

Bodygram Pro®

Version 3.0

Handbook



A STEP AHEAD
IN BODYCOMPOSITION



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TECHNICAL SPECIFICATIONS, CLASSIFICATION AND INTENDED USE

Medical Device Classification

Bodygram Pro 3.0 is classified as CLASS I medical device according to the Directive 93/42/EC; it is as well a Class A medical device according to standard **EN 62304:2006**.

Intended use

The medical device BODYGRAM PRO has been developed to manage information coming exclusively from the impedance analysers produced by Akern.

Combined use with other impedance analysers invalidates its safety and applicability.

The software generates results without absolute diagnostic value, which however contribute, together with other parameters and clinical evaluation, to the right definition of an alteration of body composition.

The software can be used by anyone: however, we recommend that the interpretation of the results from the application on subjects with altered physiological conditions is performed by trained medical staff.

Technical specifications

Program type: Windows Form Visual Basic

Database type: Microsoft ACCESS, direct access protected by password, encrypted patients' names

Access to the DB: local or with network path, by means of an utility of the software.

Database and configuration file installation folder: user name/documents/Bodygram/

Installation method: User

Prerequisites Microsoft .NET frame work 4, Crystal Report 10.5 (on the installation CD)

Licence: By means of activation key which can be requested Online or Offline

Respect of Patients' Privacy:

Password protected database, patients' names encrypted in direct access to the DB

Possibility of password request on application startup.



Minimum system requirements

- Processors 32/64 bit 2 Ghz or higher
- 2 GB of RAM
- 300 MB of available space on disk
- 128 Mb video card
- Windows XP (All Editions) Windows Vista (All Editions), Windows 7
- Microsoft .NET Framework 4.0
- Crystal report 10.5
- minimum screen resolution 1,024x768
- 17 inches recommended

Bodygram Pro 3.0 is compatible with 32 and 64 bit Windows operating systems (Windows XP or higher), integrated with web-oriented features.

The program has been designed to provide a graphical and analytic support to the BIA measurement system and is bundled with all BIA analysers by Akern Srl and RJI Systems Inc.

Bodygram Pro 3.0 is a software subject to license. The Bodygram Pro licence enables the activation of 3 Users. To purchase additional licenses, contact Akern or an authorized Dealer.



DECLARATION OF CONFORMITY

Medical device: Bodygram PRO (software)

Manufacturer: **Akern S.r.l.**
Via Lisbona 32/34
50065 Pontassieve (FI)
Manager: Antonio Talluri
Sole Director

The manufacturer declares the conformity to the directive **93/42/EC** and later amendments as **Class I** medical device. Conformity is achieved by means of self-certification procedure as defined by the Directive.

The manufacturer undertakes to maintain the required documentation and has entered the medical device in the company quality program.

The manufacturer declares that the medical device Bodygram PRO is as well a class A device according to the definitions of the standard *IEC 62304:2006 concerning the lifecycle of the software. It complies with the provisions of the standard CEI EN 60601-1-4:2000 concerning SEMP.*

ANTONIO TALLURI

Conformity Marking



INFORMATION ABOUT BODY COMPOSITION ALGORITHMS

Acronyms

Rz: tissue electric resistance

XC: capacitive resistance of cell membranes

PA: **phase angle** is the ratio between the two electric measurements of resistance and reactance. It represents an indicator of the general conditions of the body. Standard values are within 4 - 9 degrees range.

TBW: **total body water** is divided into 2 compartments: ICW (Intracellular water) and ECW (Extracellular water).

ECW: **extra cellular water** represents the volume of the fluid outside the cells.

ICW: **intra cellular water** is the water contained inside the cell. Healthy cells maintain their integrity and maintain their fluids inside

FFM: **fat free mass** consists of muscles, bones, minerals and other non fat tissues. It contains approximately 73% of water, 20% of proteins, 7% of minerals. It is divided into Cellular Mass and Extracellular Mass.

BCM: **body cell mass** that is active cellular mass, and represents the total volume of the living cells. It is the metabolically active tissue of the body. Value which determinates the level of physical state. Normal values are approx. 35% - 40% of the body weight.

FM: **fat mass** consists of all the lipids which can be extracted from the adipose tissues and other tissues of the body. The external adipose tissues are often identified as cutaneous fat, while the internal adipose tissues are identified as visceral fat.

The fat mass parameter can be variable since it is calculated by difference. It is reliable only if the measured subject has a standard hydration condition.

BMR: **basal metabolic rate** is the energy consumption of a body at rest and includes the energy required for the vital metabolic functions (breathing, blood circulation, digestion, activity of the nervous system, etc.). Represents approx. 45-75% of the daily total energy consumption. .

MM: **muscle mass** is the skeletal component of the muscle tissue consisting mainly of red and white fibres. It differs from the cellular mass component since it is an actual anatomical component. The muscle mass in the standard subject (healthy, young) represents approx. 50% of the FFM.



INFORMATION ABOUT THE EQUATIONS USED

The body composition results which can be achieved with this program represent estimates derived from linear regression studies.

Such estimates are obtained with AKERN proprietary algorithms which underwent combined comparisons with other public domain algorithms and results obtained with reference methods (DEXA, bio-humoral parameters, isotopic dilutions, etc.) .

The proprietary equations, in some populations, have demonstrated significantly better predictive results (e.g. 1, 2) than those of the equations published on the major specialized journals.

When publishing the results it is sufficient to declare that "the estimates obtained come from proprietary algorithms of the Manufacturer" indicating as well the device model and the software version used. (Bodygram_Pro Vers. Xxx)

Other published estimate equations (Am J Clin Nutr 2003; 77:331-40; Am J Clin Nutr 1996(suppl); 489S-97S) of the FFM, BCM, FM , TBW , ECW , MM parameters which use devices produced by AKERN/RJL SYSTEMS are suggested below:

ADULTS

Males:

$$TBW = 1.2 + 0.45 * (HTM ^ 2) / RZ + 0.18 * WTM$$

$$FFM = -10.68 + 0.65 * (HTM ^ 2) / RZ + 0.26 * WTM + 0.02 * RZ$$

Females

$$TBW = 3.75 + 0.45 * (HTM ^ 2) / RZ + 0.11 * WTM \text{ 'females}$$

$$FFM = -9.53 + 0.69 * (HTM ^ 2) / RZ + 0.17 * WTM + 0.02 * RZ$$

$$FAT (M \& F) = WTM - FFM$$

Note: TBW= Total Body Water in litres ;FFM= Fat Free Mass in kilograms Htm= Height in centimetres; WTM= Weight in kilograms, ;BCM= Body Cell Mass in kilograms; ECW= Extra Cellular Water in litres.

Rz Resistance; Xc= Reactance in Ohm, measured with BIA Akern/Rjl system

1.) Jordan R. Moon et al: *Journal of the International Society of Sports Nutrition* 2007, 4:16

2.) Donadio et Al. : *Single- and multi-frequency bioelectrical impedance analyses to analyse body composition in maintenance haemodialysis patients: comparison with dual-energy x-ray absorptiometry* *Physiol. Meas.* 29 (2008) S517–S524

