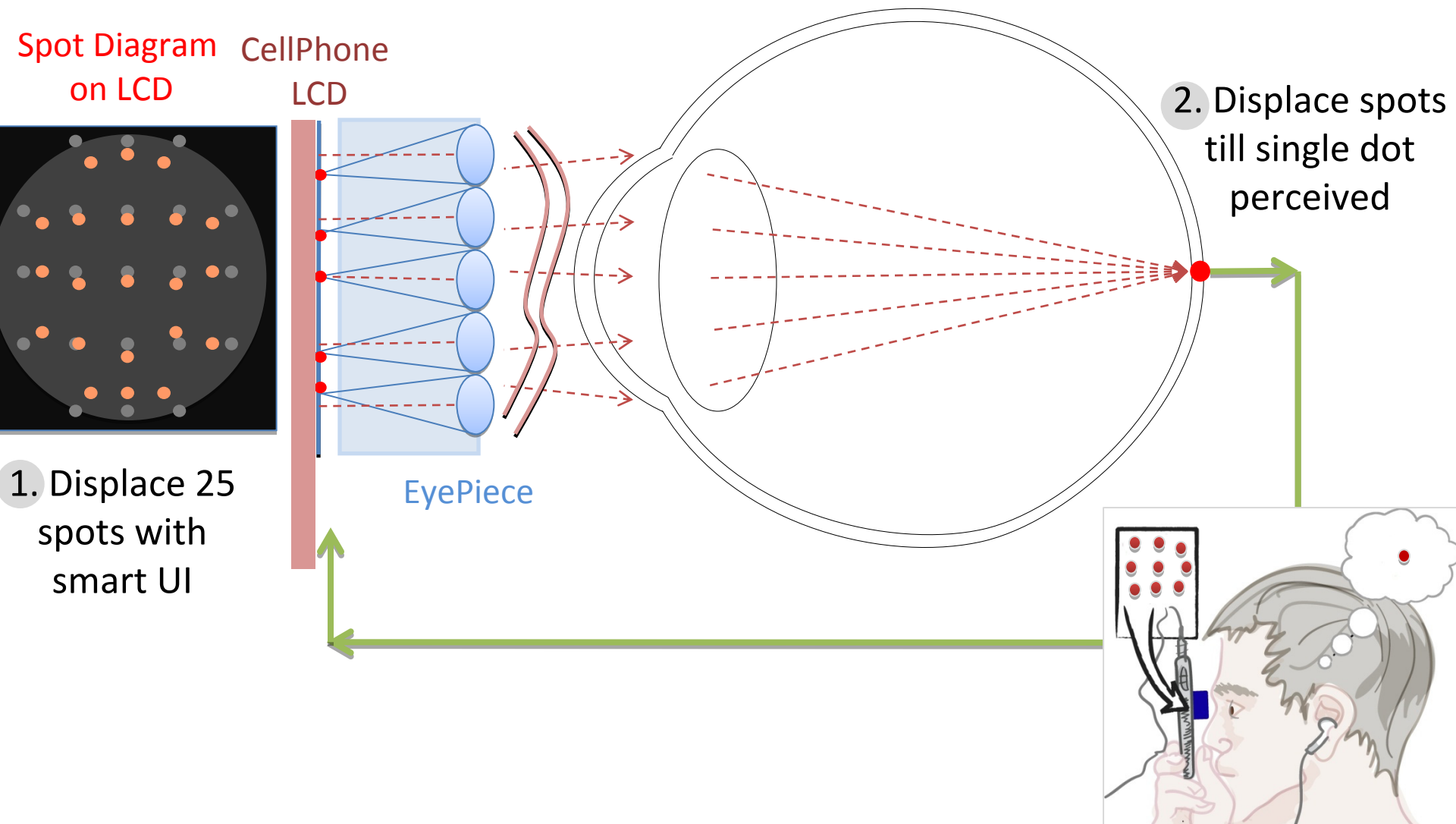
Wavefront aberrometer



Shack-Hartmann WS

NETRA = **Inverse** of Shack-Hartmann wavefront sensor

User interactively creates the Spot Diagram



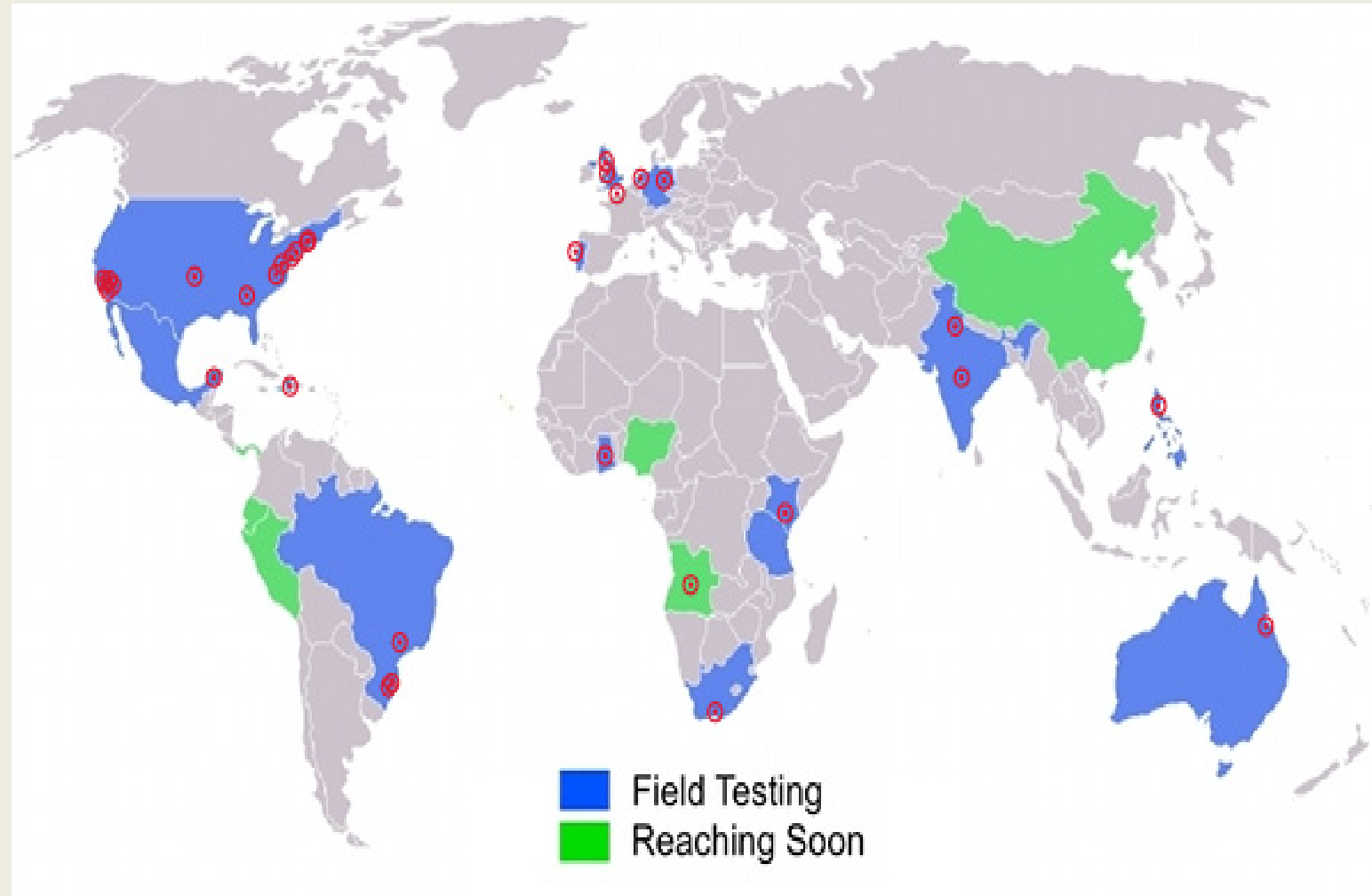


