

Zell-Check®

Manual



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1 Installation

1.1 Warning

Before connecting the spectrophotometer, you must install the program.

1.2 Installation



When you purchased the Zell-Check program, a download link was supplied by email. In order to install the program on your computer, you will need to download it by clicking on the link provided in the email. If you no longer have the link, you can type in the address bar of your browser:

<http://www.zell-check.com/download>

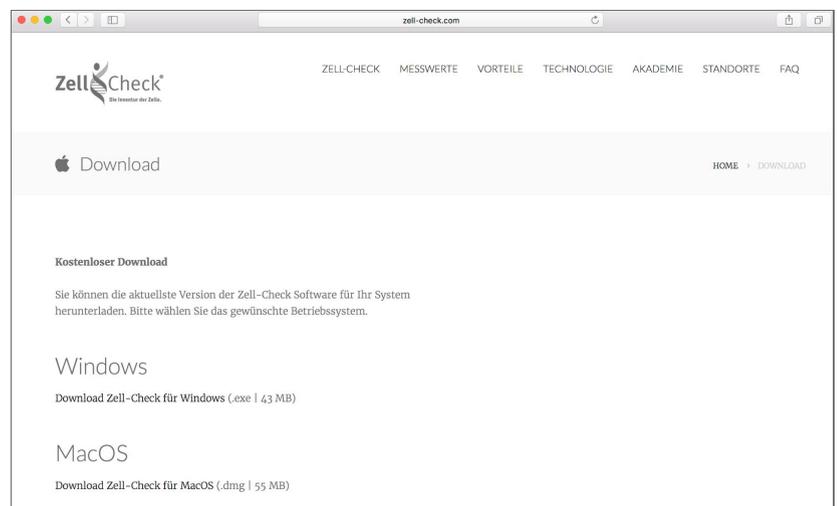
You choose the program to download according to the system on which your computer runs: Windows or MacOS.

Note: Windows XP is no longer supported.

Download Page:

Download the program adapted to your computer:

- Windows Version
- MacOS Version



Notes:

- Windows: ≥ 7
- MacOS: minimum 10.7.5

1.3 Installation Notes

Installation for Windows 7, 8, 8.1 or Windows 10

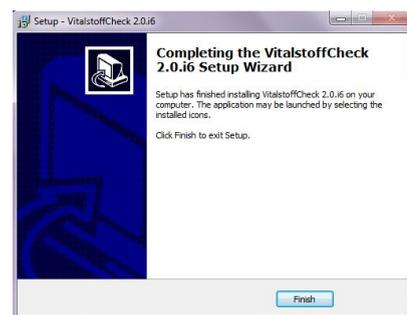
Follow simply instructions of the program of installation.
Following the execution, the icon Zell-Check is on your desktop.

Note: The application software Zell-Check (*setup-zellcheck.exe*) downloads the file to Downloads of Windows. Follow installation instructions, it can take a few minutes.



Follow all the instructions.
Always by clicking "Next".
Up to the window "Finish".

You can check the icon
on your desktop.



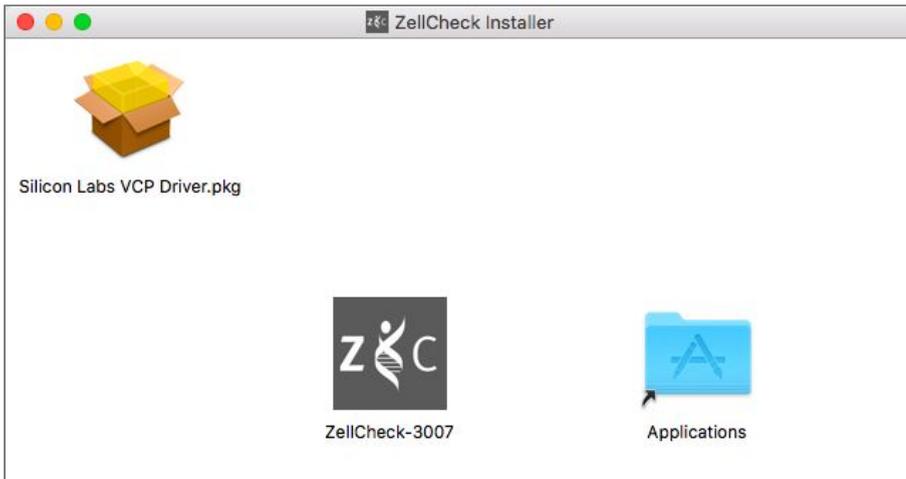
Known Issue for Windows - MSVCP140.dll is missing

If you want to start the Zell-Check software after the installation and get the error message "MSVCP140.dll is missing" there is a solution available.

Solution: Open the *Zell-Check* folder under *Programs* on your Windows system. Now, open the subfolders *drivers* and *redistrib* to run the file *vcredist_2015_x86.exe* using a double-click. Afterwards the Zell-Check software will run without any issues.

Installation for MacOS

On the download webpage, click the program 'Download Zell-Check für MacOS'. The window below opens.



Note: The application software Zell-Check (*Zellcheck-Installer.dmg*) downloads the file to Downloads of MacOS. Follow installation instructions, it can take a few minutes.

Click the icon [ZellCheck](#) to start the program. The login screen appears.

