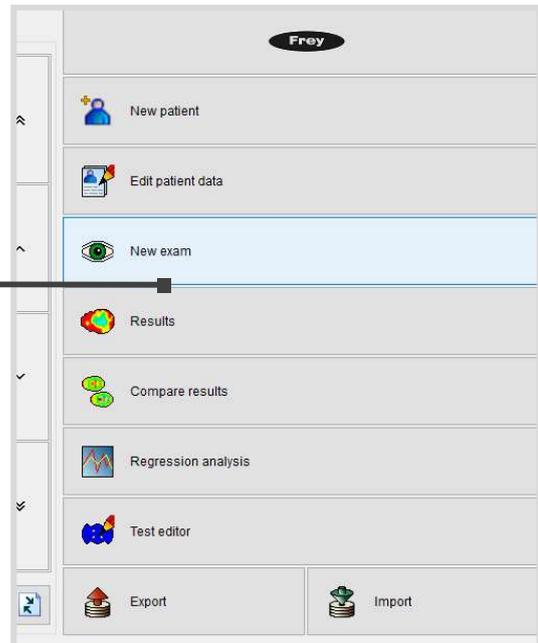**QUICK SUPPORT GUIDE**

PERIMETER AP-300

How to:
- perform exam
- setup the most used testing strategy
- print result and understand the printout layout
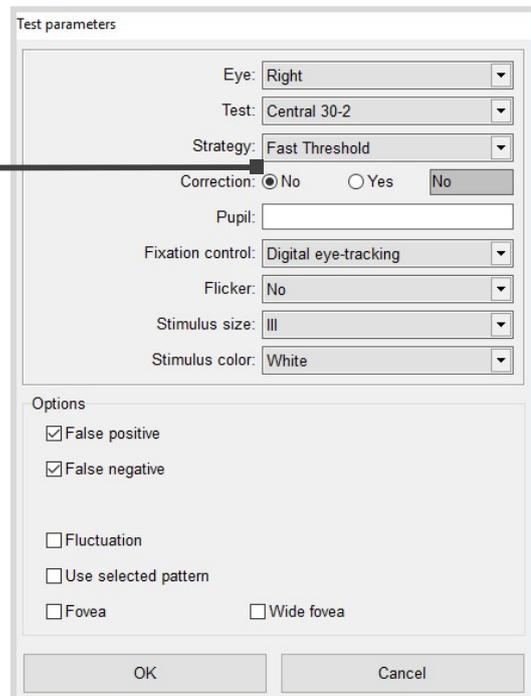
2018

THERE ARE TWO WAYS TO PERFORM AN EXAM:

I. STANDARD ACCESS
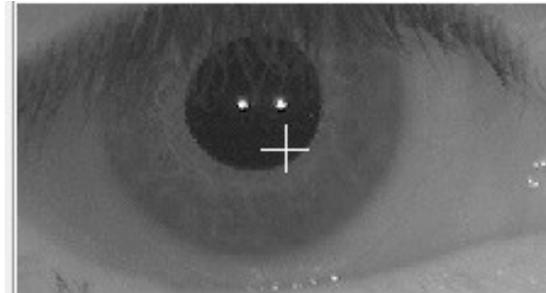
Select **'New exam'** from the **Main Menu**.

Set the required parameters of an exam (the example below shows the most used settings:

- **Central 30-2** field,
- **Fast Threshold** strategy and
- **Digital eye-tracking**

After clicking 'OK' the exam is being prepared.

When the test screen appears, please position a patient that his/her pupil is **more or less** in the centre of the camera window (**no need** to position it very precisely!). You should advice the patient to **look into the fixation** point in the perimeter bowl.

Press the '**Demo**' button to demonstrate how the exam will proceed. Your patient can observe the stimulii projected onto the perimeter bowl and try to react using the patient button. When patient is ready, the exam can be started by the '**Start**" button.

After the exam is finished it will be saved automatically and you will be asked what to do next.