300+ DPI

LCDs



NETRA Worldwide



SIGGRAPH2010



AMERICAN ACADEMY
of OPTOMETRY



ARVO2011

OSA'S 94TH ANNUAL MEETING
FRONTIERS IN OPTICS 2010
LASER SCIENCE XXVI



HealthSummit
TECHNOLOGY • BUSINESS • RESEARCH • POLICY

CNN

BBC

npr

The
New York
Times

New
Scientist

The
Economist

DiscoveryNews



OneSight
Giving the gift of sight



Tufts Medical Center



THE
WORLD
BANK



LV Prasad Eye Institute

Kenya



Thermometer for Eye

India



Brazil



Field Study Worldwide



Pesala Veerendranath

Shrikanth Bharadwaj

Sangeetha Srinivasan





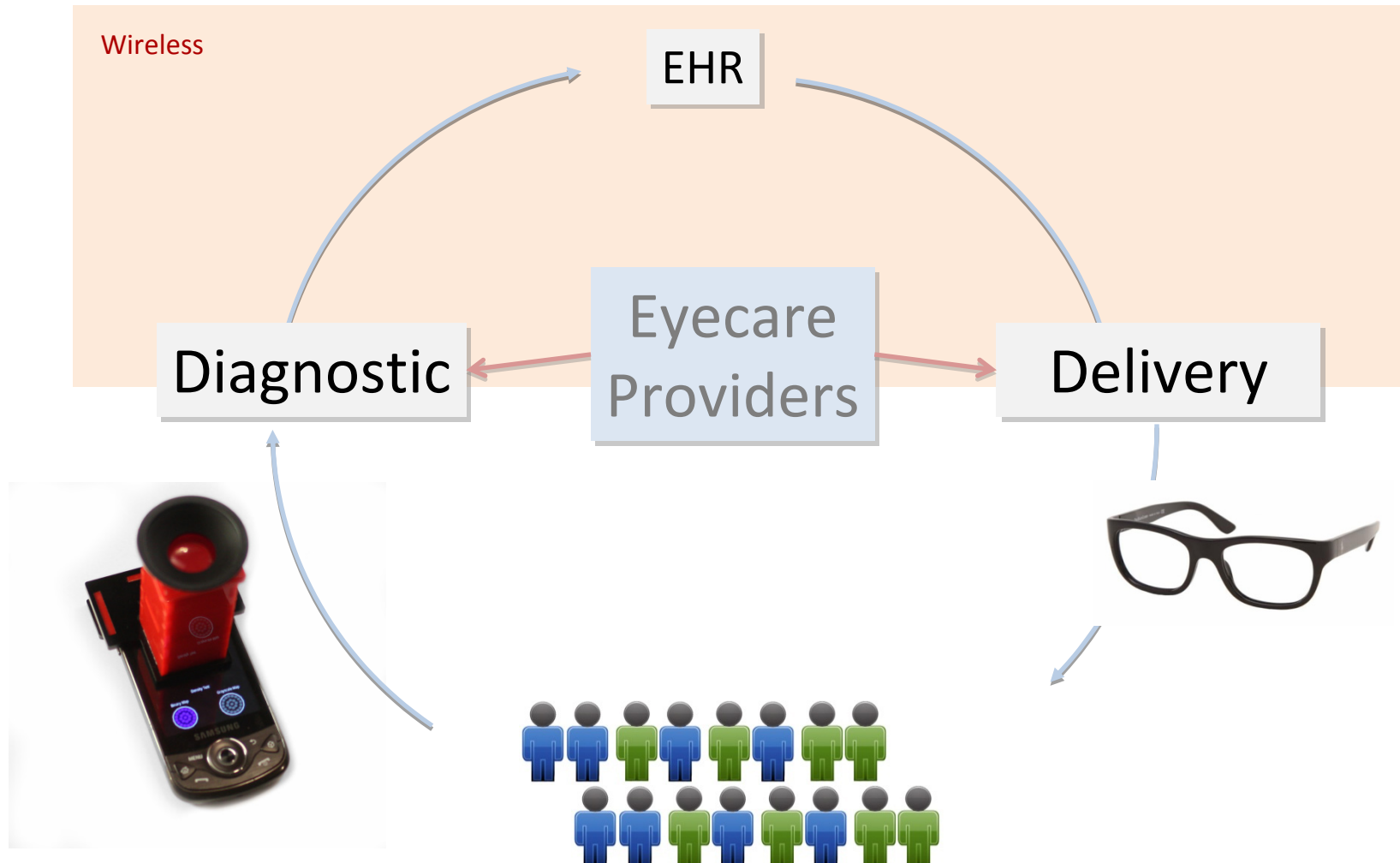






EyeNetra.com

A New Ecosystem





EyeNetra.com



Entrepreneur

