BODYGRAM® PLUS
INTERPRETIVE MODULE

For in-depth assessment of muscular,
nutritional and hydro-electrolytic status.

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N.B.: the "Interpretive" module described below is a Bodygram Plus optional function and cannot be used without activation of a user licence, for which a fee is payable.

INTRODUCTION TO THE "INTERPRETIVE" MODULE

The parameters in the Interpretive module provide important assistance when assessing the nutritional and hydro-electrolytic status of patients in unstable metabolic conditions, such as those suffering from chronic inflammation, sarcopenia, and changes in body composition quality with no apparent change in weight.

The module contains:

- the new Hydragram™ and Nutrigram™ algorithms;
- the FFMI and FMI for diagnosing malnutrition in accordance with the ESPEN Guidelines, and Janssen's Skeletal Muscle Mass Index (SMI) for diagnosing sarcopenia in accordance with the EWGSOP Guidelines;
- the Muscle Quality Index (MQI), which compares the muscle strength measured with a dynamometer with the quantity of mass measured;
- A function for plotting all the impedance vectors of a selected group.

ACCESSING THE INTERPRETIVE MODULE

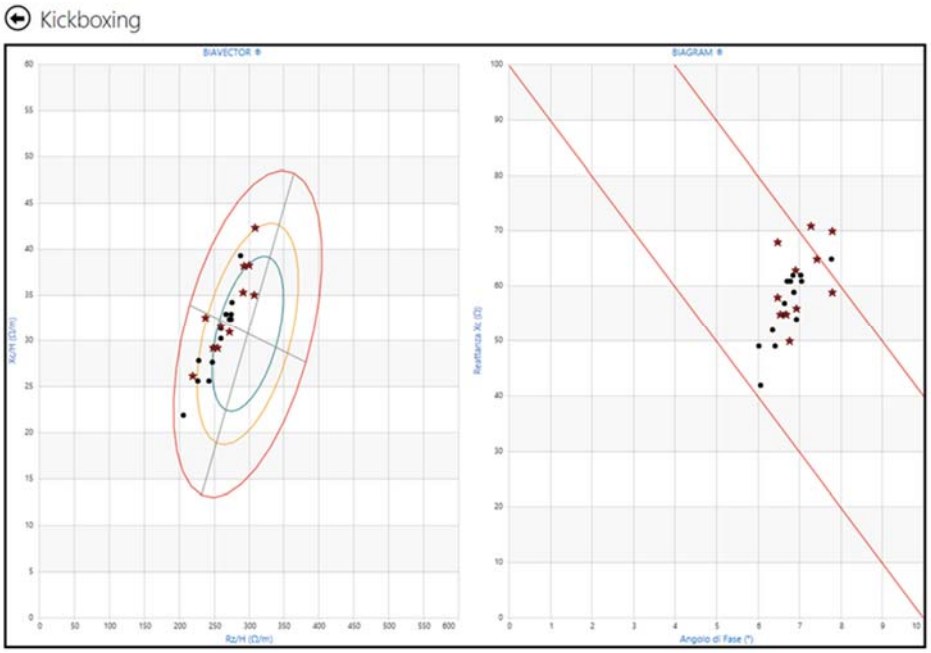
The Interpretive module functions are located in the GROUP and ASSESSMENT screens.
Select a group to display the Interpretive module functions.
In the GROUP screen, the functions are only active if the group includes at least one registered subject with a test.
To access the Interpretive functions in the ASSESSMENT screen:

- ✓ Select the group containing the subject for assessment; enter a new group if necessary
- ✓ Select the subject for assessment if already on file, or enter a new subject
- ✓ Enter a new BIA assessment or select an existing assessment from the listing

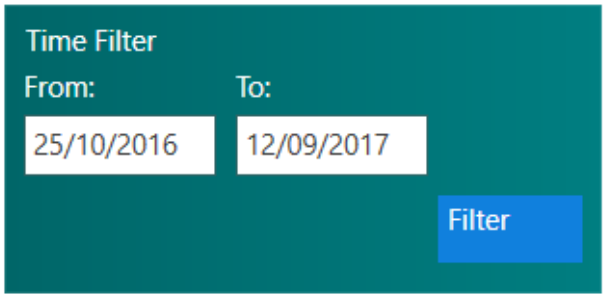
INTERPRETIVE MODULE FUNCTIONS

This function can be used to plot all the tests of all the subjects in a group in the nomograms.

