

CORNEA 550



THE COMPLETE SOLUTION
FOR **PRECISE** DIAGNOSIS
& **EFFORTLESS**
CONTACT LENS FITTING

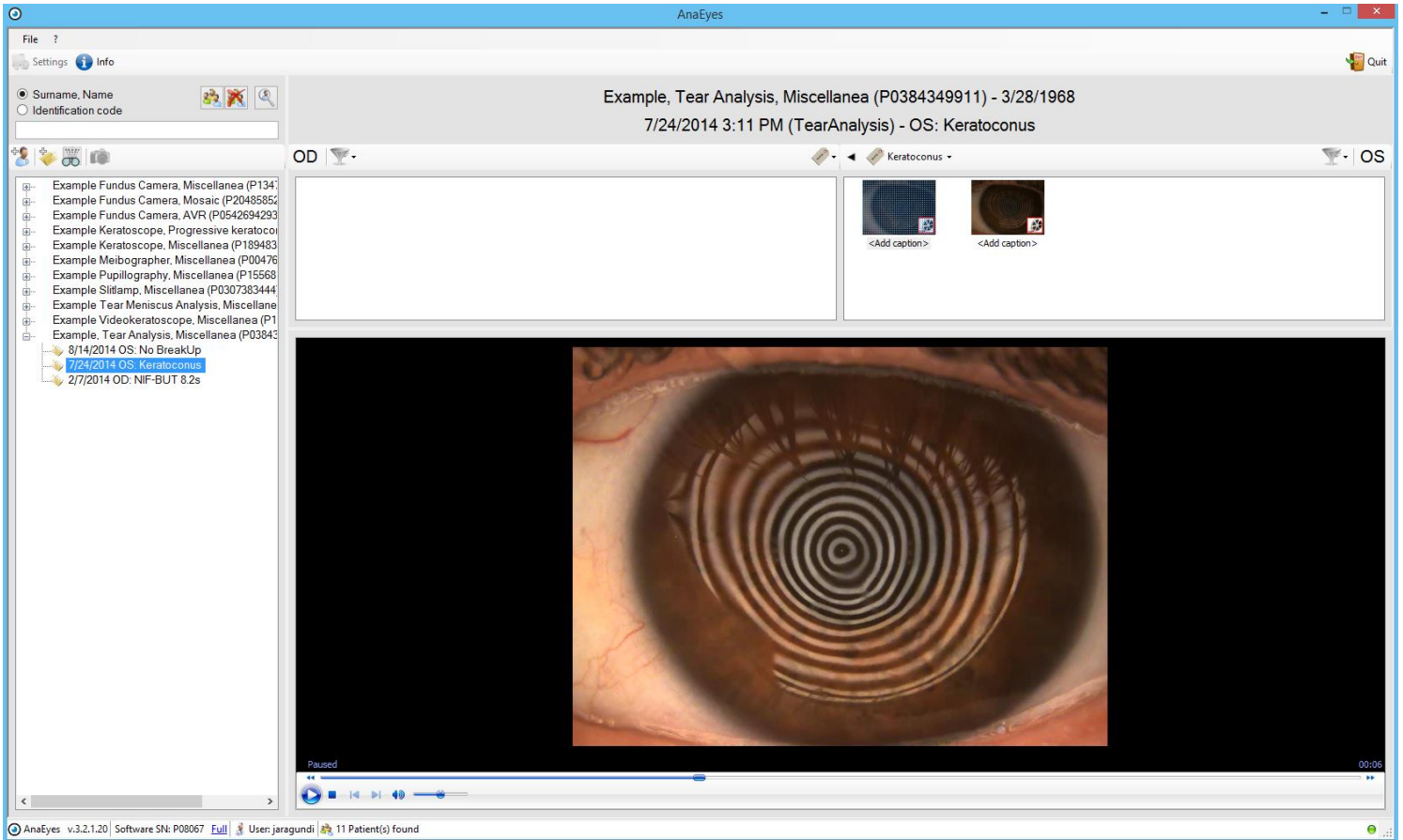


CORNEA 550

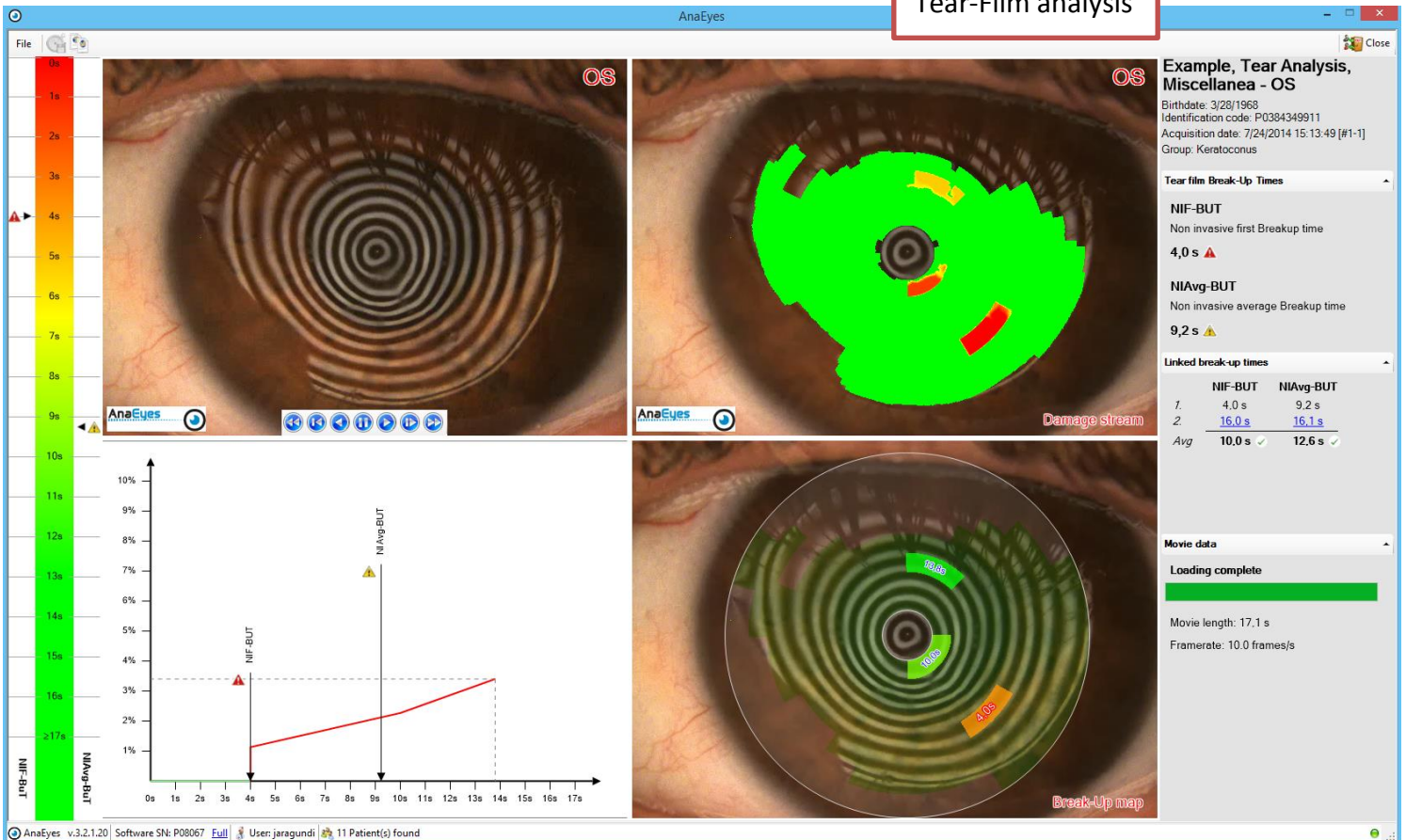
CORNEAL TOPOGRAPHER

Optometry





Tear-Film analysis



Tear-Film analysis

Example, Tear Analysis, Miscellanea - OD
Birthdate: 3/28/1968
Identification code: P0384349911
Acquisition date: 2/7/2014 09:48:13 [#1-1]

Tear film Break-Up Times

- NIF-BUT**
Non invasive first Breakup time: **8,2 s**
- NIAvg-BUT**
Non invasive average Breakup time: **12,4 s**

Movie data
Loading complete
Movie length: 17,7 s
Framerate: 20,0 frames/s
Total frames: 354

Break-Up map

Time (s)	Value
10.25	10.25
10.50	10.50
10.75	10.75
11.00	11.00
11.25	11.25
11.50	11.50
11.75	11.75
12.00	12.00
12.25	12.25
12.50	12.50
12.75	12.75
13.00	13.00
13.25	13.25
13.50	13.50
13.75	13.75
14.00	14.00
14.25	14.25
14.50	14.50
14.75	14.75
15.00	15.00
15.25	15.25
15.50	15.50
15.75	15.75
16.00	16.00
16.25	16.25
16.50	16.50
16.75	16.75
17.00	17.00
17.25	17.25
17.50	17.50
17.75	17.75
18.00	18.00