GENERAL RULES FOR THE INTERPRETATION OF THE NOMOGRAM graph R-Xc

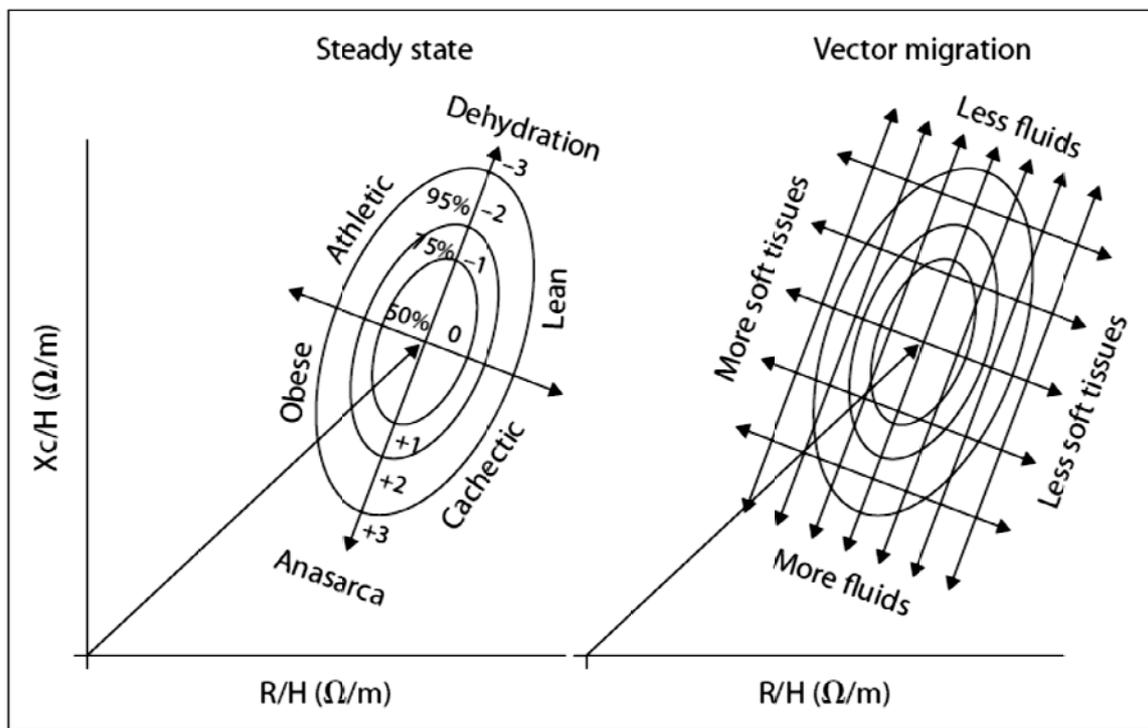


Image provided by the author Prof. A. Piccoli contrib nephrolog 2005; 49:150-161

The changes in body composition detectable in the Graph RXc are associated to changes in tissue hydration (impedance changes). From the current clinical validation it is possible to formulate a very simple reading rule of the Graph RXc.

a) Hydration changes without alterations of the tissue structure (typically acute changes) are associated with a shortening (hyperhydration) or lengthening (dehydration) of the impedance vector along the major axis of the tolerance ellipses.

b) Considering the same hydration change, short vectors do not migrate much, long vector migrate much. The RXc Graph is more sensible in the dehydration area than in the oedema area. This property is due to the non linear (hyperbolic) relation between impedance and body water. A vector is deemed short if it fluctuates below the bottom pole of the 50% tolerance ellipse (bottom limit of normal median). It is deemed long if it fluctuates above the top pole of the 50% tolerance ellipse (top limit of the normal median).



c) Variations of the "nutrition state" of the tissues (cells and interstitial hydrophilic structural proteins), without alterations in the tissue hydration, are associated with a vector migration in the direction of the ellipsis minor axis, with progressive increase of the phase angle (obesity for short vectors, muscle mass for long vectors), or with progressive reduction of the phase angle (cachexia for short vectors, anorexia for long vectors).

d) Combined changes in hydration and structure of the tissues are associated to migration of the vector along the combination of the two main directions.

e) Orthogonal changes (only R, or only Xc), with adjusted analyser (tester with fixed R and Xc), are measurement errors (short circuits due to contact between limbs and trunks, electrodes past their expiry date or not sticky enough, skin covered with creams, unstable circuits on cable connections).

INSTALLATION

Installation from CD

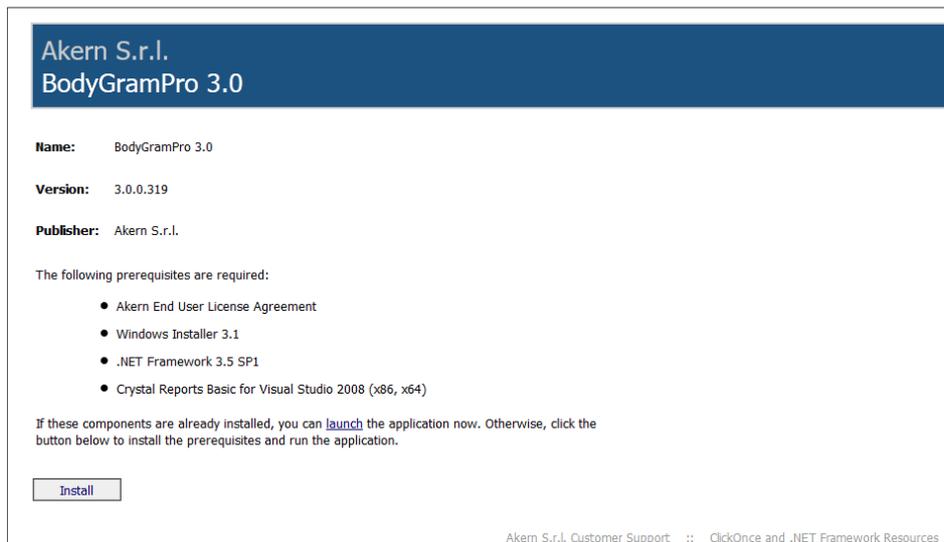
Bodygram Pro 3.0 is provided with an Autoplay system; insert the CD and wait for a few seconds for automatic installation start.

If the procedure does not start automatically open the CD and click on Setup.exe

To complete the installation you need to accept the contract terms (EULA).

Download application from the Web

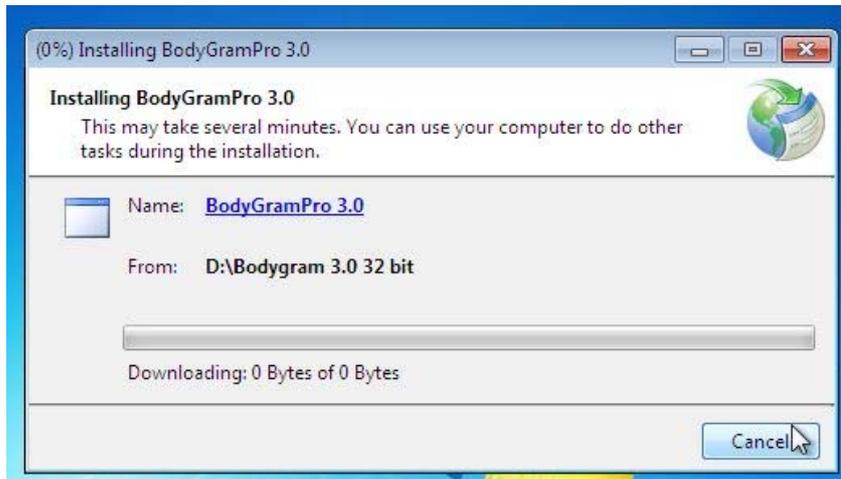
Go with your browser to www.akern.com, select Download area from the Software drop down menu and choose the right version to install between 32 and 64 bit.



Click Install and allow every security request if prompted



Click Install again when asked and wait until the installation is complete



Initial configurations: language selection

When the program is started for the first time, the configuration and language selection menu are displayed.



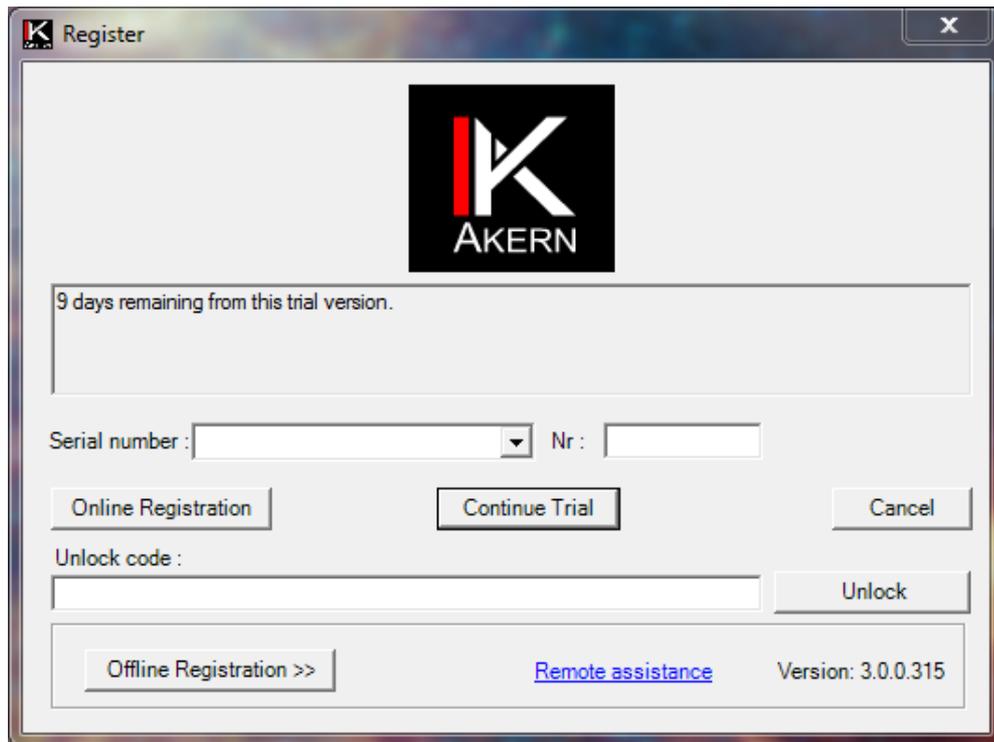
Select one of the available languages and press OK