THE FASTEST WAY TO PROCEED

The **fastest** way to proceed is:

- to print the results (just click 'Print' in the window which will appear after the)

- then to start testing patient's second eye or test the same again if needed (click appropriate option in the window after exam is printed)
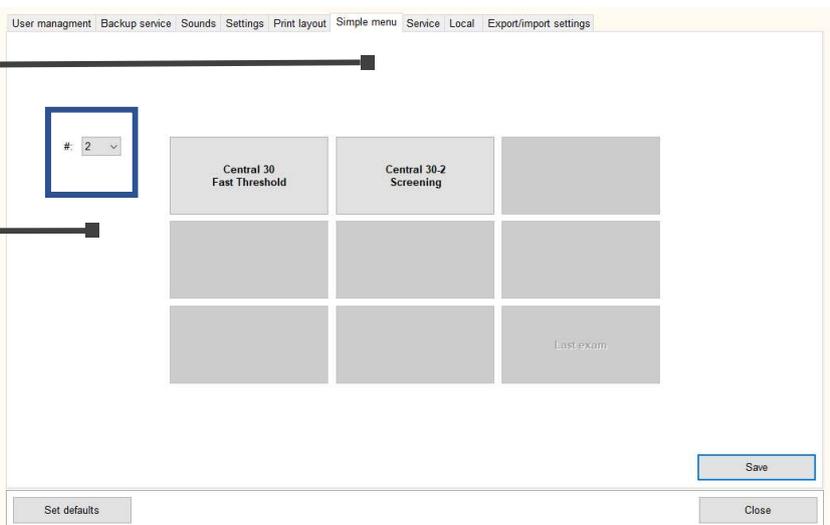
Frey

II.   QUICK ACCESS (via SIMPLE MENU)

The '**Simple Menu**' is a concept which minimizes the time required to start an exam. You can define your most used test or tests and they will be attached to the buttons on the main screen.
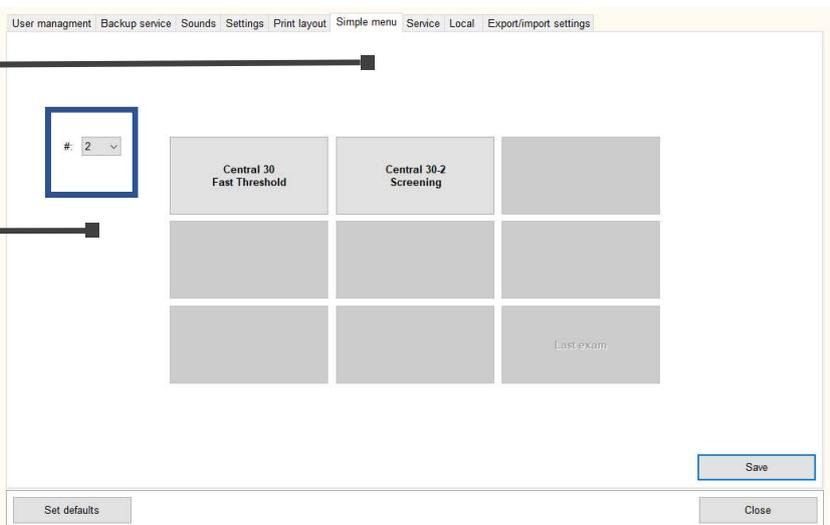
3 STEPS TO CONFIGURE THE 'SIMPLE MENU' SCREEN.

1)

 go to the **Service Mode**
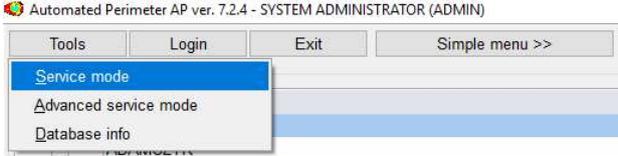
2)

 go to the
 '**Simple Menu**' tab

3)

 define here up
 to 8 configuration
 sets

You can define up to 8 configuration sets. Select on the left how many buttons (predefined exams) you need. On the example above we have two sets defined.

Frey

Press for example the first button. The configuration screen will appear:

Please define the parameters according to your needs (**this example sets the most used standard: Central 30-2** field and **Fast Threshold strategy**).

You can name the exam as you want (the 'User exam name' field) or leave it black (it will have a default name).