18.25	18.25
18.50	18.50
18.75	18.75
19.00	19.00
19.25	19.25
19.50	19.50
19.75	19.75
20.00	20.00
20.25	20.25
20.50	20.50
20.75	20.75
21.00	21.00
21.25	21.25
21.50	21.50
21.75	21.75
22.00	22.00
22.25	22.25
22.50	22.50
22.75	22.75
23.00	23.00
23.25	23.25
23.50	23.50
23.75	23.75
24.00	24.00
24.25	24.25
24.50	24.50
24.75	24.75
25.00	25.00
25.25	25.25
25.50	25.50
25.75	25.75
26.00	26.00
26.25	26.25
26.50	26.50
26.75	26.75
27.00	27.00
27.25	27.25
27.50	27.50
27.75	27.75
28.00	28.00
28.25	28.25
28.50	28.50
28.75	28.75
29.00	29.00
29.25	29.25
29.50	29.50
29.75	29.75
30.00	30.00
30.25	30.25
30.50	30.50
30.75	30.75
31.00	31.00
31.25	31.25
31.50	31.50
31.75	31.75
32.00	32.00
32.25	32.25
32.50	32.50
32.75	32.75
33.00	33.00
33.25	33.25
33.50	33.50
33.75	33.75
34.00	34.00
34.25	34.25
34.50	34.50
34.75	34.75
35.00	35.00
35.25	35.25
35.50	35.50
35.75	35.75
36.00	36.00
36.25	36.25
36.50	36.50
36.75	36.75
37.00	37.00
37.25	37.25
37.50	37.50
37.75	37.75
38.00	38.00
38.25	38.25
38.50	38.50
38.75	38.75
39.00	39.00
39.25	39.25
39.50	39.50
39.75	39.75
40.00	40.00