It is always possible to change the selected language from Menu Utilità – Cambia Lingua

ACTIVATION

Bodygram Pro 3.0 requires an Unlock code.

It is necessary to enter the unlock code within 30 days from installation. Within this period, the activation window is displayed each time the program is started; the user can activate the program or keep using it in trial mode clicking on *Continue trial*. The Trial version is the same as the full version.



After 30 days, Bodygram Pro 3.0 stops until the unlock code is entered.

In order to activate Bodygram Pro 3.0, enter the unlock code in the Unlock Code box and click on Unlock. A message confirms the activation of the application.

In order to obtain the unlock code, enter the serial number of the device, consisting of characters and digits. Example BIA 20xxxxxxx:

- Enter the characters (BIA) in the Serial Number box, selecting it from the drop down menu;
- enter the digits (20xxxxxx) in the Nr. box
- Click on Online Registration to proceed with online automatic activation, or on Offline Registration to manually activate the software.

Online Registration

The online automatic activation procedure is the quickest and easier one. We recommend you to use this procedure.

Click on *Online Registration*.

You access this screen:

Registration (New User)	Login (Registered User)
Click on the button <i>Sign in</i>	Fill in all fields and click on <i>Login</i> Email and Password: enter the e-mail address and password you have chosen during registration as a new user
This opens the <i>Customer Registration</i> form. Fill in all required fields. The fields Email and Password entered by the user at this stage will be used for any future access to the site. It is advisable to pay particular attention to the correct input and storage of this data.	This opens the <i>Customer Registration</i> form, containing all the information entered during registration. Verify the accuracy of the information. Change or update the information if necessary
Enter the verification text	Enter the verification text
Click on Agree to privacy terms to authorize the processing of your personal data	Click on Agree to privacy terms to authorize the processing of your personal data
Click on <i>Save</i>	Click on <i>Save</i>



Customer registration form

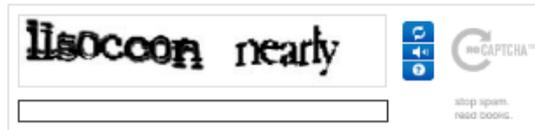


Customer Registration

As manufacturers of Class II Medical Devices and in accordance with the relevant CE regulatory, we are compelled to hold an updated traceability register for all our bio-impedance analyzers. This registration procedure is essential to fulfill post-production phase and to be able in case of re-call to contact all the owners of our devices.

You are kindly asked to fill and return the following form:

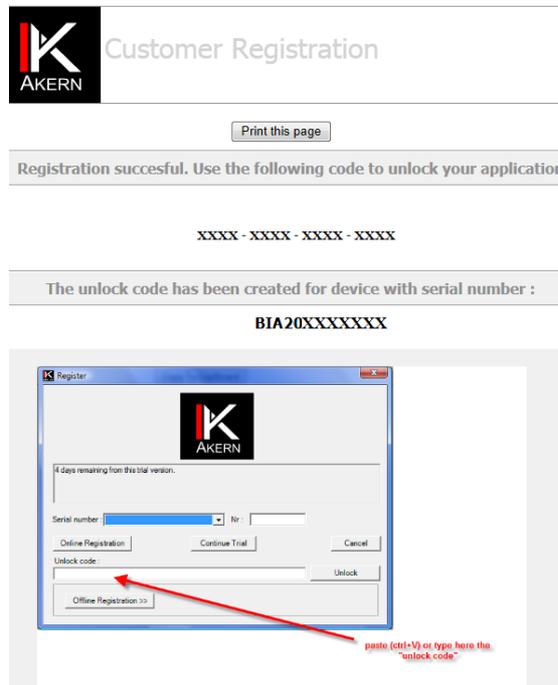
Name :	<input type="text"/>
Surname :	<input type="text"/>
Institution:	<input type="text"/>
Address :	<input type="text"/>
Type :	<input type="text"/>
City :	<input type="text"/>
State :	<input type="text"/>
Phone :	<input type="text"/>
Mobile Phone :	<input type="text"/>
Password : *	<input type="password"/>
Repeat Password : *	<input type="password"/>
Reseller :	<input type="text"/>
Invoice number :	<input type="text"/>
Email : *	<input type="text"/>
Device name :	<input type="text"/>
Device serial number : *	<input type="text"/>



I authorize Akern Srl – Via Lisbona 32/34 – 50065 Pontassieve (FI) to use my personal data. Akern Srl will treat the received personal data with respect to the applicable regulations and privacy obligations. The data conferment is optional but necessary for the above company's management. At any moment the concerned party will be able to exercise the rights free of charge due to the Article 7 of the Act number 196-2003 (cancellation, blockage, updating, adjustment and opposition of all the rights or some part of them) by appealing to the Data manager of Akern Srl.

Agree to privacy terms

At the end of the procedure an e-mail confirming your account details is automatically sent to the email address you entered. The following screen, containing the Unlock Code, is displayed.



Offline Registration

Use this procedure only when Internet access is not available.

Click on *Offline Registration*

Contact Akern by phone, fax or e-mail and provide the following information:

- All data required by the customer registration form on page 15.
The e-mail address and password provided will be necessary for each subsequent access to the site.
- Serial number of the Akern device
- Computer ID and Volume ID (alphanumeric codes displayed by clicking on *Offline Registration*)

The manual activation process takes about 15 minutes.

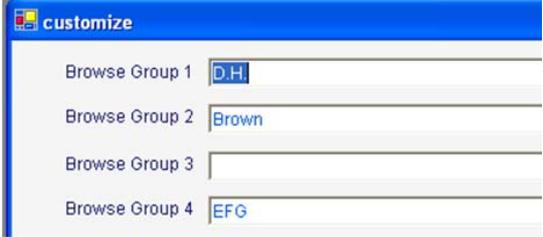
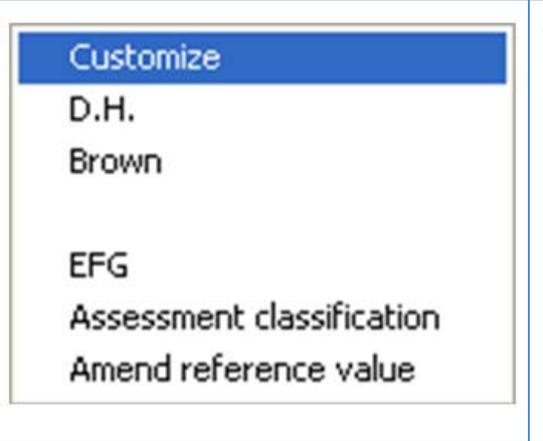
Disabling a license

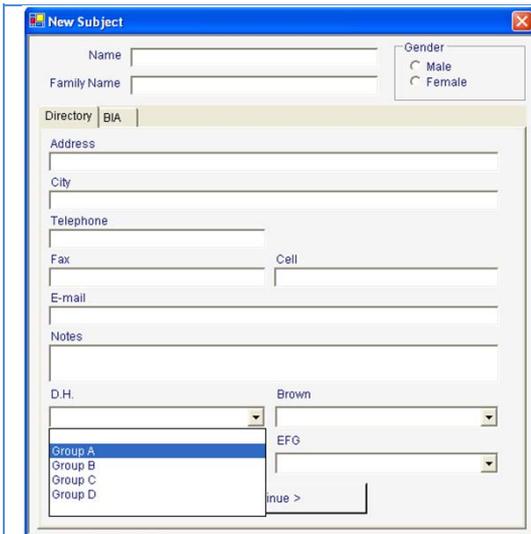
You can disable an User account and make it available for other activations.