2 Use of the program

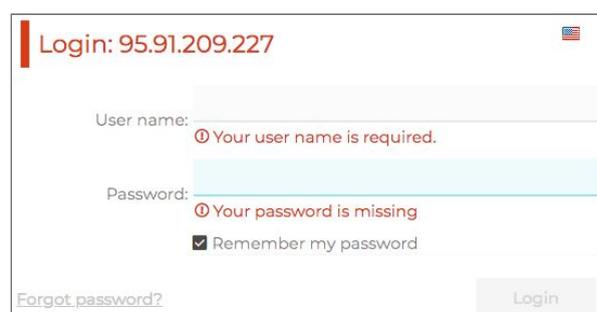
Read this chapter to find out the capabilities of the Zell-Check software.

2.1 Login Screen

When you start the program, a home screen asks you your « [User name](#) » and your « [Password](#) ». They were provided to you upon subscription to the Zell-Check program.

You received your login details in a separate email from the Zell-Check Team.

You can later (see chapter titled 'Account') change your password.



Note: You can change the display language by clicking on the little flag at the top right of 'pop-up' box.

When you start the application, the Zell-Check systematically performs a calibration of the spectrophotometer.

This process takes a few seconds. The window automatically closes when the calibration is complete.



Please verify that "the white target" is visible on the basis of the spectrophotometer and that the spectrophotometer is correctly installed (on its base).

Note: If ever the calibration does not occur, it is likely that the spectrophotometer is not connected correctly or that it is not recognized by the system; see chapter 'Operating conditions'.

If successful, the status of the spectrophotometer appears green and its serial number is displayed.

✔ Spectrophotometer ready - serial # 10050

In case of problems, the status of the spectrophotometer appears in red at the bottom of the screen.

❌ Spectrophotometer not connected.

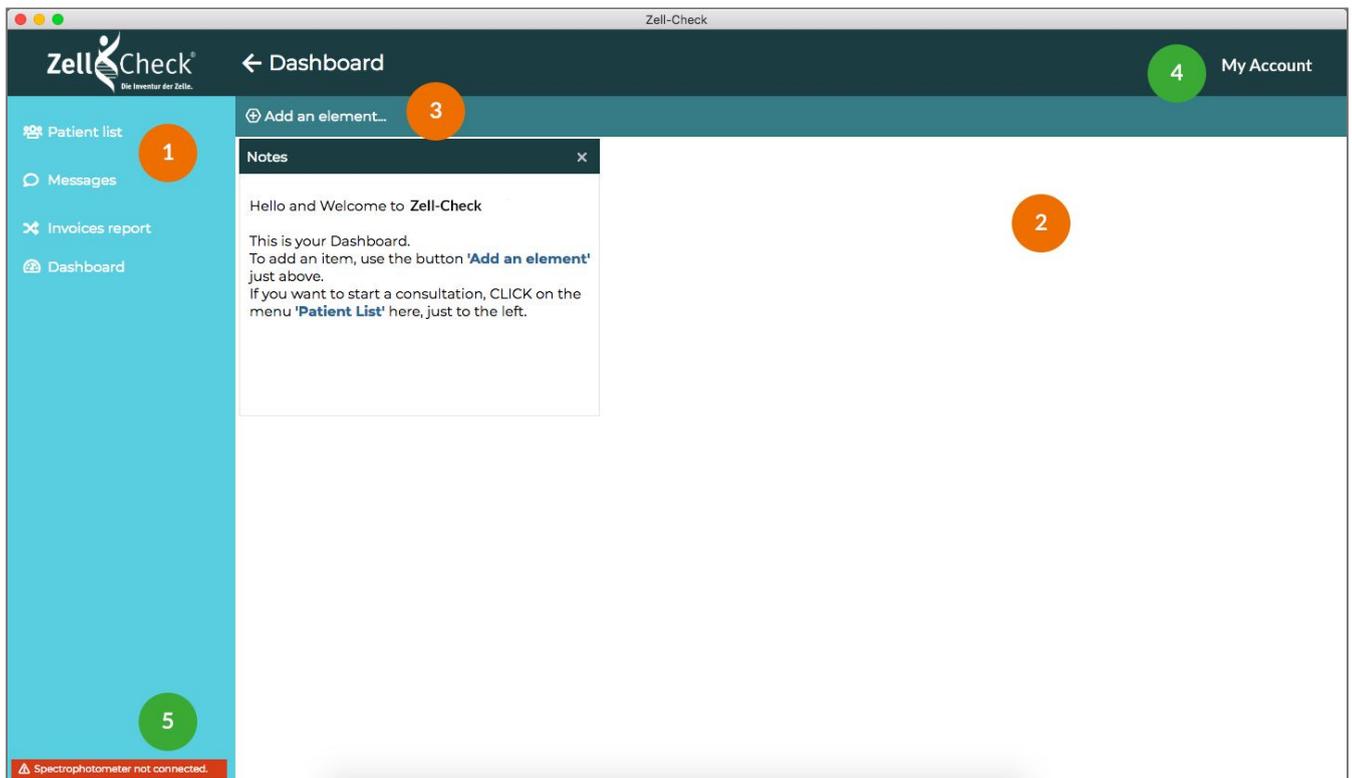


Possible incident of calibration: verify the cleanliness of the lens and with a cotton stalk clean this one with precaution.

Dashboard

This page is the main page and allows you to see at a single glance all the relevant information about your program Zell-Check.