App Store

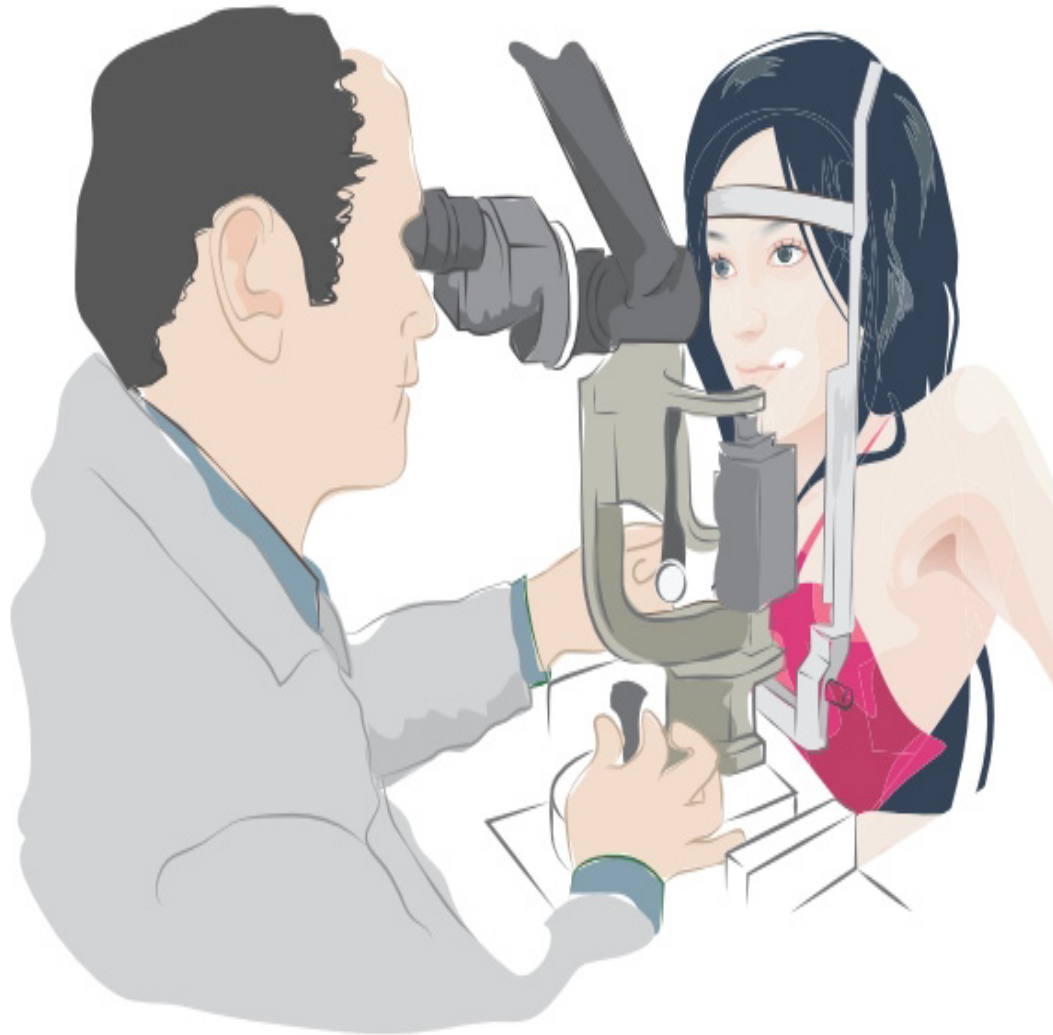
Hardware App Store

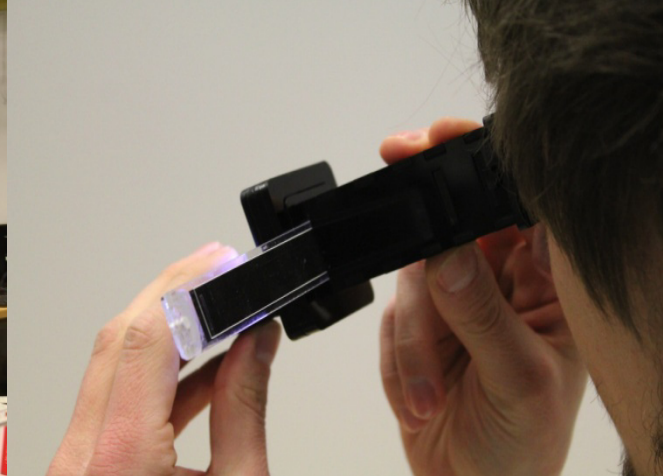
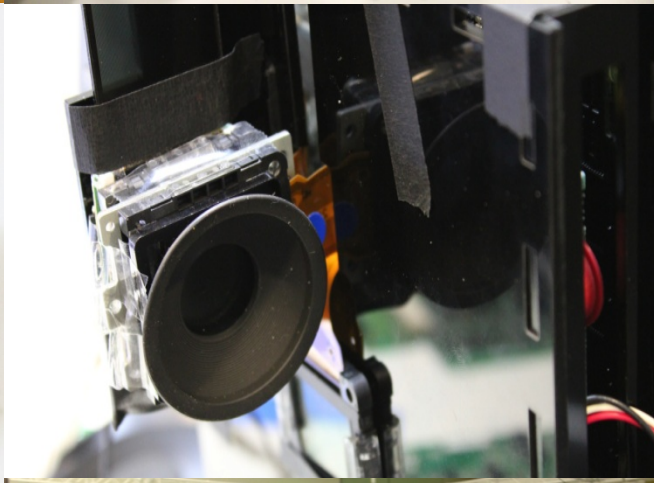
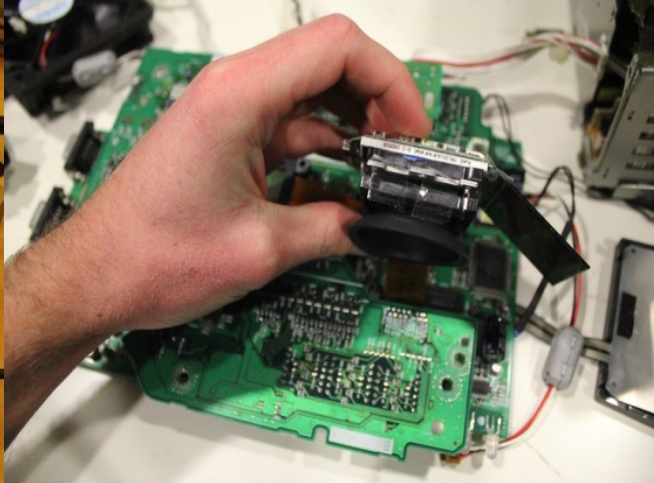
Mobile Mates for Health