To take advantage of this opportunity, contact Akern Customer Service calling the phone number 0558315658 and follow the instructions provided by the operator.

During the call it is necessary to be able to access the computer on which you want to disable the User account and the serial number of the Akern device.

GENERAL PROGRAM SETTINGS: THE TABLES - CUSTOMIZE MENU

	<h3>Browse Groups</h3> <p>This configuration allows to assign to each person up to 4 different and independent classifications.</p>
	<p>The browse groups entered are displayed in the Tables menu and in the Subjects' directory.</p> <p>For each of the browse groups entered, you can create a different classification of the tests.</p>
	<p>Click on the name of the browse group whose classification you want to enter.</p> <p>The <i>Characteristics Management</i> window opens.</p> <p>Enter the sub-groups for the classification of the tests within the selected browse group.</p> <p>You can enter an unlimited number of subgroups</p>



Browse groups and their subgroups appear in the subjects directory.

Clicking on the arrow it is possible to classify the subject in the desired subgroup.



To view the Subjects according to the assigned classifications:

- Select the group you want to view in the box *Sort by*;
- Subgroups related to that group are displayed, with the alphabetical list of their Subjects.

To return to the general list, select *Subject List* in the *Sort by* box



Custom Field

This feature allows you to add two custom fields to store values that may be useful for direct comparison with the analysis.

Example: HTC and LDL

Among the data requested in the *New Test* screen, the fields HTC and LDL are displayed.

The data entered in these fields are displayed in the *Test* screen.

Test default

This feature allows you to choose the test mode automatically proposed by the program.

For more information see the *Mode* menu at page 33.

References

This feature allows you to choose the type of normal reference values with which to compare the values returned by the estimates of body composition. This will then be proposed automatically by the program.

%/Kg Std: use of standard reference values as % compared to the default factory weight.

Kg/m: use of reference values per linear meter of height (kg/meters and litres/meter)



The chosen reference appears in the *Normal range* box of the Test screen.

You can still change at any time the type of reference directly selecting it from the drop down menu of the *Normal Range* box.

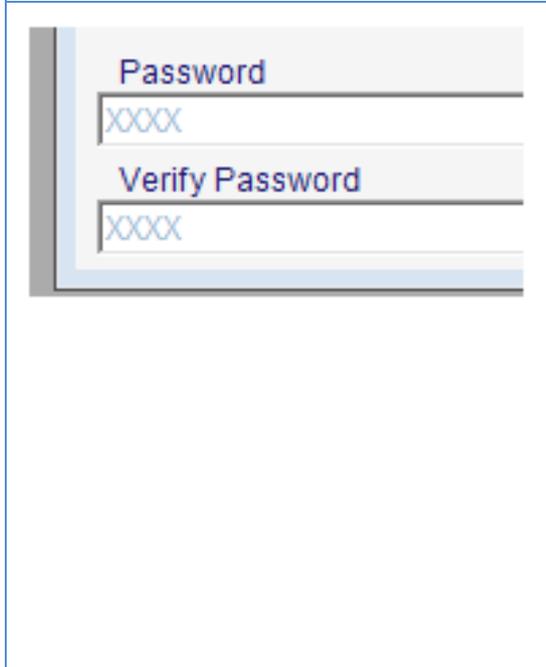


Header

This feature allows you to customize the report print with a header featuring 4 lines - 40 characters per line.

BIA-Report - Height Reference	
Test Date	Dott. Bianchi
Name:	Via Garibaldi 12
Height:	00100 Roma
Weight:	Tel.: 06/11223344

To add a custom logo in the report print, see page 32.



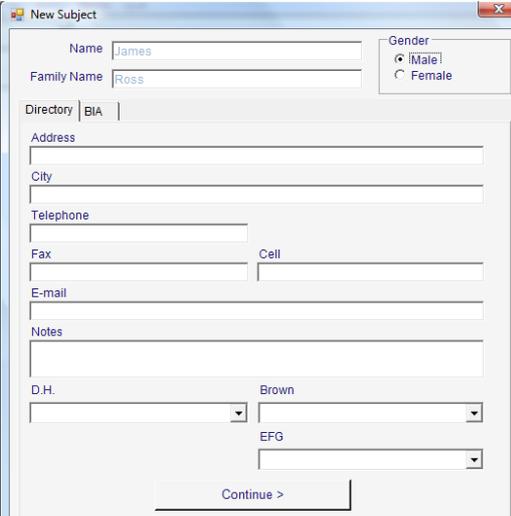
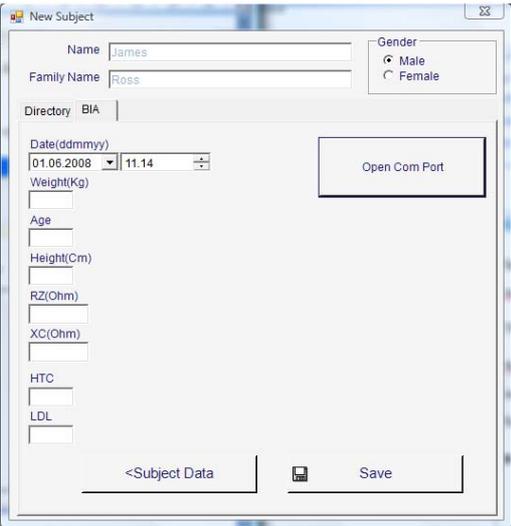
Password Input

This feature allows you to enter an access password that will be requested each time you start the program.

The password is case sensitive, so it differs when typed in uppercase or lowercase. If the password is forgotten, the user is unable to enter the program. In such cases, contact Akern Technical Service.

To disable the password prompt press the *Delete Password* key. The program prompts you to enter the password for the last time and to confirm it. To make the change effective, confirm by pressing *Save* and exit the program.

TESTS MENU

	<h3>Entering a new subject</h3> <p>Selecting <i>New Subject</i> from the <i>Tests</i> menu the <i>New Subject</i> screen is displayed.</p> <p>The screen includes two tabs: <i>Directory</i> and <i>BIA</i>.</p> <p><i>Directory</i> contains general information relating to the subject; it enables to attribute to the subject classifications for one or more browse groups.</p>
	<p><i>BIA</i> contains the data related to analysis.</p> <p>All fields are required, except for custom fields.</p> <p><i>Subject Data</i> to return to <i>Directory</i></p> <p><i>Open Com Port</i> to automatically transfer Resistance and Reactance values measured by the Akern device through a serial or USB connection. Values can be entered manually.</p> <p><i>Save</i> to save the test and go to the <i>Test</i> screen.</p>

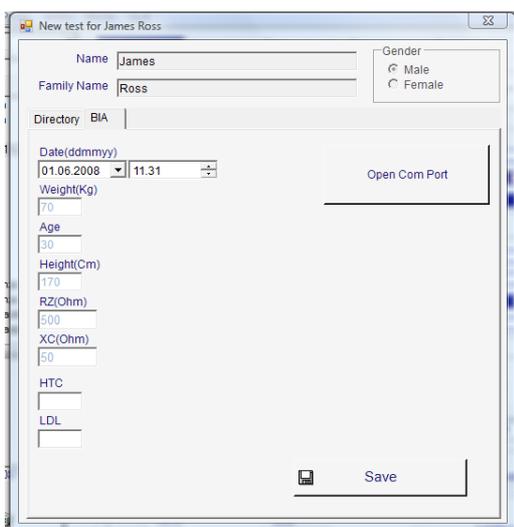


Entering a new test

Select with the mouse the name of the subject in the directory, then select *New Assessment* from the *Tests* menu.

You access the screen *New test for [subject's name]*.

Proceed as for the previous item.