Home page or « Dashboard »



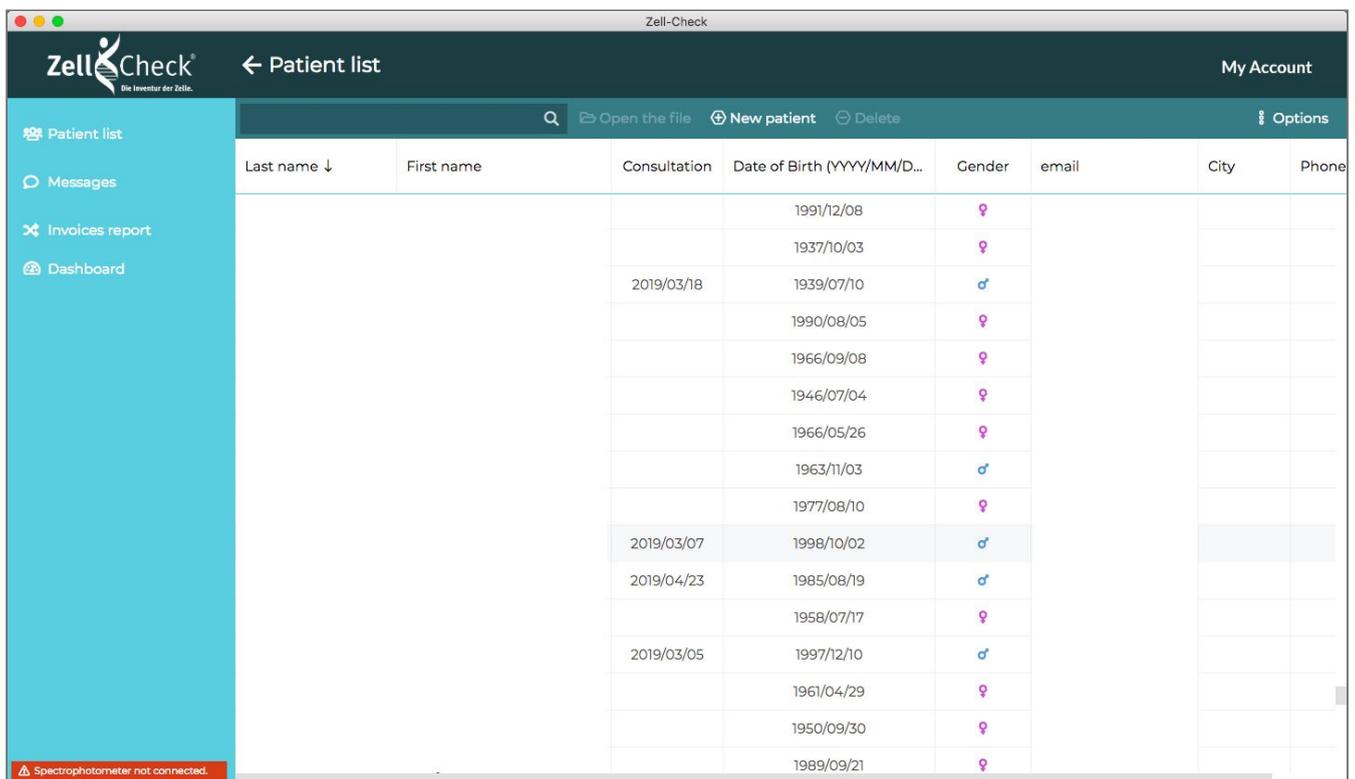
No.	Title	Description
1	Navigation bar	You have access to all the features of Zell-Check by this zone, click simply an element to have access there.
2	Workspace	Lists or sheets will display in this space.
3	Bar with title	You can go on the previous or following page with the right and left arrows situated to the left of the title. A menu option will display according to pages to give you additional options concerning this page.
4	Login information	Change your account preferences or logout.
5	Spectrophotometer Information	Status of your spectrophotometer.

Note: By default, the Zell-Check program remembers on which page (General) you quit the program. For example the list of patients.

3 First consultation

During a consultation, you will have to create or modify your reference cards. In the navigation bar, click on the item « [Patient list](#) ».

3.1 Patient list



Last name ↓	First name	Consultation	Date of Birth (YYYY/MM/D...	Gender	email	City	Phone
			1991/12/08	♀			
			1937/10/03	♀			
		2019/03/18	1939/07/10	♂			
			1990/08/05	♀			
			1966/09/08	♀			
			1946/07/04	♀			
			1966/05/26	♀			
			1963/11/03	♂			
			1977/08/10	♀			
		2019/03/07	1998/10/02	♂			
		2019/04/23	1985/08/19	♂			
			1958/07/17	♀			
		2019/03/05	1997/12/10	♂			
			1961/04/29	♀			
			1950/09/30	♀			
			1989/09/21	♀			

This list shows all the patients that you have already created and will be empty when you use first.

You will find their names, first names, sex, date of birth and date of last consultation.

To search for a patient by name or his first name, simply click in the search box and type the first few letters, the list will refresh automatically by filtering that corresponding persons.

Note: You can change the display order of the list (like anywhere in the program) by clicking on the header of the column.

You can open the card to a patient by clicking on the patient and on the 'Open' button, or to go faster, you can also double-click on the desired line.