AnaEyes v.3.2.1.20 Software SN: P08067 Full User: jaragundi 11 Patient(s) found

Example Pupillography, Miscellanea (P1556816021) - 10/10/2010
12/12/2014 3:42 PM (Pupillographer)

OD OS

Example Fundus Camera, Miscellanea (P134)
Example Fundus Camera, Mosaic (P2048585)
Example Fundus Camera, AVR (P0542694293)
Example Keratoscope, Progressive keratoco
Example Keratoscope, Miscellanea (P189483)
Example Meibographer, Miscellanea (P00476)
Example Pupillography, Miscellanea (P15568)
12/12/2014 3:42 PM (Pupillographer)
Example Slitlamp, Miscellanea (P0307383444)
Example Tear Meniscus Analysis, Miscellanea
Example Videokeratoscope, Miscellanea (P1
Example, Tear Analysis, Miscellanea (P03843

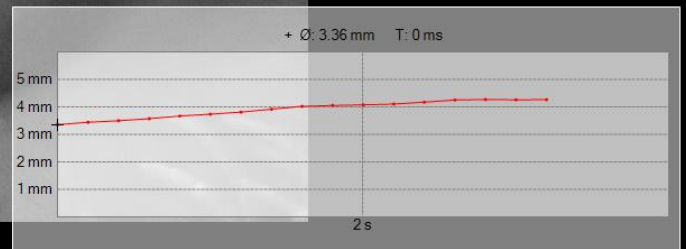
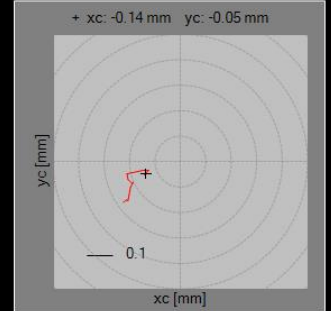
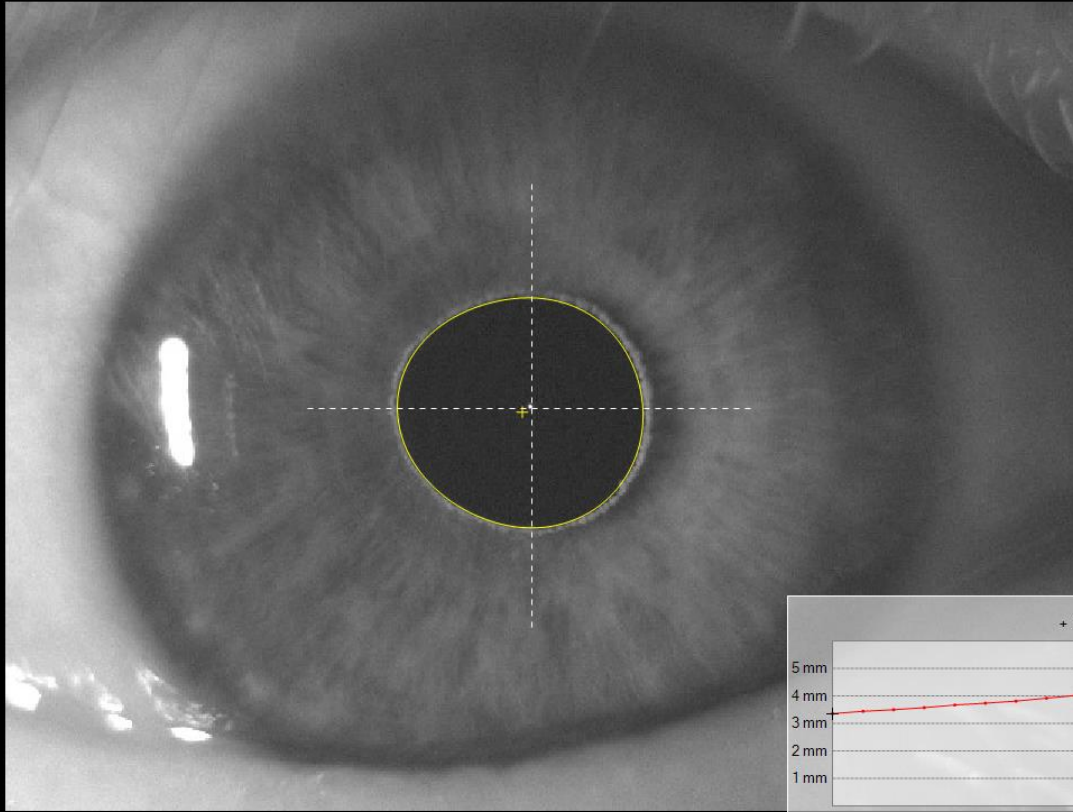
Pupilligraphy – All stages of pupil