The function is gender-specific.

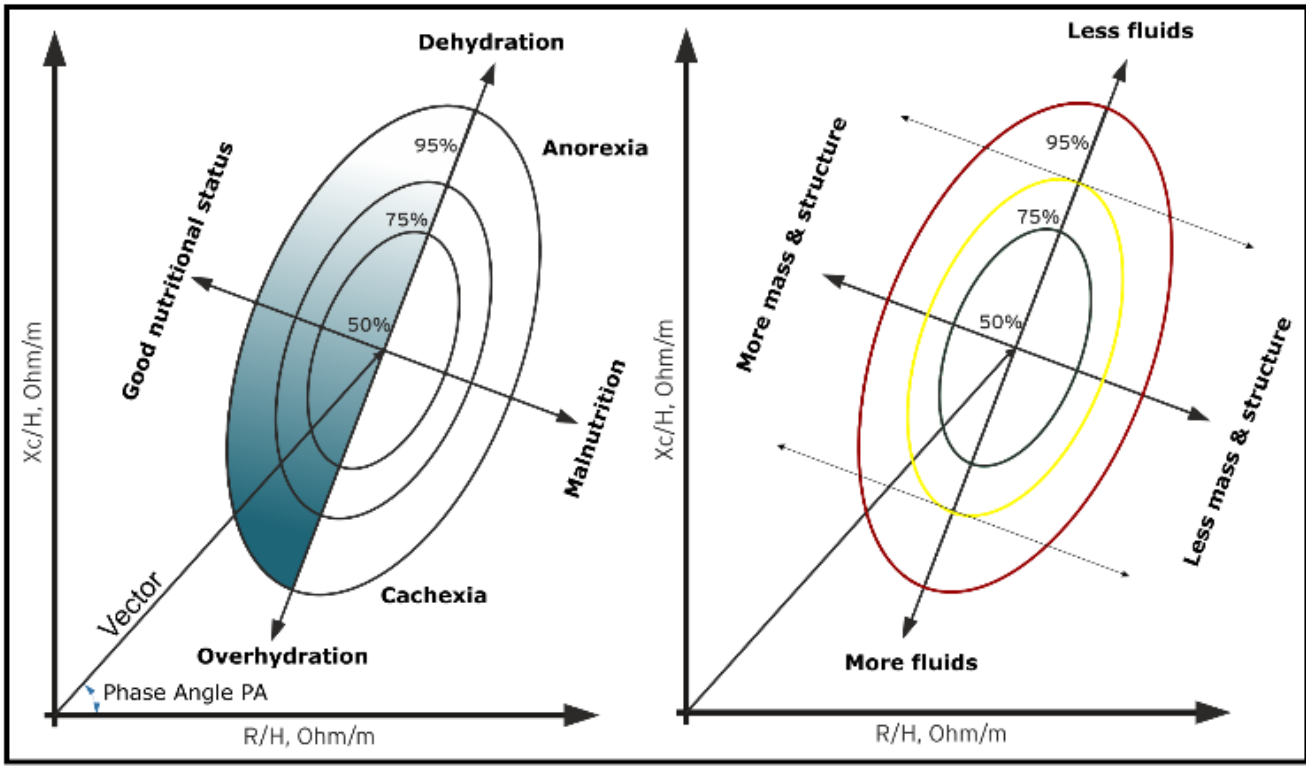


Move the mouse onto each test to view it in detail.
Baseline tests are marked with a star.



A time filter can be applied to the tests displayed.

Displays general information on the reading of BiaVector data.