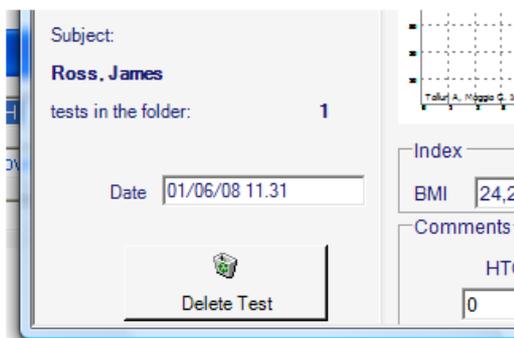


Changing a test

Select with the mouse the test that you want to change in the directory, then select *Modify test* from the *Tests* menu.

You access the screen *New test for [subject's name]*.

Make the changes; click on *Save* to save the changes and access the *Test* screen.

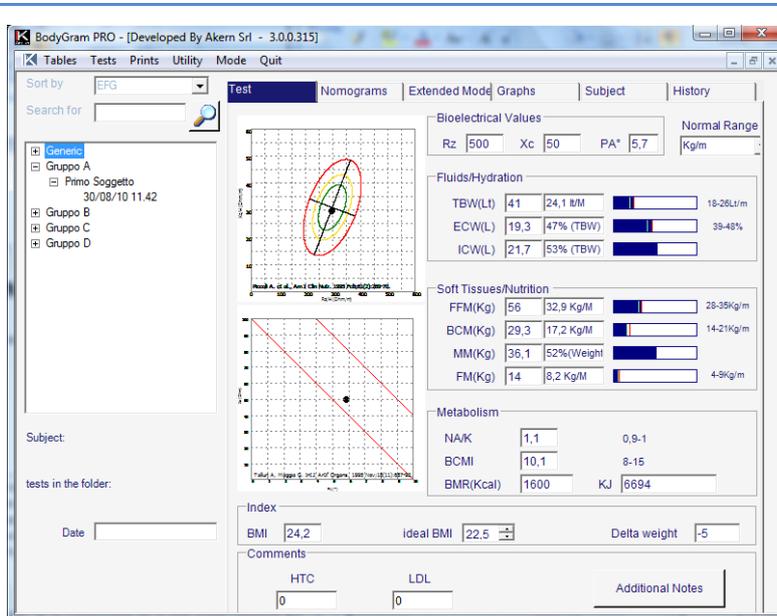


Deletion of an exam or subject

Select with the mouse the subject or test which you want to remove from the database,

Click on *Delete* on the bottom left of the screen.

THE TEST SCREEN



B

Entering a new test, or positioning the mouse over an existing test in the database, you access the *Test* screen.

The screen consists of 6 tabs which enable a quick access to the main interpretation functions.

It is possible to view one tab clicking on the selectors.

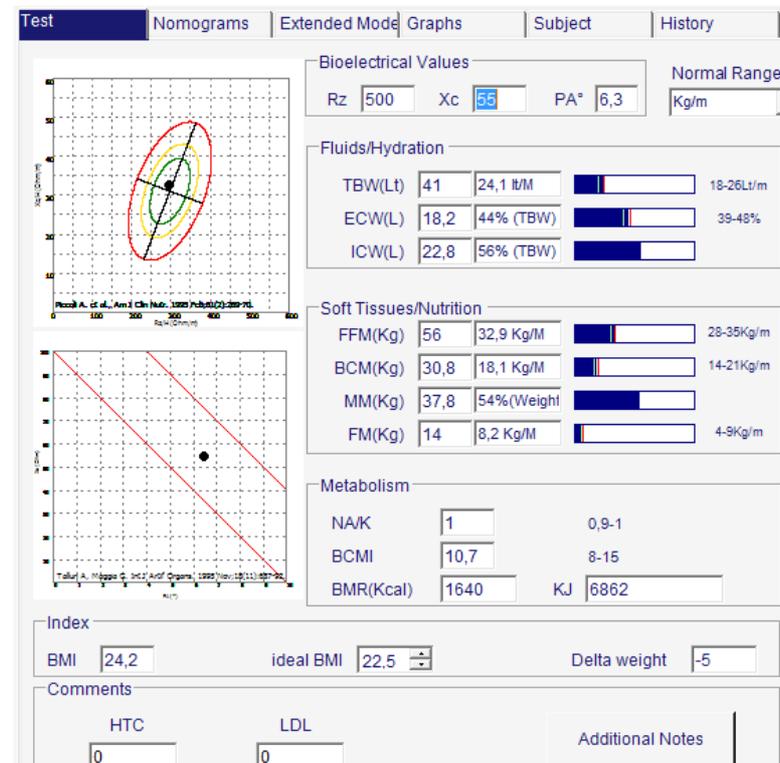


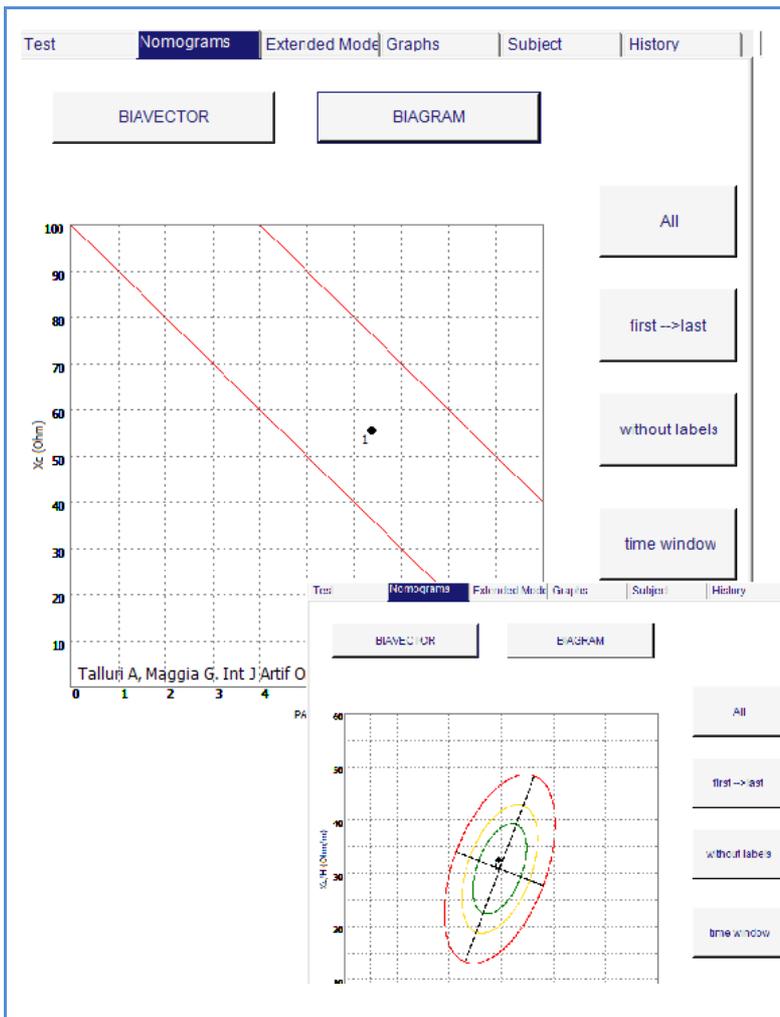
Test tab

Displays the results from the point of view of the qualitative analysis (Biavector® and Biagram®).

The screen displays the bioelectric values of RZ, Xc and PA measured by the analysis, the comprehensive estimates of masses and fluids and the values related to the custom fields.

The *Additional Notes* button enables to enter personal notes related to the subject and exam.





Nomograms tab

Displays the distribution of the analyses related to the patient on Biavector® or Biagram®.