Example Pupilligraphy, Miscellanea - OD

Birthdate: 10/10/2010

Identification code: P1556816021

Acquisition date: 12/12/2014 15:44:15 [#1-1]



Pupilligraphy: Dynamic

Settings Info

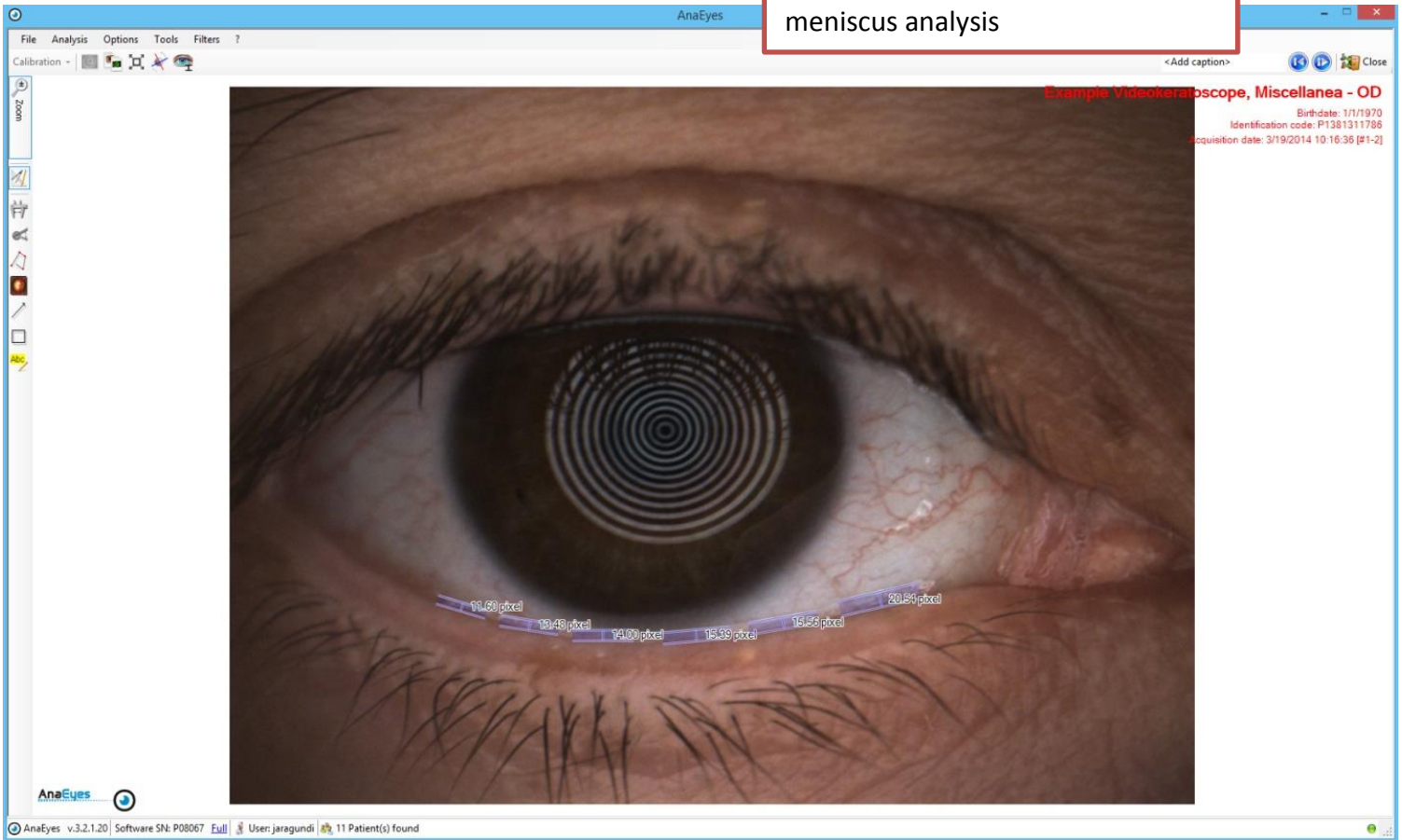
Example Videokeratoscope, Miscellanea (P1381311786) - 1/1/1970

3/19/2014 10:15 AM (VideoKeratoscope)

OD OS

- Example Fundus Camera, Miscellanea (P134)
- Example Fundus Camera, Mosaic (P2046585)
- Example Fundus Camera, AVR (P0542694293)
- Example Keratoscope, Progressive Keratoco
- Example Meibography, Miscellanea (P189483)
- Example Pupilligraphy, Miscellanea (P15568)
- Example Slitlamp, Miscellanea (P0307383444)
- Example Tear Meniscus Analysis, Miscellanea
- Example Videokeratoscope, Miscellanea (P1381311786)
- Example, Tear Analysis, Miscellanea (P0384)