Cataract



Slit Lamp Exam





CATRA: Cataract Screening Tool



Vitor Pamplona Erick Passos Jan Zizka Manuel M. Oliveira
Everett Lawson Esteban Clua Ramesh Raskar

Eye is a Mirror of Health

Mobile Mates for Health





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Democratizing Health Diagnostics

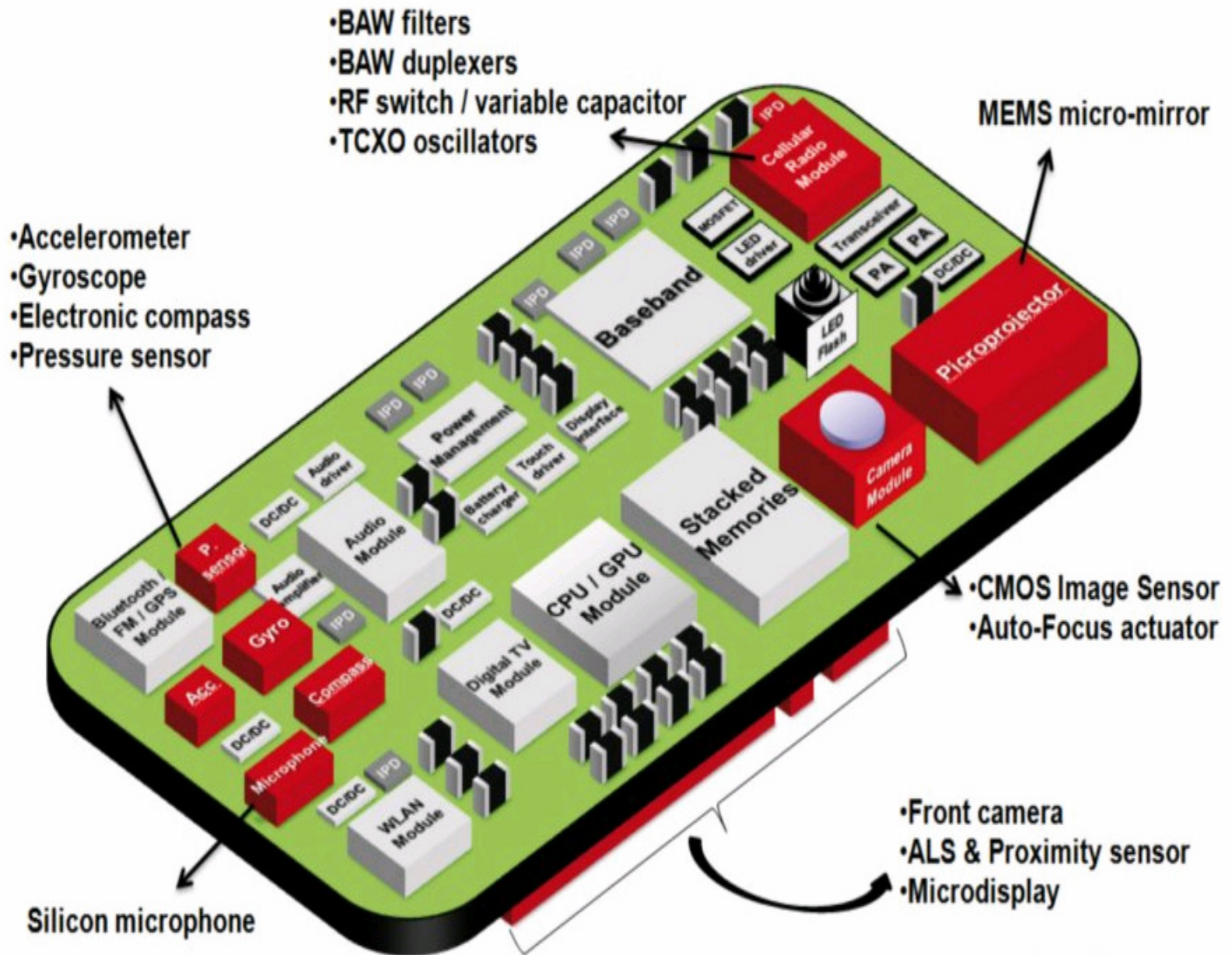
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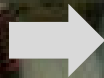
<http://eyeNETRA.com>