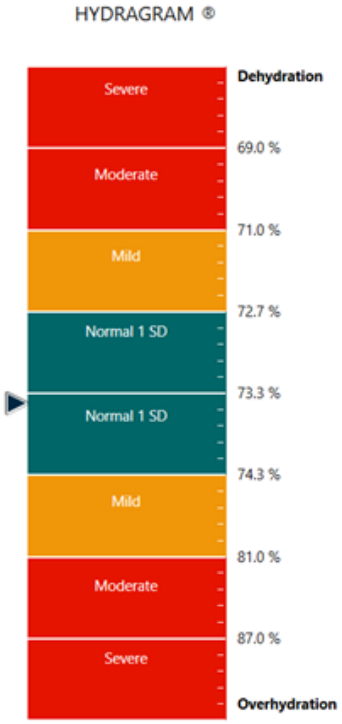


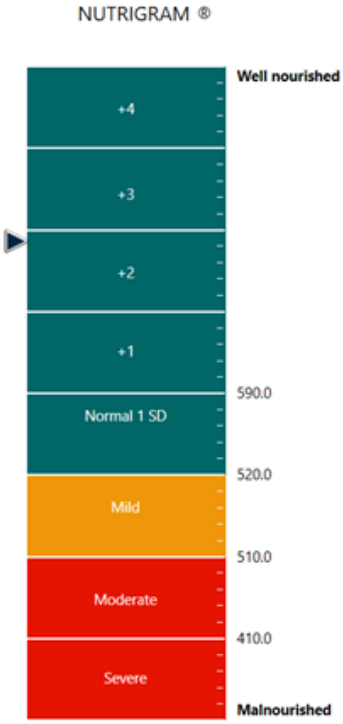
ASSESSMENT INTERPRETIVE FUNCTIONS

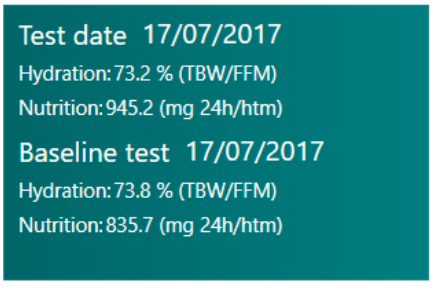
HYDRAGRAM™ and NUTRIGRAM™

Displays positioning on the hydration and nutrition scale.

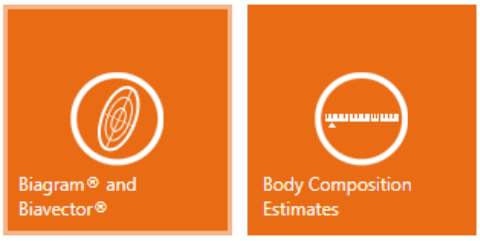
- Triangular symbol: test selected
- Star symbol: baseline test





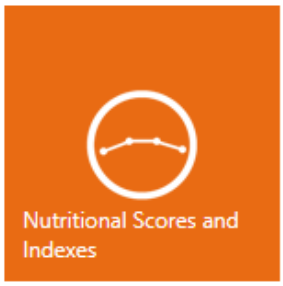


Displays the hydration and nutrition data for the selected and baseline tests



These commands can be used to access the *BiaVector and BiaGram* function or the *Body Composition Estimates* function
(see Bodygram Plus Instruction Manual)

NUTRITIONAL SCORES AND INDEXES (FFMI, FMI)



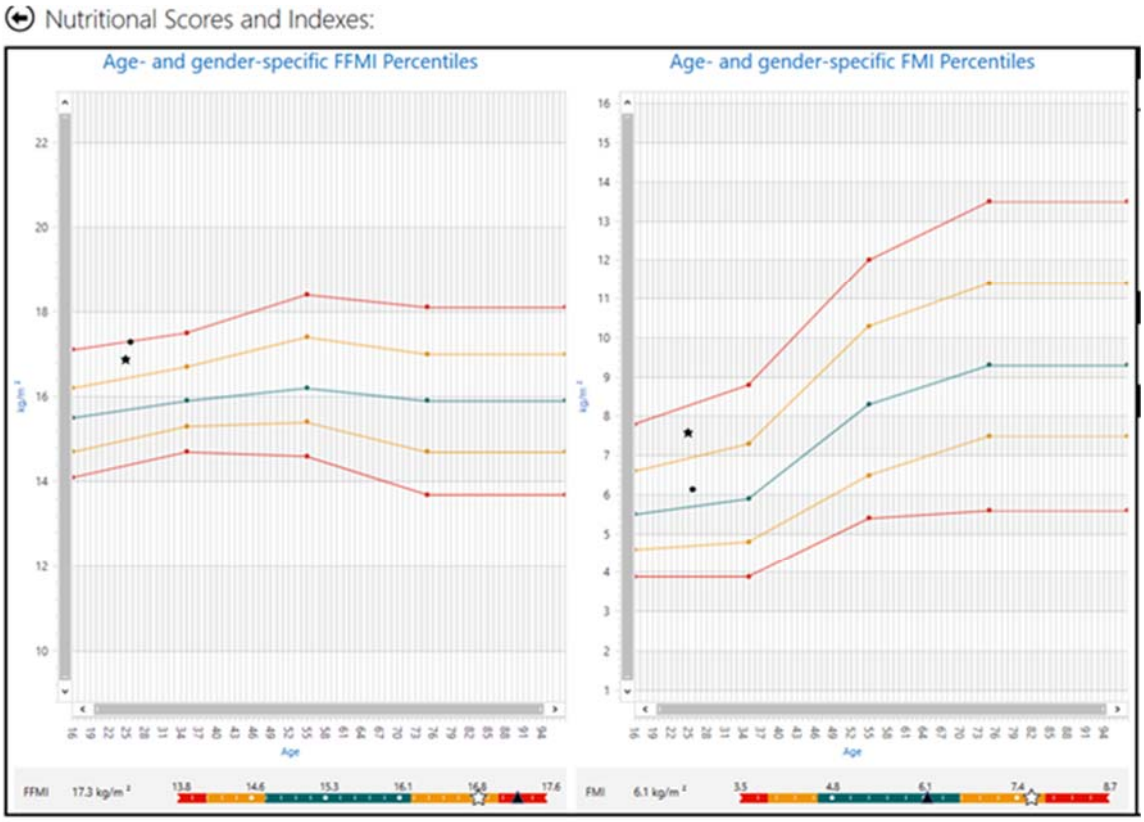
Displays the reference values of the Fat Free Mass Index* (FFMI) and Fat Mass Index* (FMI)