Anterior segment Image with tear meniscus analysis



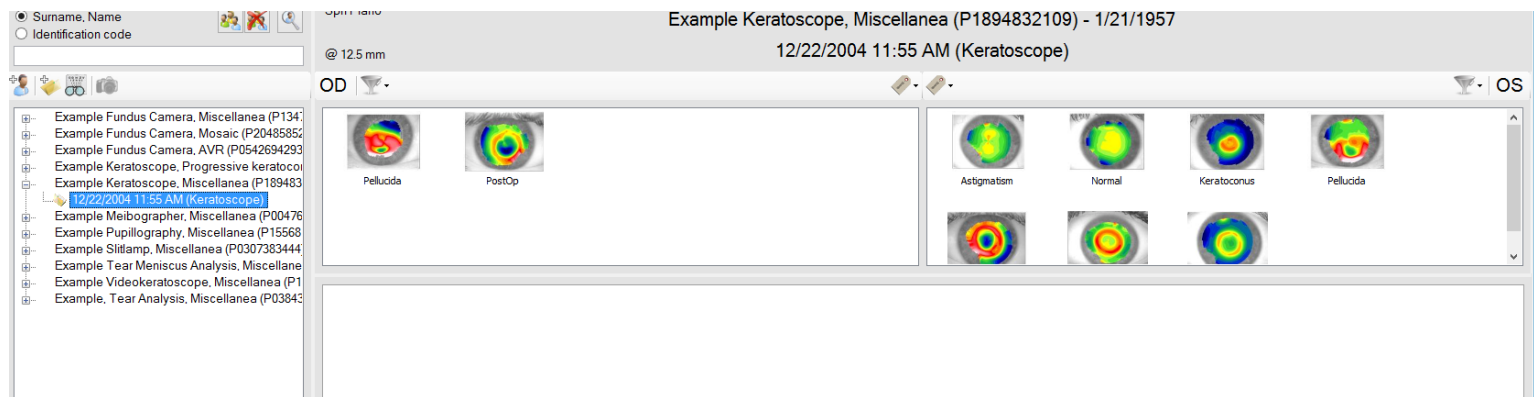
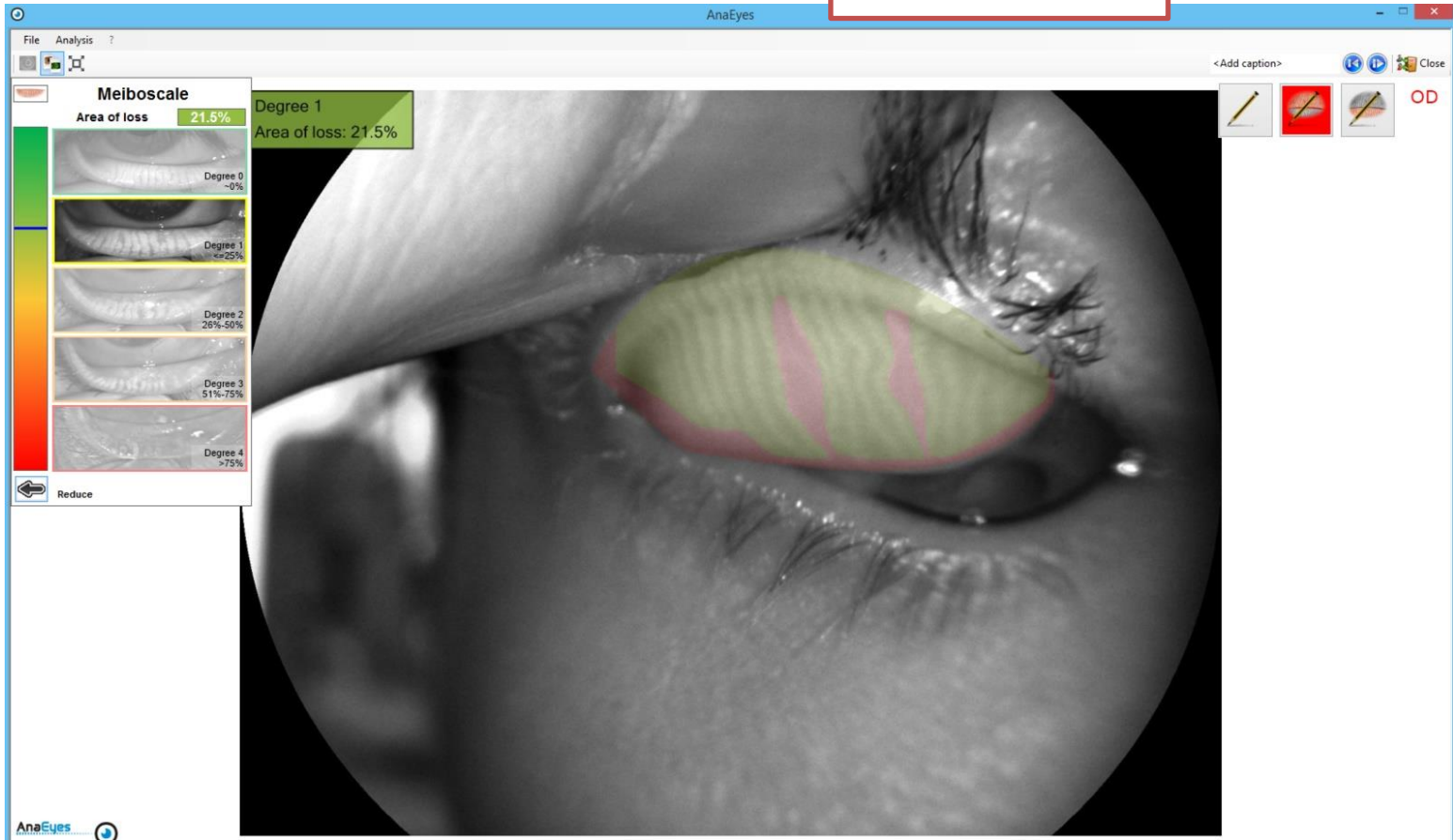
Example Meibographer, Miscellanea
3/11/2012 2:53 PM