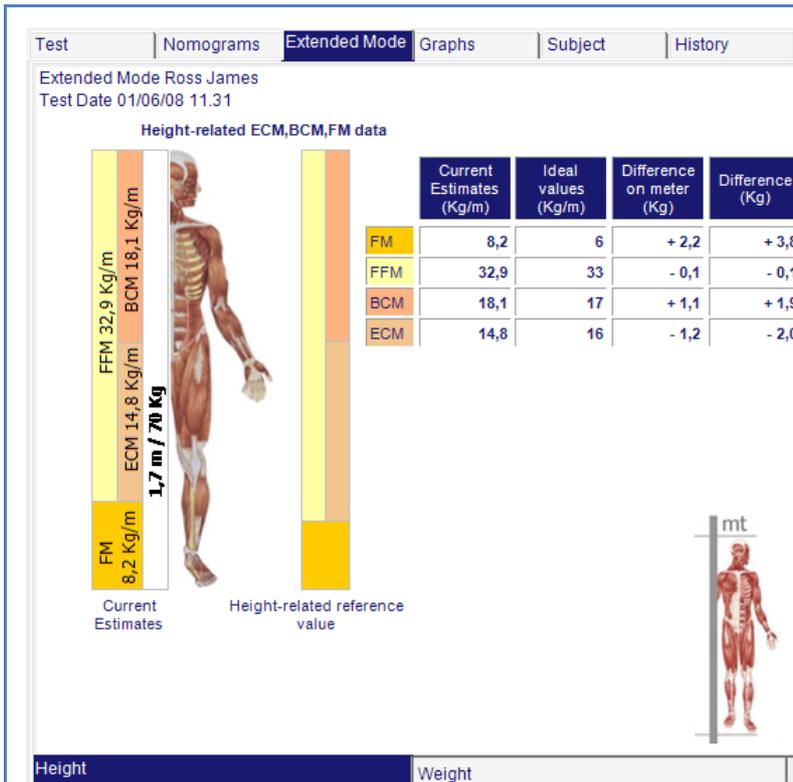
Biavector and *Biagram* buttons to select the nomogram you want to view.

All to view all vectors

First - last to display the first and the last vector in order of time

Without labels shows the general trend of the vectors without numbering

Time window allows you to plot only the tests performed in a given period of time



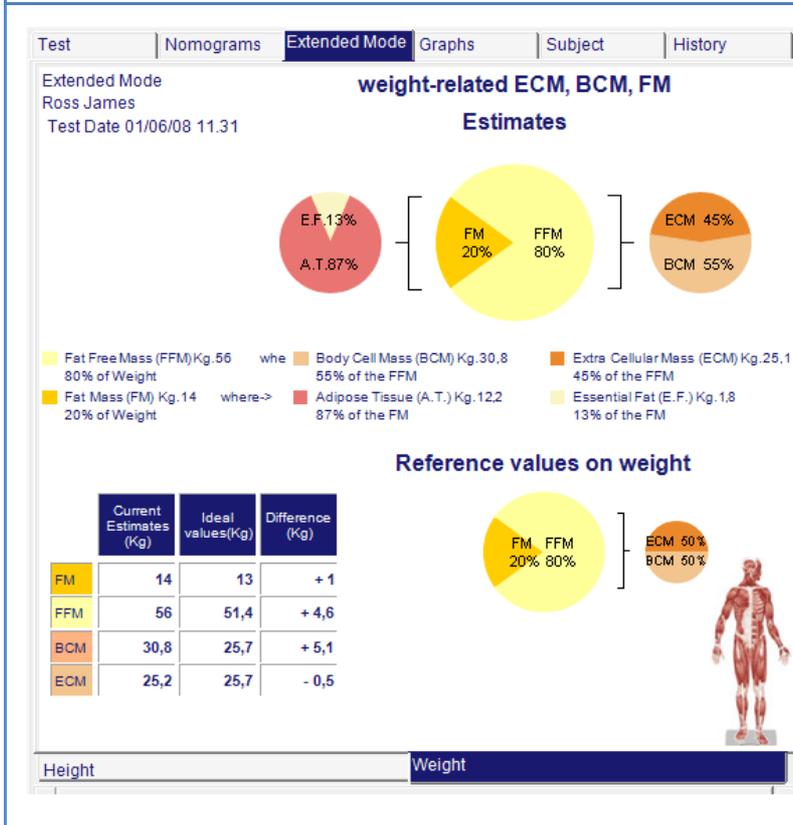
Extended Mode Tab

Allows the interpretation of the results compared to the weight and the height of the subject.

The selectors at the bottom of the screen allow the selection of the desired mode.



Interpretation based on height.



Interpretation based on weight.

Test | Nomograms | Extended Mode | **Graphs** | Subject | History

Tests from
01/06/2008

Tests to
01/06/2008

Include only selected tests

Graph Gallery



Graphs Tab

Allows to obtain bar and line charts from the measured parameters.

You can select the tests based on a certain period of time.

 bar chart with time trend of three parameters on one level

 bar chart with time trend of four parameters on different levels

 line chart with time trend of 1 to 11 parameters on one level

Test | Nomograms | Extended Mode | Graphs | **Subject** | History

Name: James | Family Name: Ross

Age: 30 | Gender: Male Female

Height(Cm): 170

Address: St. John Wood

City: London NWS 6PD

Telephone: +123456789 | Fax: +123456789 | Mobile: +123456789

E-mail: james@akern.com

D.H.: [Dropdown]

Brown: [Dropdown]

EFG: [Dropdown]

Notes: [Text Area]

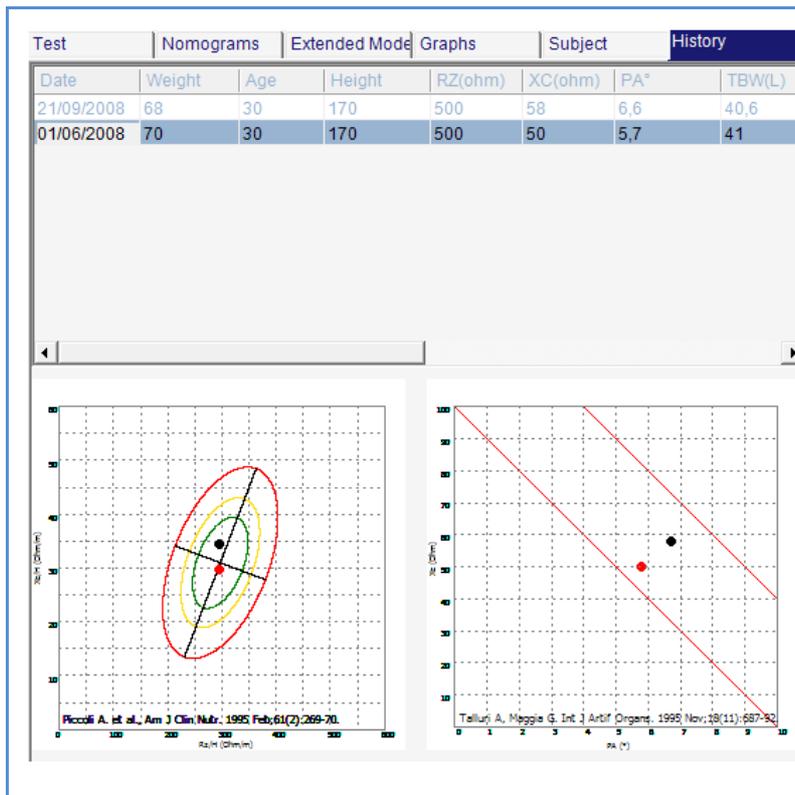
Save Subject | **erase subject**

Subject Tab

Contains personal data and characteristics of the subject.

Save Subject to store any change made

Erase Subject to permanently delete the subject and the related exams from the database. Deleted data cannot be recovered.



History Tab

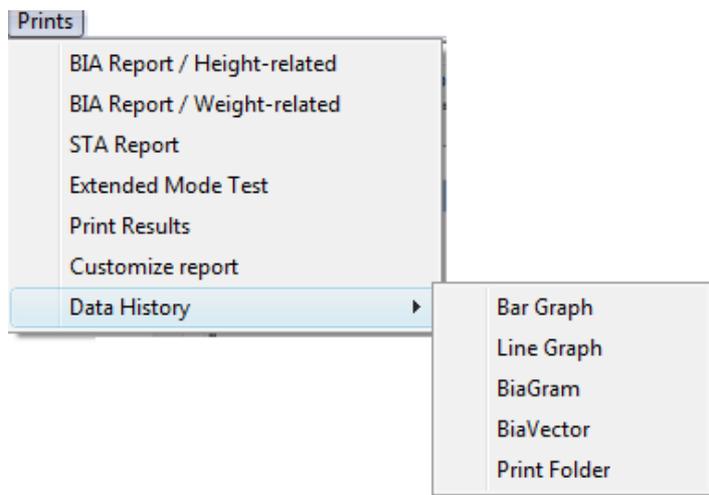
Contains historical data and vectorial analysis covering all the saved exams.