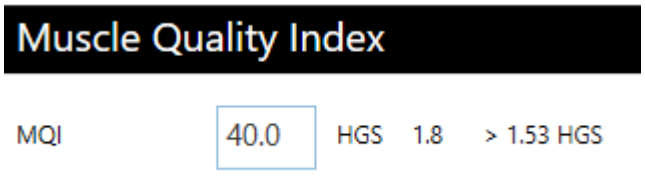
Norms displayed are gender- and age-specific.

FFMI = FFM (kg) / height^2 (m)
FMI = FM (kg) / height^2 (m)

- Star symbol: baseline test.

"FFMI, FMI - Fat-Free Mass Index and Fat Mass Index Percentiles In Caucasians Aged 18 – 98 Y.O." Int J Obes Relat Metab Disord. 2002 Jul;26(7): 953-60.



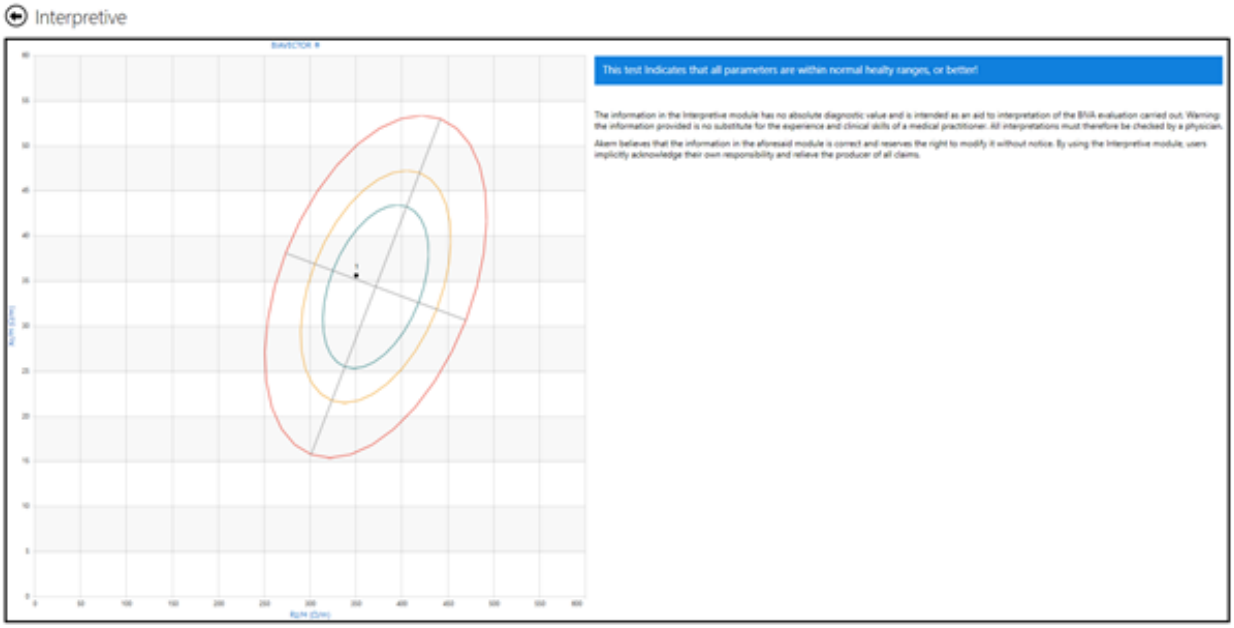


The results of the dynamometric test of handgrip strength can be entered on this screen.