Click '**OK**' and then the 'Save' button in the '**Simple Menu**' tab.
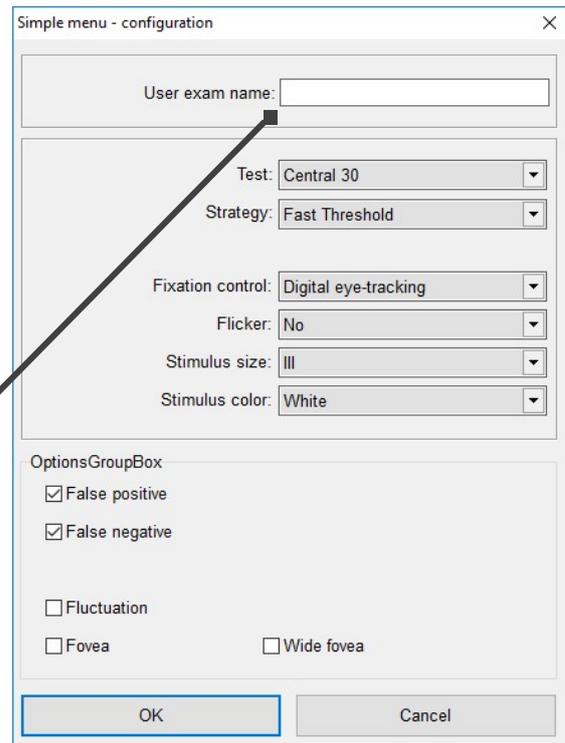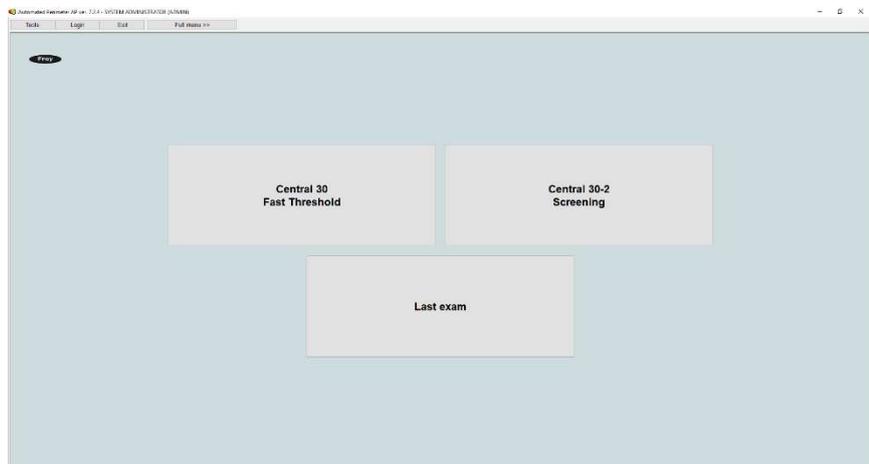

After that you can access the 'Simple Menu' screen clicking '**Simple Menu >>**' button:
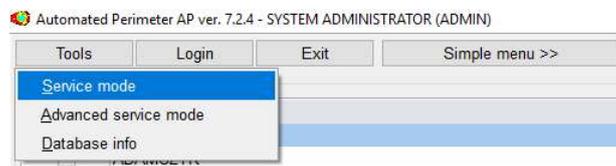
You can return to the default view clicking '**Full menu >>**' button when the Simple Menu screen is displayed.

You can also set the Simple Menu screen as the default one. Go the 'Service Mode', next to the 'Settings' tab, check 'Test and strategy selection - Simple menu", finally click 'Save'.

PRINTING RESULTS

How to define your required print format? Let's assume you need the most used 'Standard HFA' format.