OD

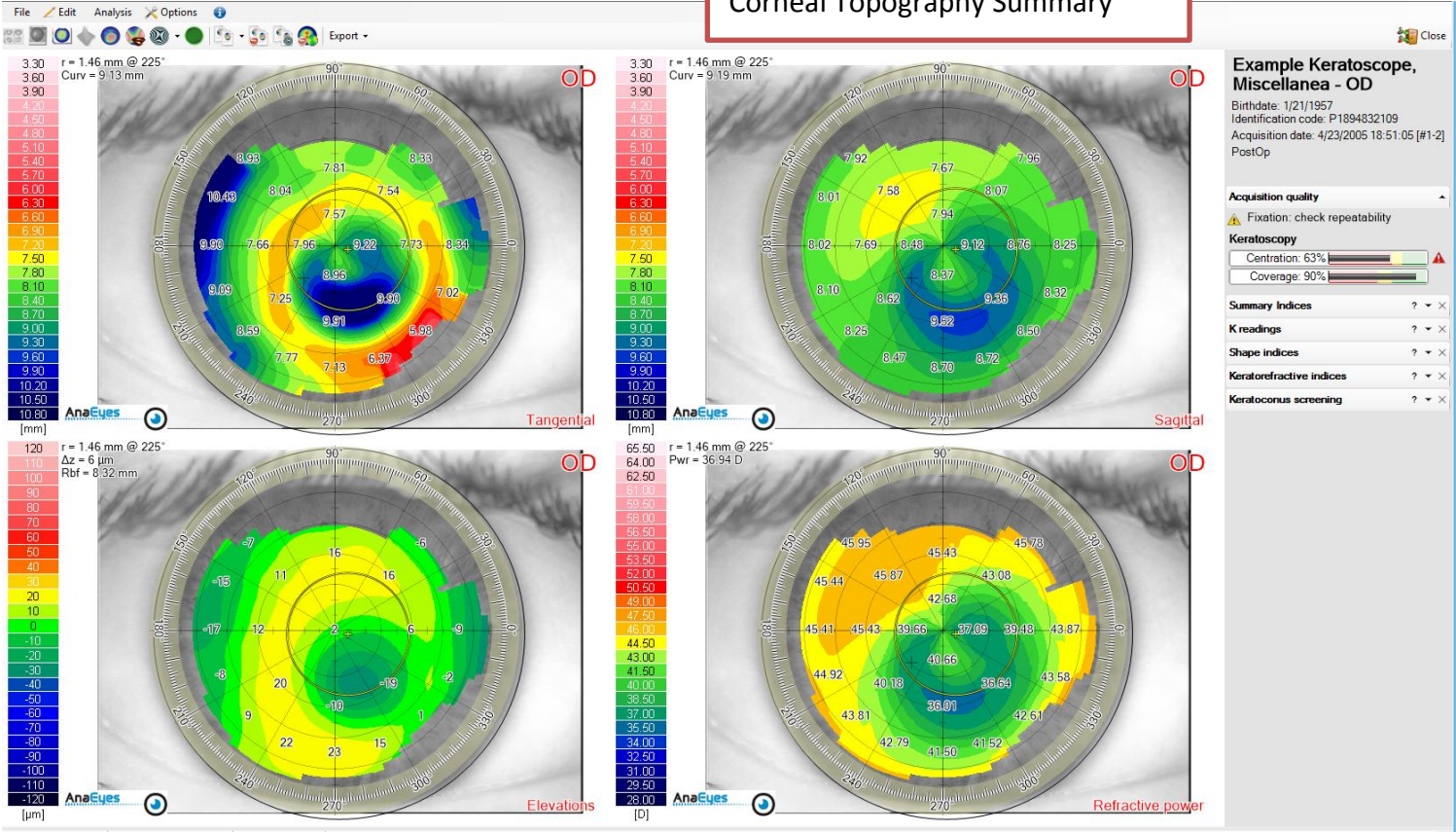
<Add caption>	<Add caption>	<Add caption>	<Add caption>

Example Fundus Camera, Miscellanea (P134...)
Example Fundus Camera, Mosaic (P2048585...)
Example Fundus Camera, AVR (P0542694293...)
Example Keratoscope, Progressive keratoco...
Example Keratoscope, Miscellanea (P189483...)
Example Meibographer, Miscellanea (P00476...)
3/11/2012 2:53 PM (Meibographer)
10/1/2011 1:12 PM (Meibographer)
Example Pupillography, Miscellanea (P15568...)
Example Slitlamp, Miscellanea (P0307383444...)
Example Tear Meniscus Analysis, Miscellane...
Example Videokeratoscope, Miscellanea (P1...)
Example, Tear Analysis, Miscellanea (P03843...)