This function can be used to consult the glossary and definitions.

INTERPRETIVE

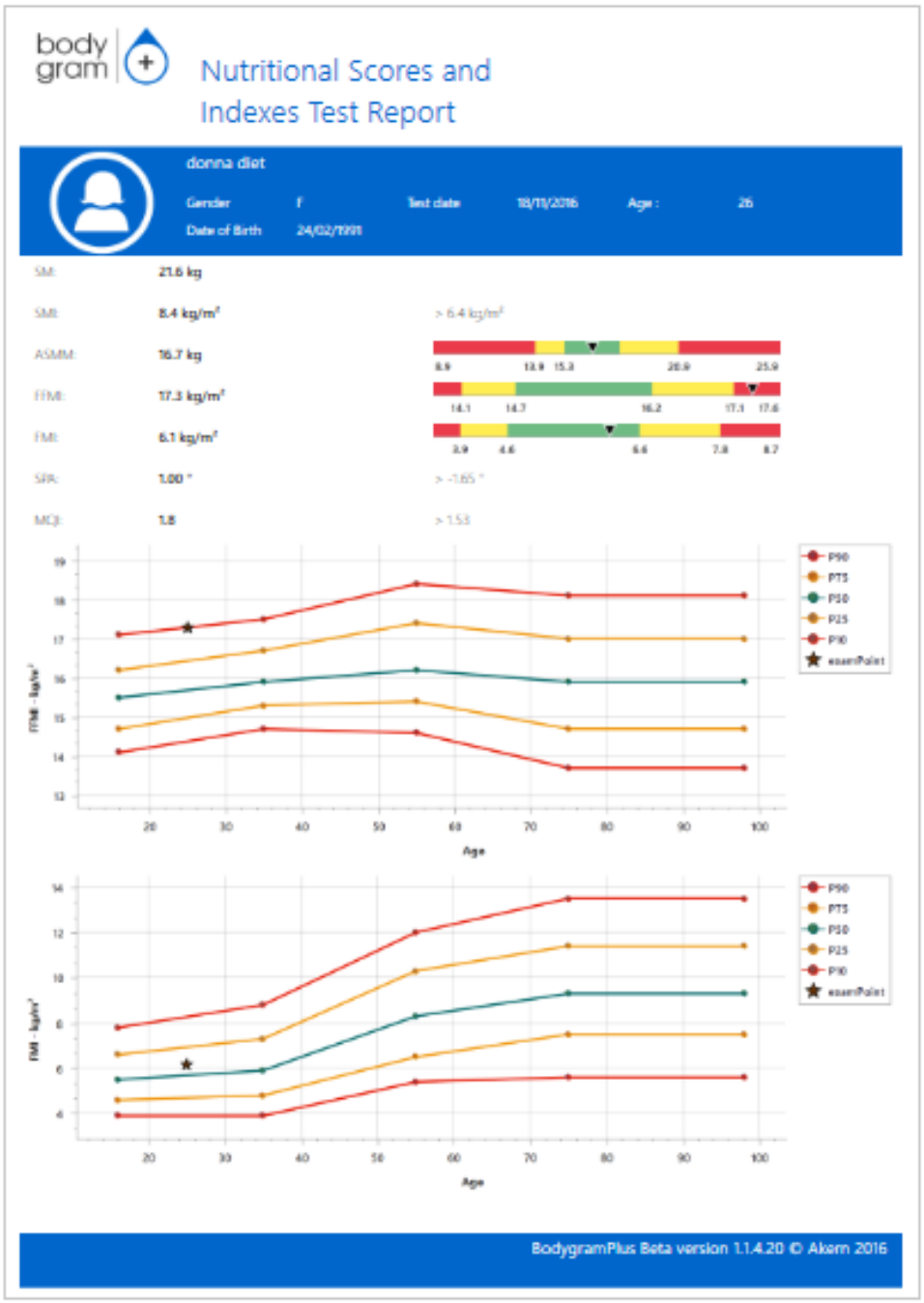
Displays the test on the BiaVector graph and provides a brief interpretation of the result.