END



Experts



Devices

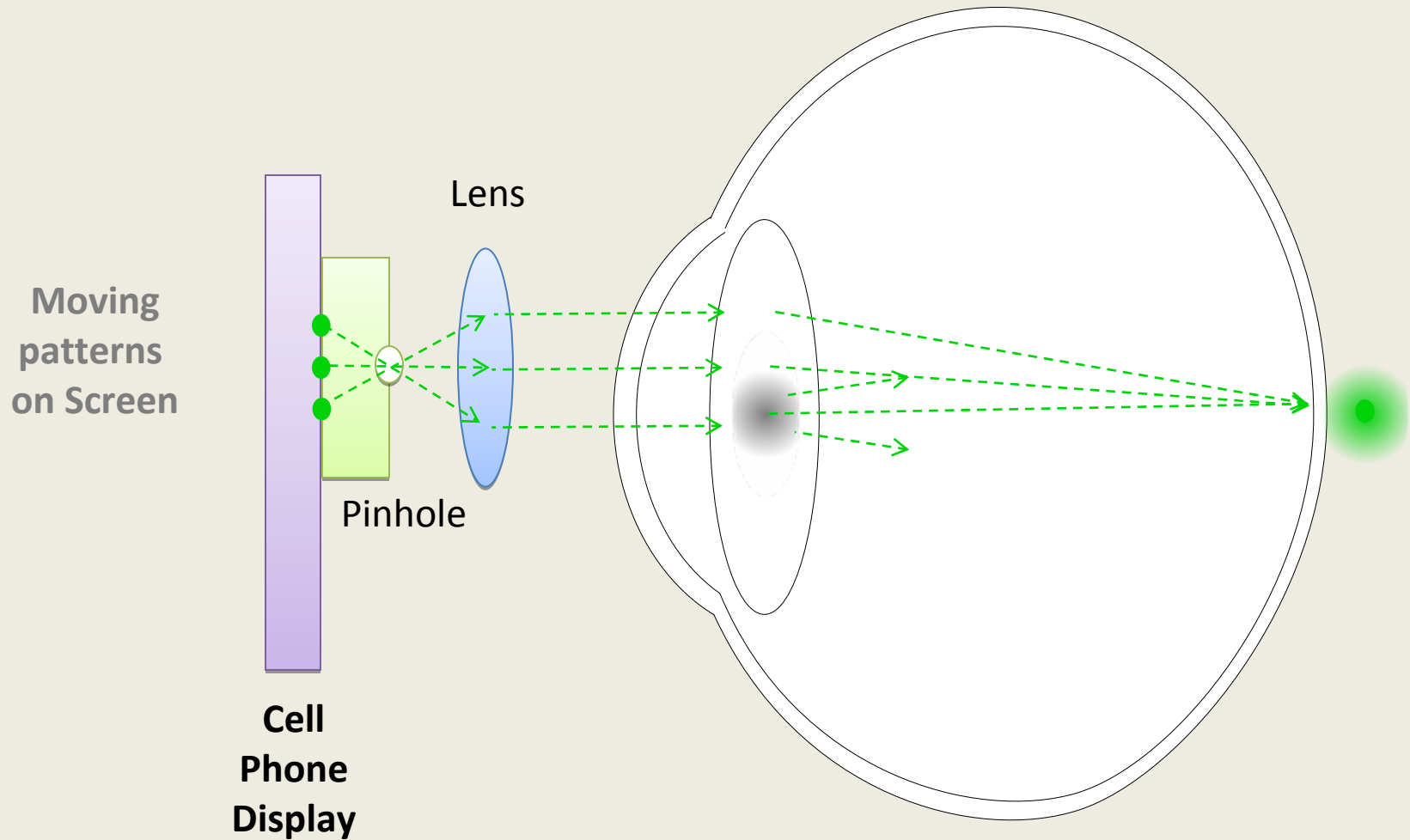


Patients

Patient = Underused Resource



CATRA: Radar for Cloud Cover

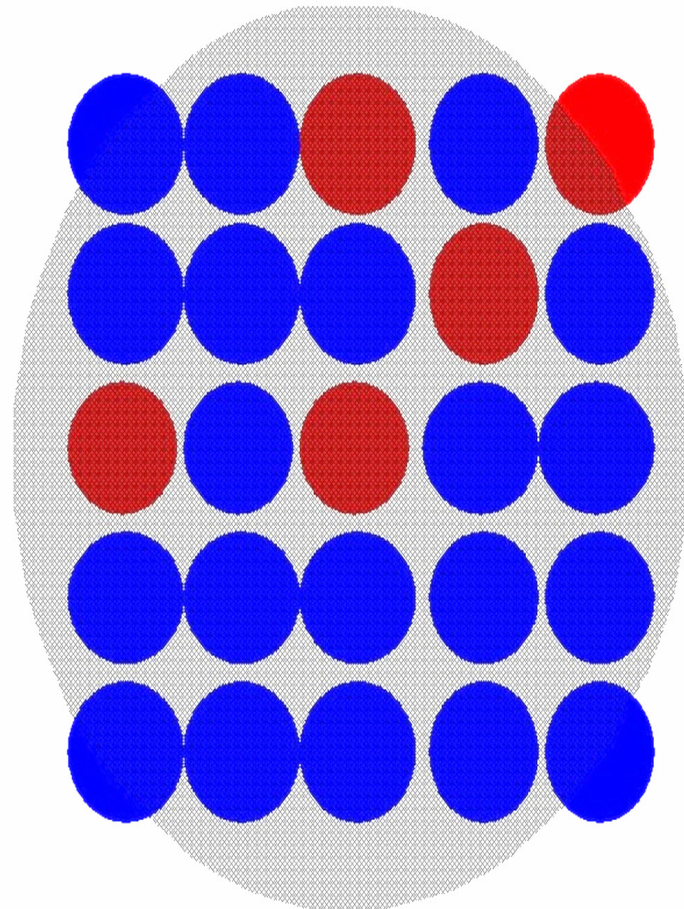