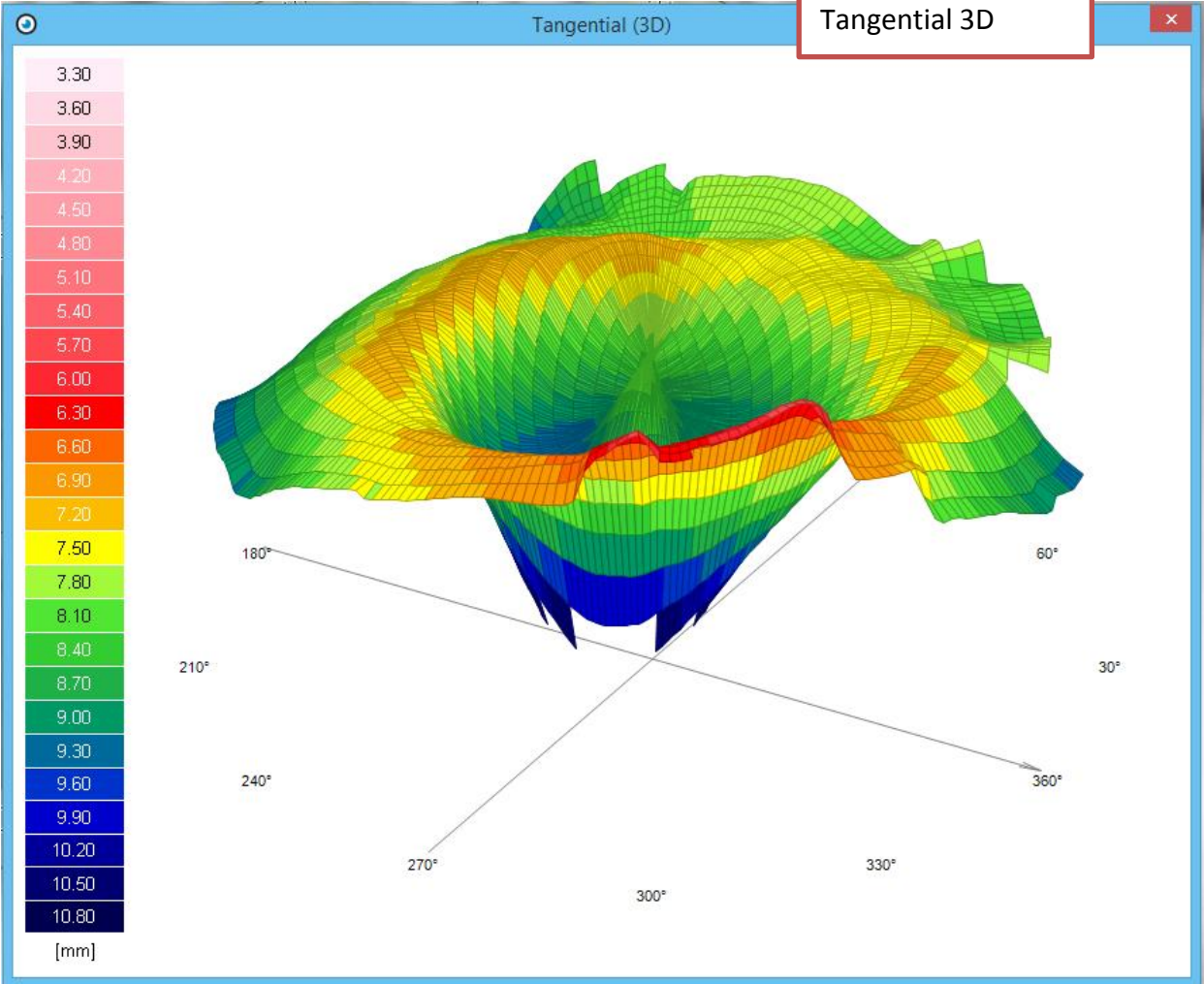
Upper Lid Meibography

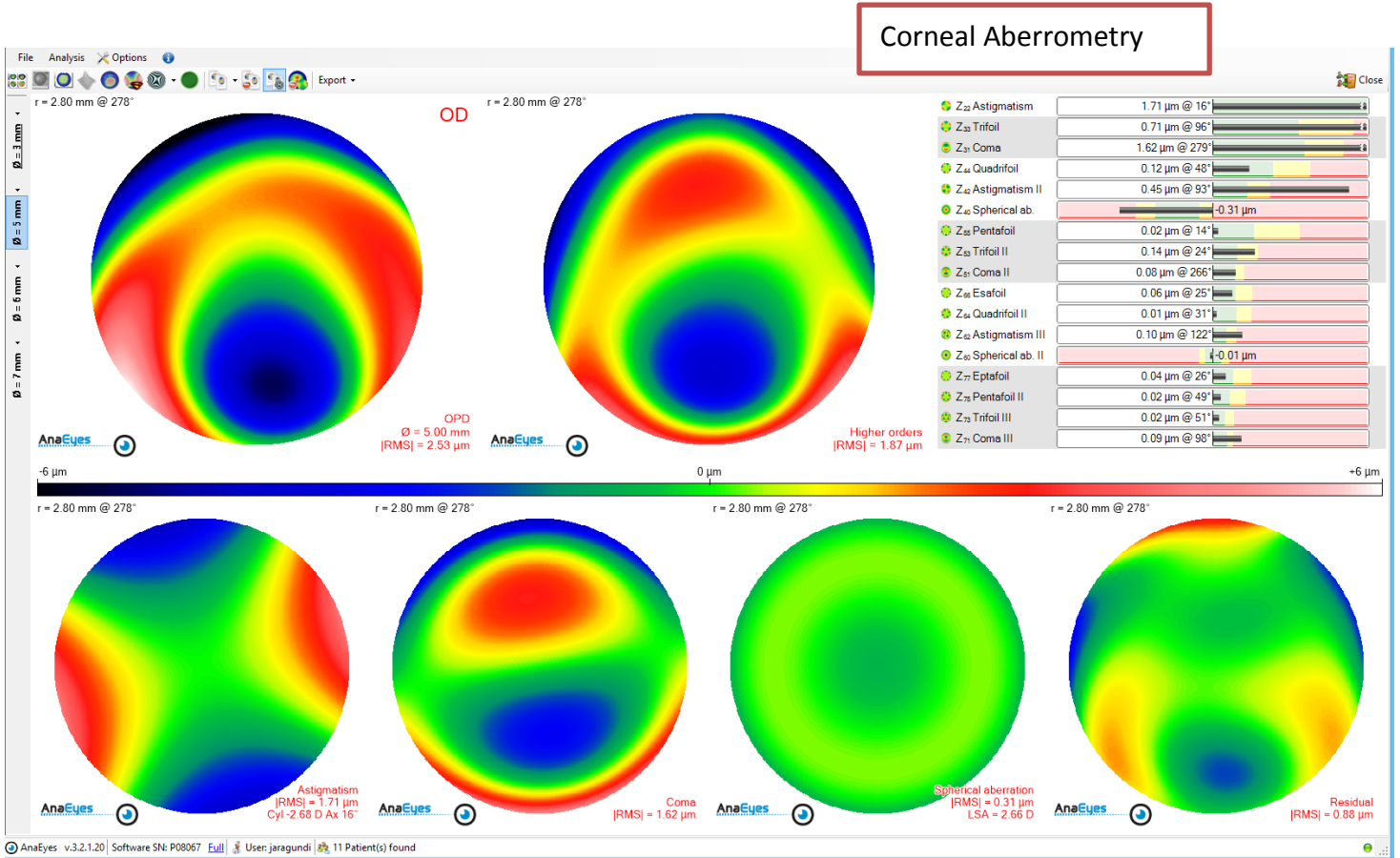


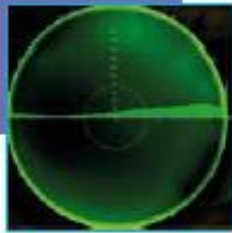
Corneal Topography Summary



Tangential 3D







STREAMLINED CONTACT LENS FITTING PROCESS

- Precise evaluation of the corneal surface and wide variety of graphic presentations.
- Rapid and easy selection of the best lens thanks to fluorescein Image simulation and Integrated database which includes lenses from 27 brands.
- Dynamic and static capture of the pupil reaction according to light conditions (scotopic, photopic, mesopic).

ADVANCED TEAR FILM ANALYSIS FOR DRY EYE TREATMENT

- Blue and white light image capture allowing real-time observation of the tear film clearance.
- Non-Invasive measurement of the tear film break-up time (pictures and videos).
- Meibography with color scale enabling evaluation of gland loss.

VALUABLE TOOL TO FACILITATE COMMUNICATION

- Efficient way to share information thanks to the wide and high definition screen.
- Comprehensive and easy-to-understand graphic representations to enhance your expertise.