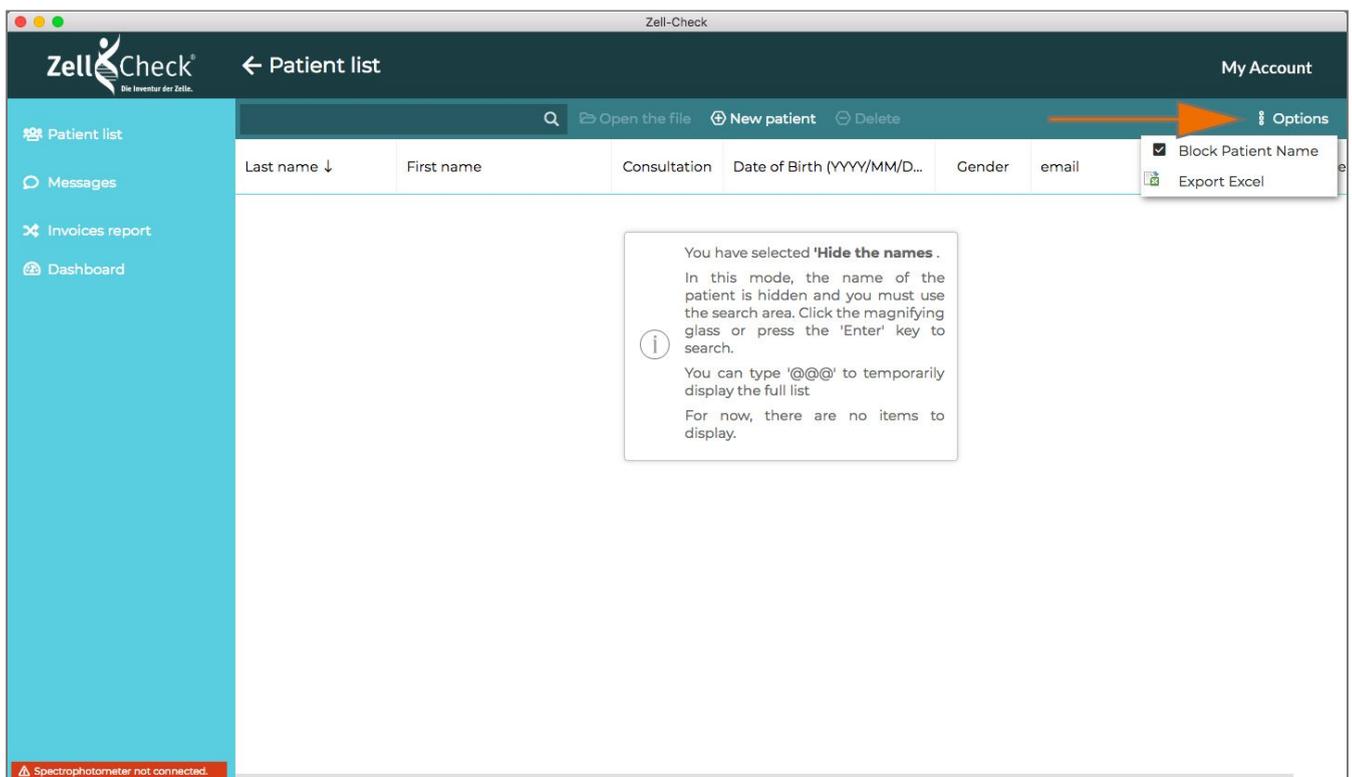
To create a new patient, click on the « [New patient](#) » button.

 And finally, to remove a patient, select it and click on 'Delete'. **Attention, all its information and its balance sheets will be permanently lost.** The calculated balance sheets you will be still charged.

To go back (on the home screen), you can click arrow on the left of the title at the top of the page.



If for any reason, you do not wish that anyone see the list of your patients, you can click on the menu 'Options' and select the option « Hide the names » by clicking on « Block Patient Name ».



The screenshot shows the 'Patient list' page in the Zell-Check application. The 'Options' menu is open, and the 'Block Patient Name' option is checked. An information box is displayed in the center of the page, explaining the 'Hide the names' mode.

Information Box:

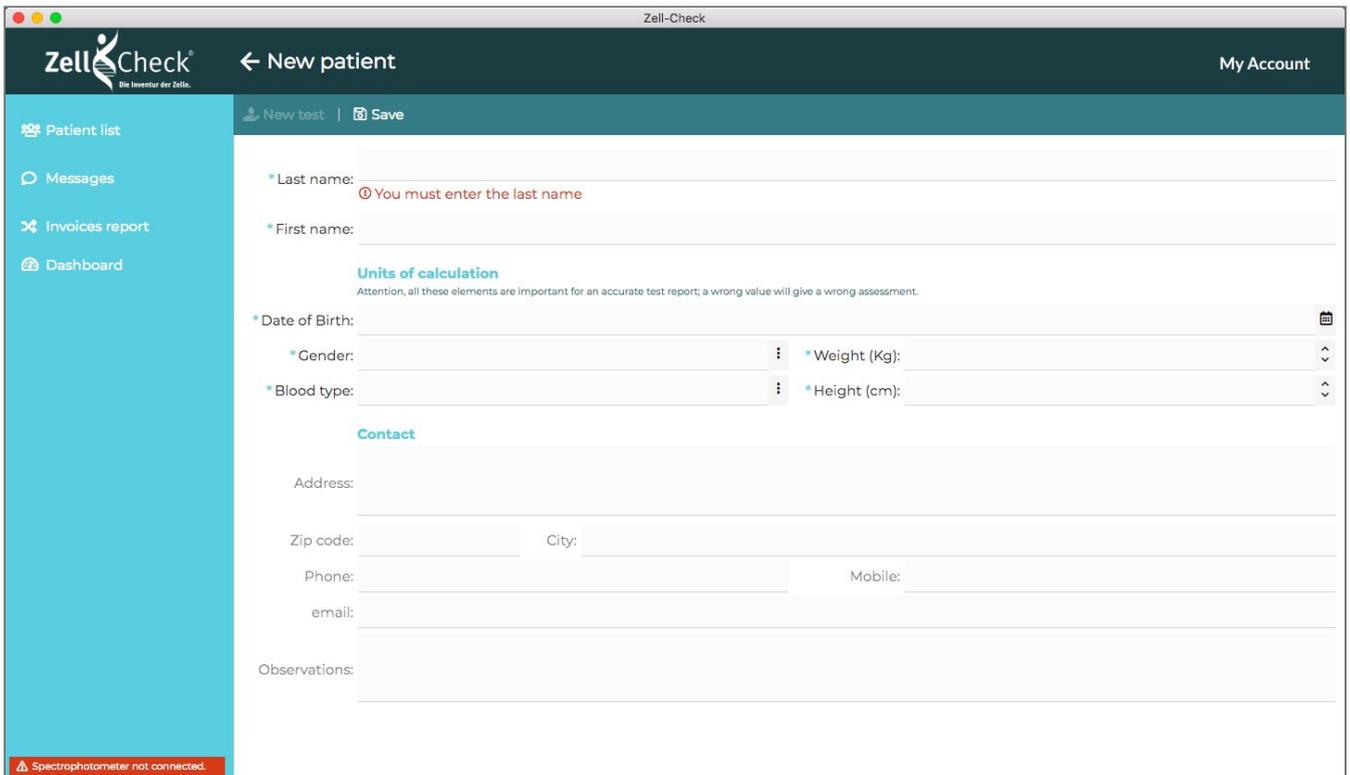
You have selected '**Hide the names**' .
 In this mode, the name of the patient is hidden and you must use the search area. Click the magnifying glass or press the 'Enter' key to search.
 You can type '@@@' to temporarily display the full list
 For now, there are no items to display.