Clicking on a test, the related vector on Biagram and Biavector is highlighted in red.

Clicking on a vector of the graph, the corresponding test is displayed.

PRINTS MENU

The Prints menu provides access to all types of print reports. For each print a preview which creates a .pdf file is available.



This file can be saved on your computer, or sent by e-mail directly from the preview window. To send the e-mail address it is necessary to set up an Outlook or Thunderbird account.



Summary prints

- 1- BIA report / Height related: consists of a 1 page summary report containing Biavector and Biagram analysis and body composition estimates, in which the compartments are shown and normalized according to height (kg/m and l/m)
- 2- BIA Report / weight related: consists of a 1 page summary report containing Biavector and Biagram analysis and body composition estimates, in which the compartments are shown and normalized according to weight (kg e litres in percentage of the total weight or of other compartments)
- 3- STA Report. Manages printout of data collected by STA method (Soft Tissue Analysis) - usable only by users of devices provided with STA analysis module (1 page).

Analytical Prints

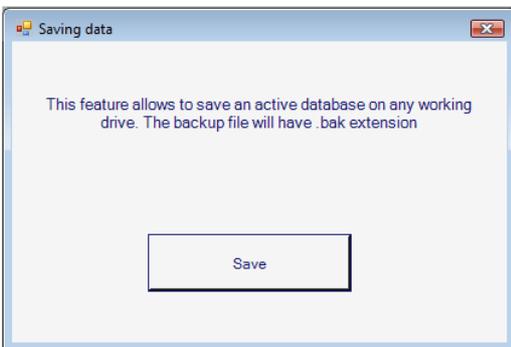
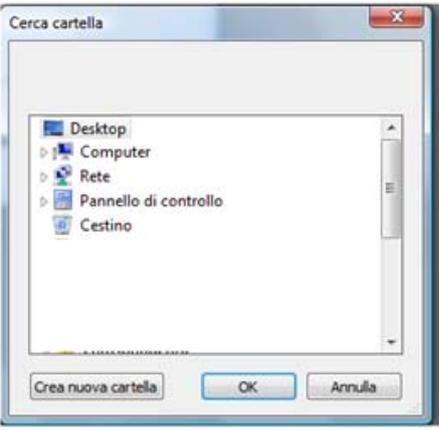
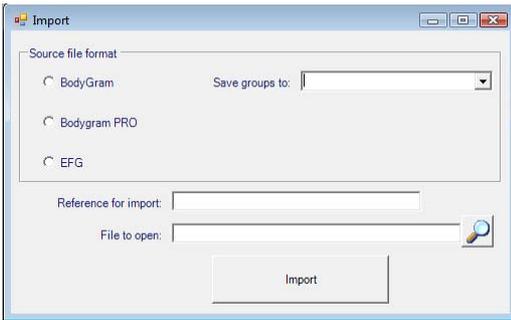
- 1- Extended Mode test: extended mode is the graphic display of the body compartments using the three compartment model (BCM+ECM+FM). The printout provides a report of the values detected with a pie chart with respect to the subject's body weight (traditional), bar chart to display the parameters with respect to the height in linear meters of the subject; Biavector Biagram related to the analysis.
- 2- Print results: this module consists of two pages in which a few lines are dedicated to the explanation of individual compartments and measured values.
- 3- Customize report: this command allows you to automatically print a report consisting of the favourite analysis modules. The user can choose to create a print module that includes an analysis summary report page, along with a chart that indicates variations in the time of phase angle, BCM, and TBW.
- 4- Data History: allows you to create graphs of bioelectric values and/or body compartments using bar charts or line charts, and allows you to plot the values of R_z and X_c of all the analyses in the database on Biagram and Biavector.

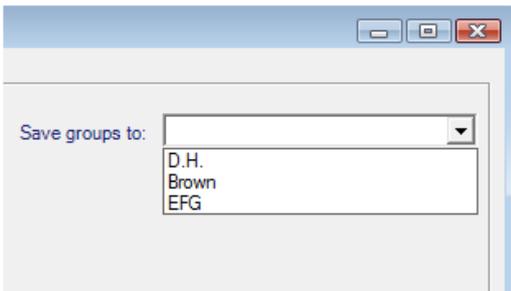
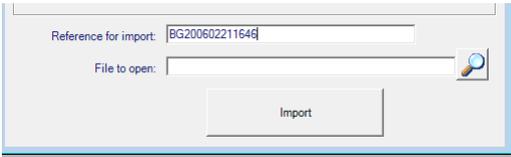
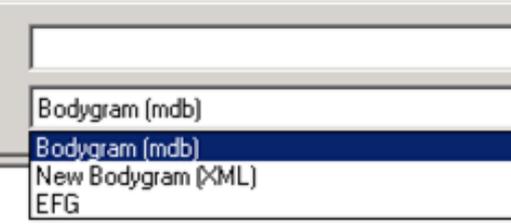
It also allows to print the data contained in the database.

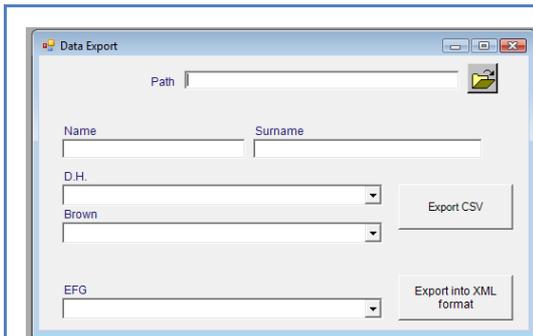
NB: most of the graphics capabilities are enabled on subjects with a minimum of 2 tests.

UTILITY MENU

The *Utility* menu contains commands that act directly on the database and the data contained therein.

	<h3>Backup</h3> <p>This feature allows you to make a copy of the data in the database currently in use by the program. Select <i>Backup</i> from the <i>Utility</i> menu</p> <p>The window <i>Saving data</i> opens.</p> <p><i>Save</i> to confirm the creation of the copy and move to the next window</p>
	<p>You can access the window that lets you choose the destination of the backup file.</p> <p>Select the destination folder or create a new folder, then press <i>OK</i>.</p> <p>The file created is named NB1Data2003.mdb.bak.</p> <p>Remove the .Bak extension to access the file.</p>
	<h3>Import</h3> <p>This function allows you to add data from other databases to the database in use. Select <i>Import</i> from the <i>Utility</i> menu</p> <p>Select the file format you want to import:</p> <ul style="list-style-type: none"> - Bodygram: for all archive and backup files from previous versions of Bodygram (up to version 1.21). - Bodygram Pro: for all the files from the program Bodygram Pro - EFG: Allows users of EFG model devices to import the files contained in the palm device memory (Files Sync).

	<p>The drop-down menu <i>Save groups to</i> allows you to import the data into the selected browse group. If no group is selected, data will be saved in the <i>All Subjects</i> list.</p> <p>NOTE: If you want to import data from a database of Bodygram 1.21 or higher where patients are sorted into folders, you should ALWAYS create a group before importing; imported database folders will be displayed as subgroups of the group created.</p>
	<p><i>Reference for import:</i> allows you to identify the data imported during a session. The reference automatically proposed by the program is an alphanumeric code consisting in the program acronym (BG) and the import date and time in military format (2006 year - 02 month - 21 day - 16:46 hour). This encoding allows you to simultaneously delete from the database all the subjects who have been subject to a previous import session (for example, in the case of incorrect database import).</p>
	<p><i>File to open:</i> pressing  a windows open which allows to select the file to be imported.</p> <p>Warning: only the files compatible with the import (files with extension *.mdb, *.xml or *.EFG) will be displayed.</p> <p>Select the file to be imported, press <i>Open</i> and confirm it with <i>Import</i> to complete the import.</p>



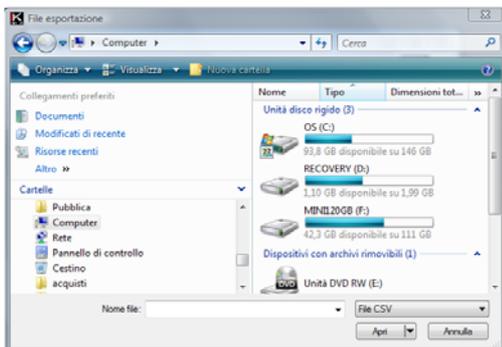
Export

This feature allows you to export all or part of the database in .Csv or .Xml format.