LIGHT SOURCE	White light for corneal topography and videokeratoscopy, blue light (470 nm) for pictures and video in fluorescein, IR LED (880nm) for pupillography and meibography.
DIGITAL CAMERA	Color high resolution (1024 x 960)
MEASUREMENT POINTS	6144
WORKING DISTANCE	78 mm
PC CONNECTION	USB 3.0
DIMENSIONS & WEIGHT	510 (H) x 205 (D) x 320mm (base rod) - 6kg approx

MINIMUM HARDWARE AND SOFTWARE REQUIREMENTS

PC DESKTOP: Processor Intel® Pentium Dual Core™ 2.00 GHz - 2 GB RAM • Firewire 1394A board OHCI 1.1 compatible • Video board 512 MB RAM (not shared) resolution 1280x1024 pixels.

SOFTWARE: Windows® XP Home SPK3 • Windows® XP Professional SPK3 • Windows Vista® 32 bit Home premium • Windows® 7 Home and Pro 32 bit and 64 bit.

As improvements are made, these specifications and pictures are not contractually binding and may be changed without prior notice. Windows® and Windows Vista® are trademarks of Microsoft Corporation. Pentium® is a trademark of Intel Corporation.



Instruments Division
64 bis, avenue Aubert
94306 Vincennes Cedex France
Tel: 33 (0)1 72 94 71 00
Fax: 33 (0)1 72 94 70 27
www.essilor-instruments.com

Your local distributor :