Options Menu:

- Block Patient Name
- Export Excel

3.2 Patient card

When you create a new patient or you open its file, the following screen is displayed:

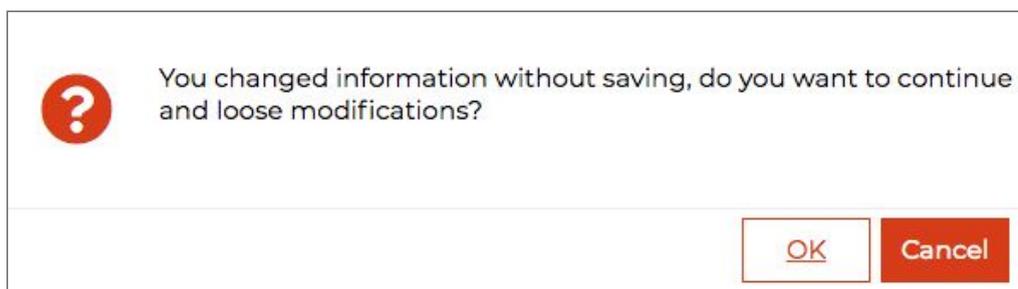


Enter or modify the information requested and click on the « [Save](#) » button.

Note: You can also use the 'Ctrl + S' key stroke combination. To pass from one heading to another, you can use the Tab key.

The list on the right of the card gives the list of assessments already carried out for this patient (only for existing patients).

A message will appear if you try to close this page by returning back or through a new record without saving changes.



If you want to keep the changes, click 'Cancel' and then save the page.

3.3 Perform a new test

To perform a new test (assessment), you must be on your patient's chart.

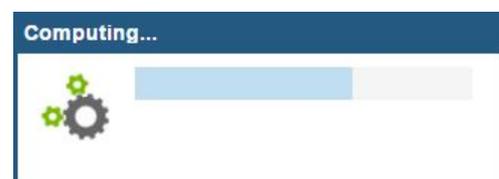
To perform this review, click on the button « [New Test](#) ».

Attention, make sure the spectrophotometer is properly connected because otherwise, the program will refuse to take stock (not make a new test).

The following screen appears and asks you to do the 4 steps required to balance. You can cancel this test at any time by clicking on the 'Cancel' button, you will not be charged for this test.



Once 4 measurements are made, the screen will close automatically. A new screen will display the time on servers Zell-Check-balance calculations (a few seconds).



3.4 Measurement Errors

In some cases, it is possible that a message to warn you that one or more measures are invalid. This can be due to several factors:

- You have not pressed enough on the skin of your patient with the spectrophotometer.
- Pressed by mistake 'in the air'.
- You have not done your test on skin.

In this case, perform your measurements again, you will not be charged for this test (balance sheet).



It's important to note that a ("good aid") internet connection always is to be verified. A lack of "flow" could cause a loss of data of analysis.

3.5 Rapid Evaluations / Vitalstoffcheck



Note: Only if your subscription includes monthly charges the option of 'flat rate'.

If available to your subscription, two testing options are available to you.

You may perform the 'Simplified test ([Vitalstoffcheck](#))' OR a 'Complete test ([Standard > MedCheck](#))'. Both option buttons are located above the list of tests/balances.

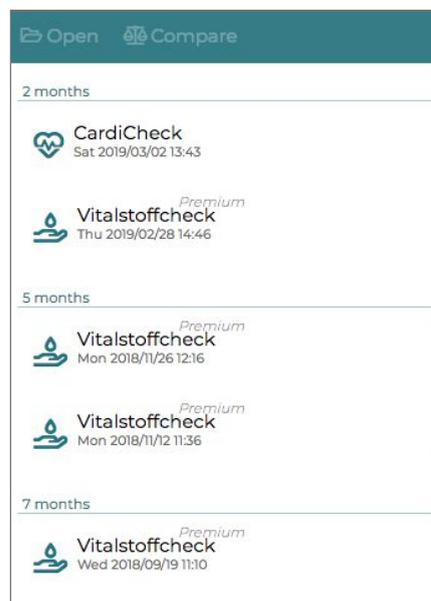
As a reminder, a simplified balance sheet allows you to quickly test a patient. This simplified balance sheet is free and included in your monthly assessment fee (optional).