The export allows to operate independently on the database with database management software such as, for example, MS-Excel® or SYSTAT®

Select the patient or the group you want to export and press .

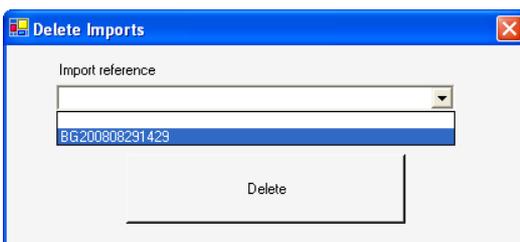
If no selection is made, the entire database will be exported.



Select the file destination, name the file and select the file format.

Press *Open*.

The software returns to the previous window. Select *Export CSV* or *Esporta in XML* to complete export.

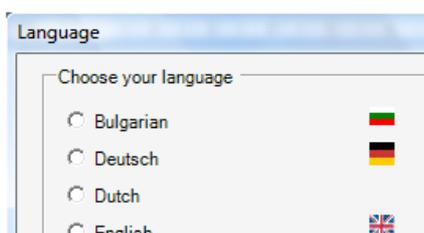


Delete

This feature allows you to delete all the tests subject to an import session.

Choose from the drop down menu the import session you want to delete and press *Delete*.

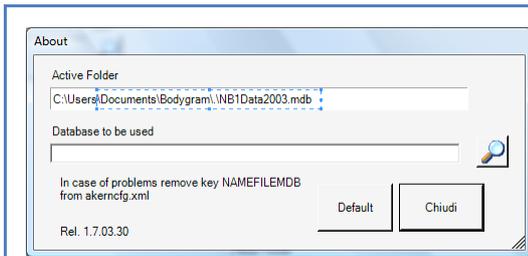
Warning: this operation is irreversible.



Switch Language

Allows you to change the language chosen during installation.

You must restart the program to apply the changes.



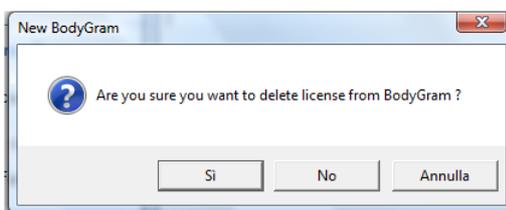
Switch folder

Allows you to choose the database with which you want to work.

The function is useful to run the application installed on multiple machines with a single database hosted on a server or remote unit, and to restore previously saved backup databases (see Utility –Backup).

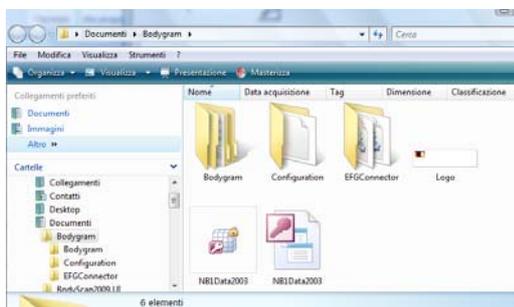
Press  to select the database to be used.

You must restart the program to apply the changes.



Delete License

Allows you to transfer a license to a new computer. Contact Akern Technical Support to do this.



Logo Folder

Allows to enter a customized logo on report printouts. By choosing this function you access the folder in which you can save the file containing a customized logo.

The file must have the following characteristics:

Format: .jpg

Dimension: rectangular, cm 8X1,60 or 300 x 60 pixels

Name: Logo.jpg



MODE MENU

The *Mode* menu allows the user to choose the type of software interface depending on the Akern device in use or the type of test performed.

BIA	<p>This mode allows you to perform complete body composition analysis with the following Akern devices:</p> <ul style="list-style-type: none">• BIA 101, BIA 101 Anniversary• QUANTUM/S• BIA 101S• Quantum/STA in BIA mode• STA/BIA in BIA mode• EFG
STA	<p>This mode allows you to perform complete body composition analysis exclusively with the following Akern devices:</p> <ul style="list-style-type: none">• STA• QUANTUM/STA• STA/BIA in STA mode• EFG in STA mode• BIA 101 Anniversary in STA mode

QUIT MENU

The *Quit* menu allows the user to close the program properly without damaging the database. Avoid exiting Bodygram PRO closing the application window with .

TROUBLESHOOTING

The installation does not start automatically by inserting the CD

Browse the CD contents and click on Setup.exe

In the activation process the message "Licence for serial (Bodygram PRO) could not be found, please insert it" or "Invalid serial number" is displayed

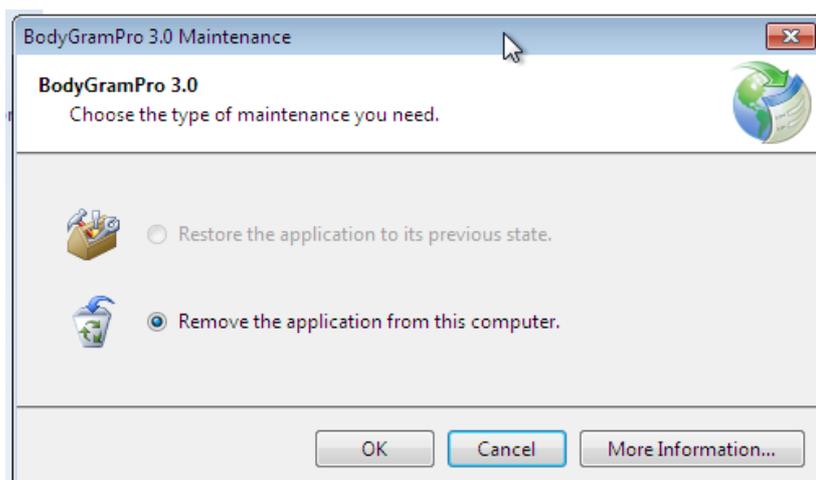
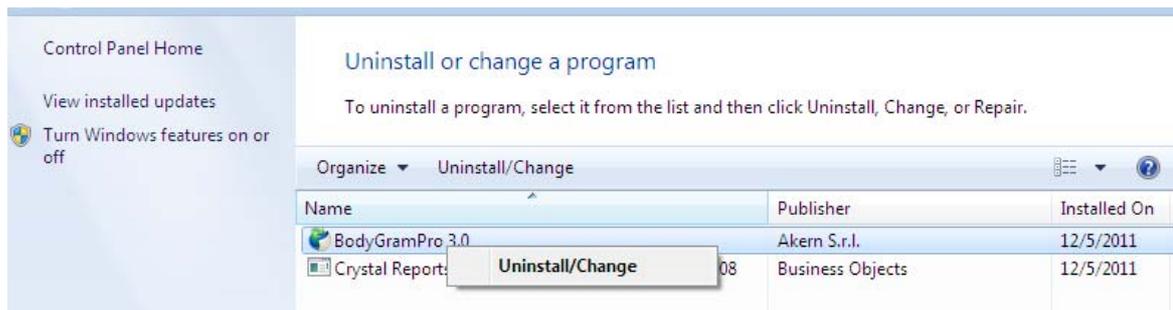
Verify the correct input of the serial number. If the problem persists, contact Akern Technical Service.

It is not possible to print the reports. A message error is displayed

Open the contents of the installation CD. Install *Crystal Reports*.

BODYGRAM PRO RESTORE OR UNINSTALL

Bodygram Pro 3.0 can be uninstalled from Add or Remove Programs (XP), Programs and Features (Vista, Windows 7) of the Control Panel.



Restore the application to the previous state: in case of a failed upgrade or program freezing after installation, it is possible to return to the last working configuration.

Remove the application from this computer: completely removes the application.



A STEP AHEAD
IN BODYCOMPOSITION

Akern Srl

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