INTERPRETIVE PRINTS

NUTRITIONAL SCORES AND INDEXES REPORT

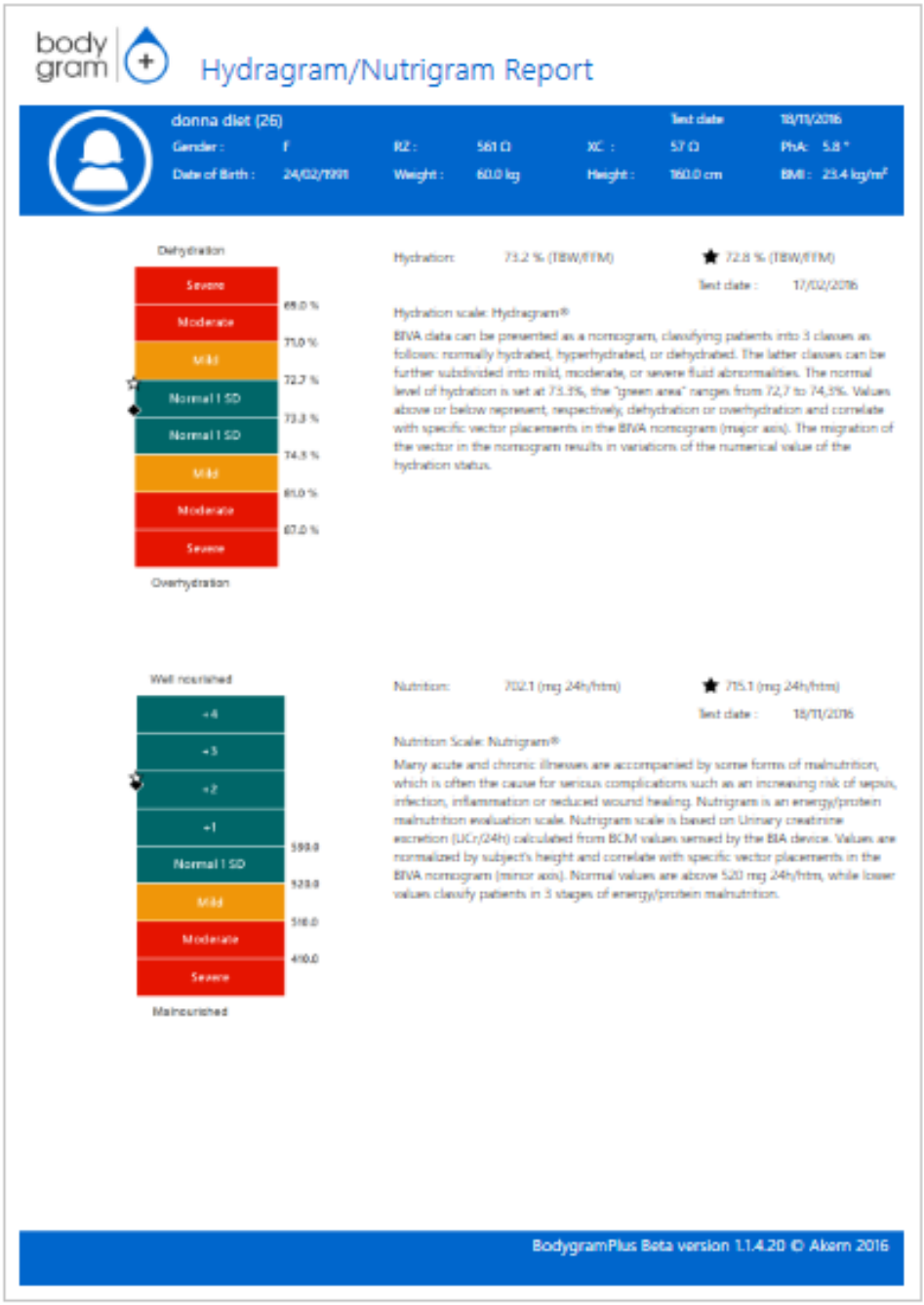
Shows the values of the nutritional scores and indexes. The estimated value and a graphic representation of the reference model are displayed for each parameter.



HYDRAGRAM/NUTRIGRAM REPORT

Displays positioning on the hydration and nutrition scale.

- Triangular symbol: test selected
- Star symbol: baseline test



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