For any information about the possibility of having the simplified balance sheets (assessments), to contact the sales department on: sales@zell-check.com

3.6 Review a Test

To review a test carried out previously, click the record you want in the list of assessments which is located to the right of your patient's chart.

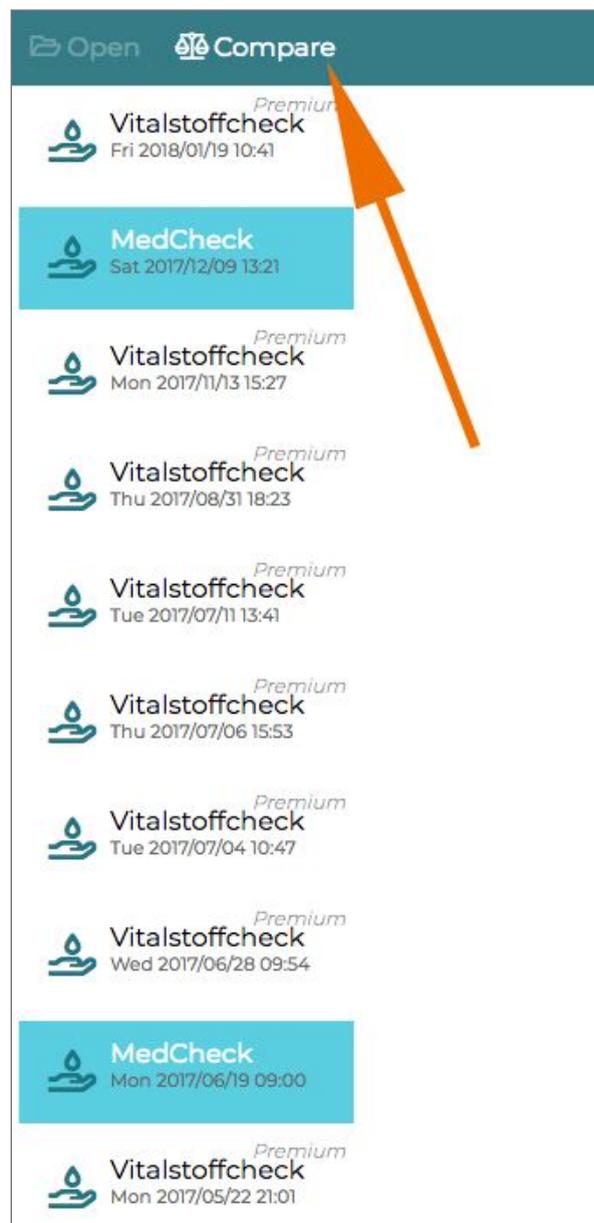


If you have the option « [Rapid Evaluations](#) » and you have ordered a comprehensive review based on the simplified balance sheet, then you will have the following screen.

3.7 Comparisons (possible only for “Med-Checks”)

It is possible to follow the evolution of the curves of several balance sheets by making a comparison of balances.

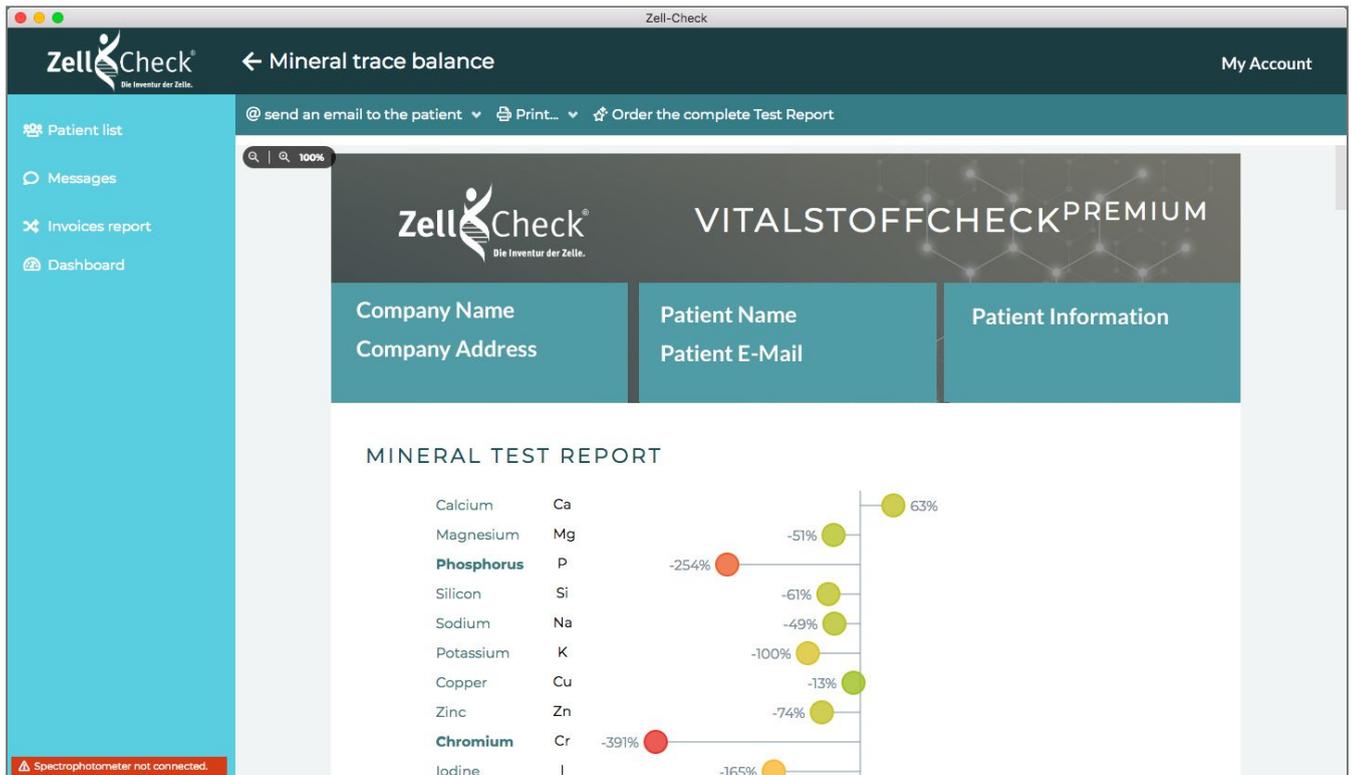
To do this, in the patient record, select two items to compare (by clicking on the small box to the left of the balance sheet), then click the 'Compare' button.