1. Please go to the 'Service Menu":
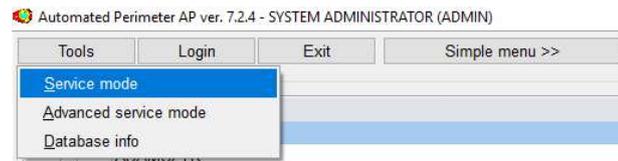
2. Then go to the 'Print layout' tab:

3. From the 'Default printout' combo box select 'Standard HFA' and click the 'Save' button.

Frey

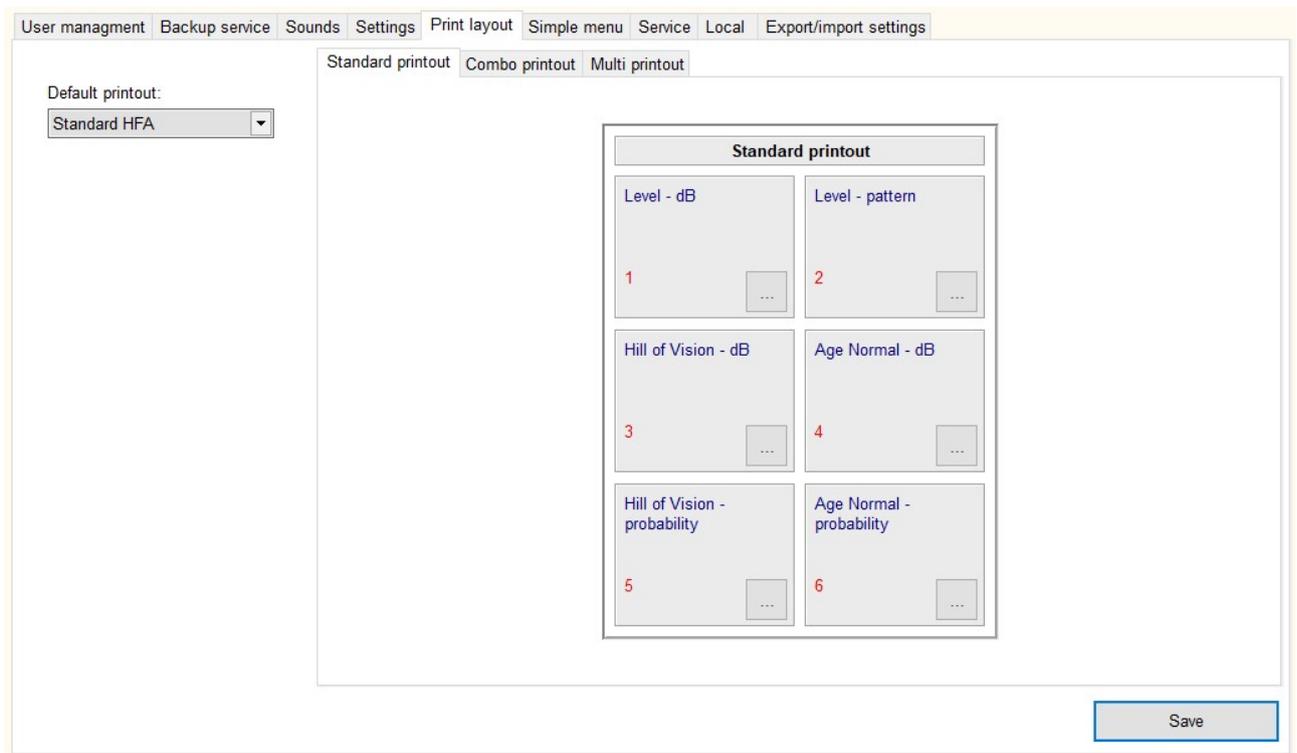# INFORMATION ABOUT PRINTOUTS

The most used printout format is called 'Standard HFA' and is compatible with standard introduce by Zeiss Humphrey in their HFA perimeters line.

Single Field Analysis | | Eye: Left
Name: JAMES BROWN | ID: | DOB: 14-12-1986
Test name: Central 30-2

Fixation Target: Central	Stimulus: White III	Pupil Diameter: -	Date: 19-01-2017
Fixation Monitor: Blindspot	Background: White 10 cd/m2	Visual Acuity:	Time: 12:01:01
Fixation Losses: 8/13	Strategy: Fast Threshold	RX: Nie	Age: 30
False POS Errors: 23%			
False NEG Errors: 0%			
Test Duration: 00:04:19			