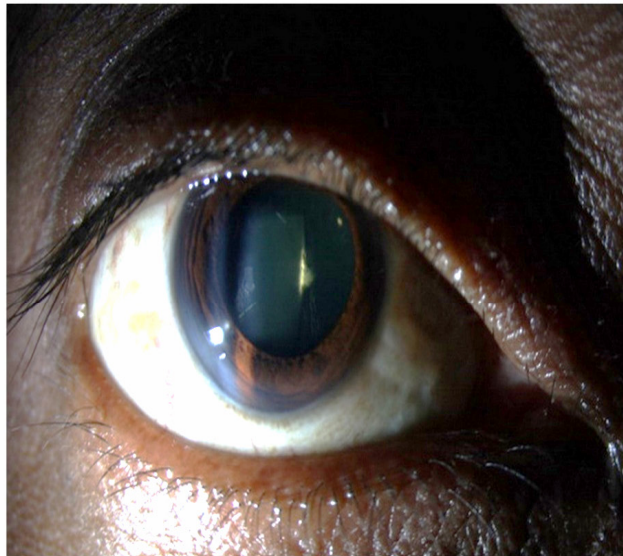






Mobile Mates for Health

36 years old female with Posterior Sub-Capsular Cataract (10%) in RightEye



Cataract Assessment result for the same eye with NETRA