If you have opted for the system of rapid assessment, you will be able to compare only Med-Checks. Comparisons are not available for Vitalstoffchecks, yet.

4 Test Reports

Complete Test assessments are presented in the following form:



You can click on the lines of the minerals, heavy metals, ratios or interpretations for assistance concerning these elements. Example for Magnesium (Mg):

Magnesium (Mg)

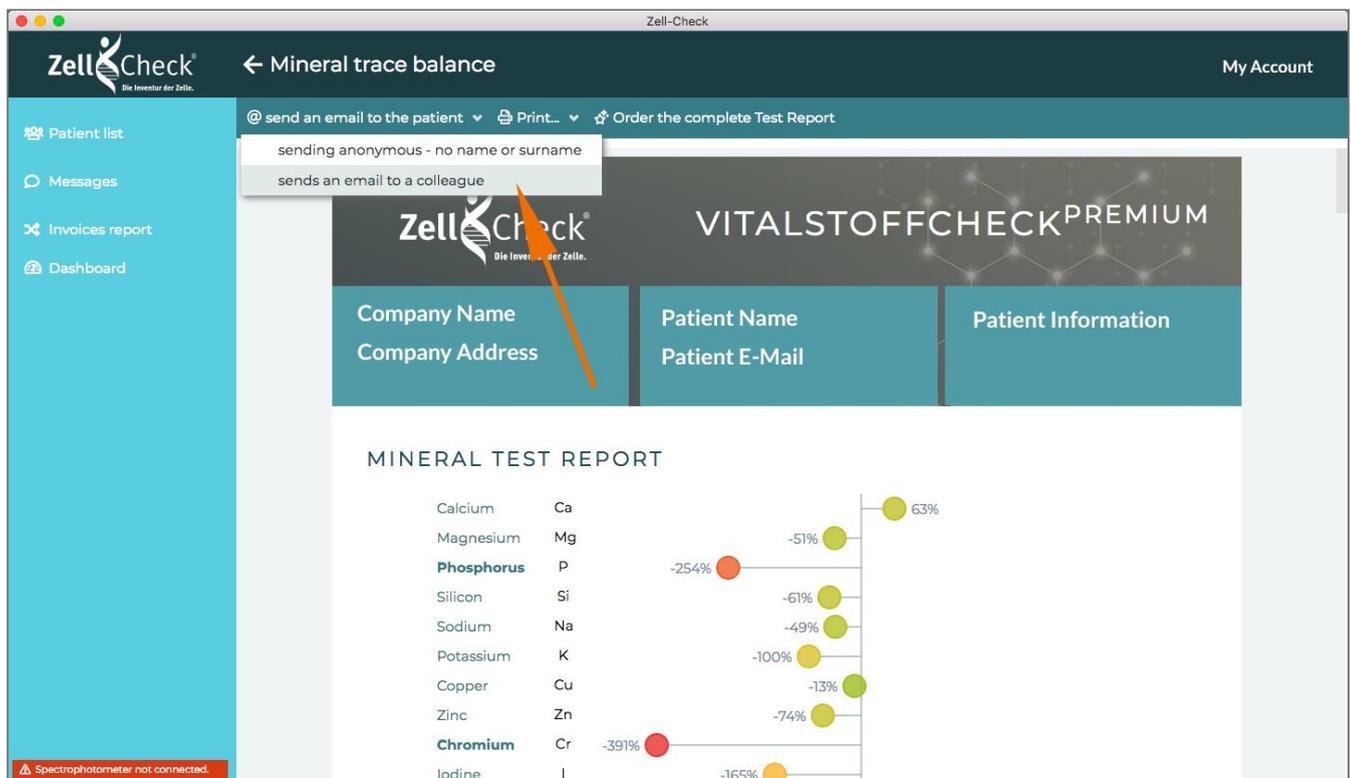
Functions

- Magnesium is the second intracellular cation and is involved in intracellular mineral balance with potassium. It is present in all cells, especially in the bones.
- Present in all our cells, it is involved in many biological functions because it is an activator of enzyme metabolism.
 - It activates the organic defence, boosts white blood cells and is involved in the enzyme catalysis of digestion and the metabolism of vitamins, such as vitamin C.
 - It is involved in energy production and the balance of neurotransmitters in the brain.
 - It operates at several levels in the immune mechanisms, inflammatory reactions and allergies.