TEST PARAMETERS

Fovea: -

dB MAP (IN DECIBELS)

```
            29  27  28  25
        28  28  27  29  25  26
    27  27  28  28  30  29  29  28
27  30  31  30  29  33  32  31  31  30
27  31  31  34  35  33  34  31  31  28
31  28   △  34  35  36  34  31  25  30
31  31  29  32  34  34  32  30  31  31
    31  31  30  31  26  31  31
        31  31  31  31
            31  30  31  31
```
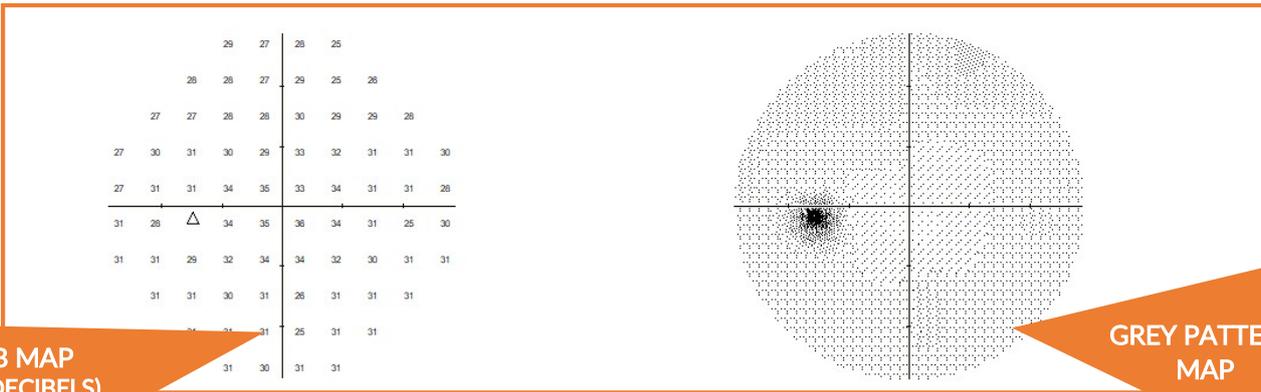
GREY PATTERN MAP
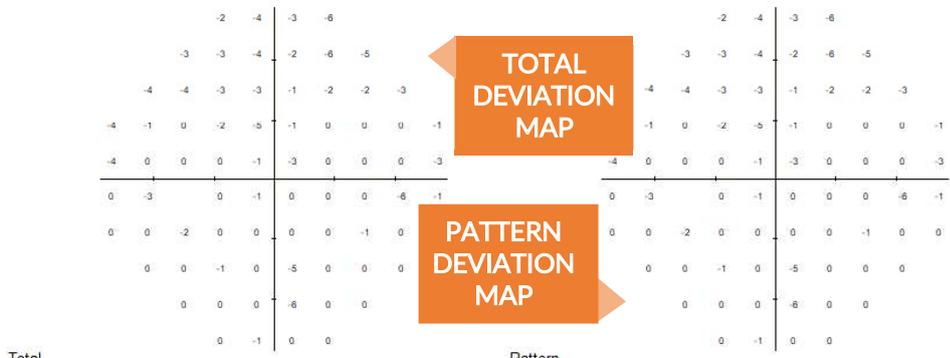
TOTAL DEVIATION MAP

```
        -2  -4  -3  -6
    -3  -3  -4  -2  -6  -5
-4  -4  -3  -3  -1  -2  -2  -3
-4  -1   0  -2  -5  -1   0   0   0
-4   0   0   0  -3   0   0   0  -3
 0  -3   0  -1   0   0  -6  -1
 0   0  -2   0   0   0  -1
     0   0  -1   0  -5   0
         0   0  -6   0
             0  -1   0   0
```

PATTERN DEVIATION MAP

```
        -2  -4  -3  -6
    -3  -3  -4  -2  -6  -5
-4  -4  -3  -3  -1  -2  -2  -3
-4  -1   0  -2  -1   0   0   0  -1
-4   0   0   0  -3   0   0   0  -3
 0  -3   0   0   0   0  -6  -1
 0   0  -2   0   0   0  -1   0   0
     0   0  -1   0  -5   0   0
         0   0  -6   0
             0  -1   0   0
```

Total
Deviation

Pattern
Deviation

TOTAL DEVIATION PROBABILITY MAP

PATTERN DEVIATION PROBABILITY MAP

GHT
No zone defects

AP_MD: -1,49 dB
AP_PSD: 1,88 dB
AP_SF: -
AP_CPSD: -

GLOBAL INDEXES

▦	P < 5%
▩	P < 2.5%
◼	P < 0.5%
■	P < 0.1%

YOUR DISTRIBUTOR

keeping
an eye
on vision