Sources

The main sources of magnesium are nuts, whole grains, sprouts, legumes, soybeans, cocoa, meat and vegetables.

You can send the balance to your patient by clicking the 'send an email to the patient' button or save it as PDF on your computer or memory stick by clicking on the 'Print' button.



MINERAL TEST REPORT

Mineral	Symbol	Percentage
Calcium	Ca	63%
Magnesium	Mg	-51%
Phosphorus	P	-25.4%
Silicon	Si	-61%
Sodium	Na	-49%
Potassium	K	-100%
Copper	Cu	-13%
Zinc	Zn	-74%
Chromium	Cr	-391%
Iodine	I	-165%

Note: Assessments received by email by your patients do not have the interpretation, 3rd page, this is by design and reserved only for the healthcare practitioner.

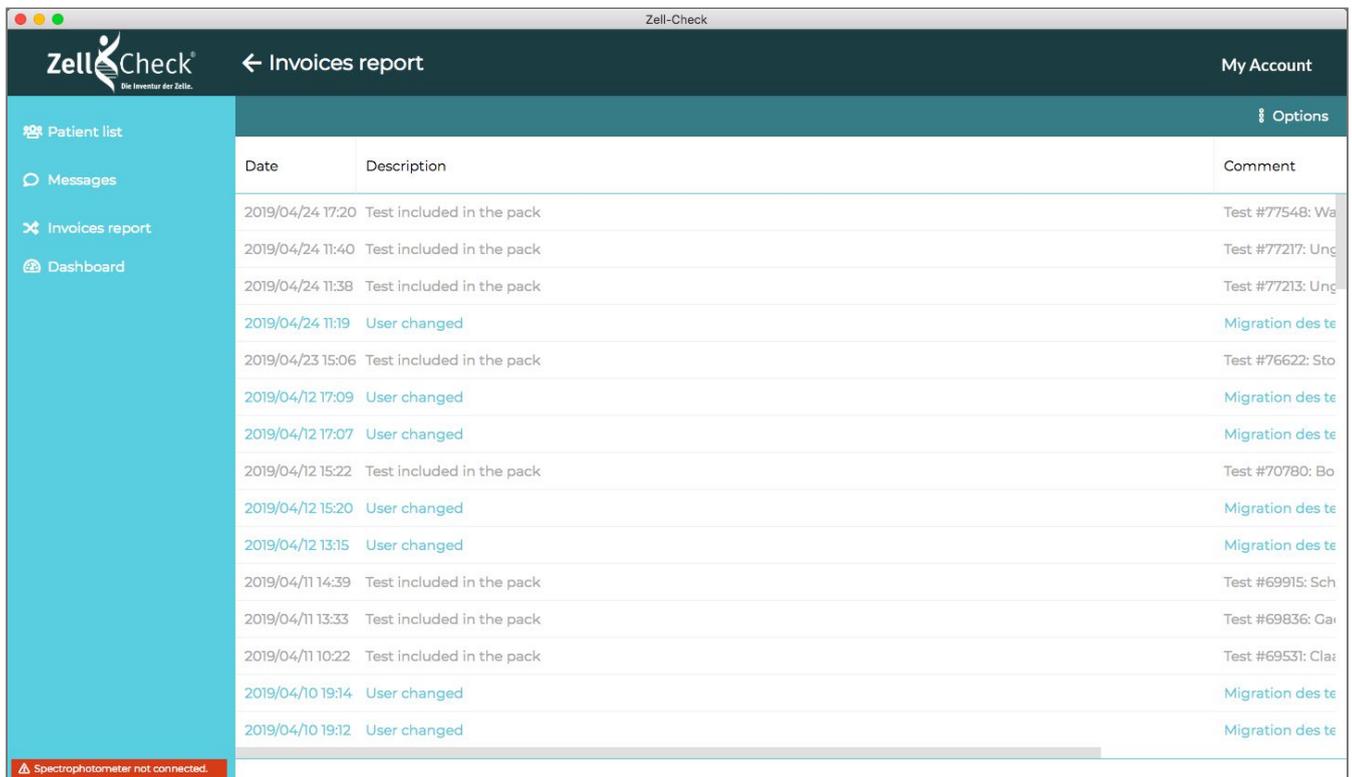
To the right of the button 'send an email to the patient' is a small arrow that offers several additional options for sending the test report as follows:

- email « [sending anonymous - no name or surname](#) »
The system sends the test without the name detail of your patient
- email practitioner « [sends an email to a colleague](#) »
In this case the system will ask you the email of the person to whom you want to send this report. The sent report will be identical to the one you did if you had clicked on 'Version PDF' and include the interpretation.

5 Details of activities

You can at any time review the details of your activities by choosing the « [Invoices report](#) » menu.

This will open a page with the details of all the actions that were performed on your account (changed options, made balance...).



Date	Description	Comment
2019/04/24 17:20	Test included in the pack	Test #77548: Wa
2019/04/24 11:40	Test included in the pack	Test #77217: Ung
2019/04/24 11:38	Test included in the pack	Test #77213: Ung
2019/04/24 11:19	User changed	Migration des te
2019/04/23 15:06	Test included in the pack	Test #76622: Sto
2019/04/12 17:09	User changed	Migration des te
2019/04/12 17:07	User changed	Migration des te
2019/04/12 15:22	Test included in the pack	Test #70780: Bo
2019/04/12 15:20	User changed	Migration des te
2019/04/12 13:15	User changed	Migration des te
2019/04/11 14:39	Test included in the pack	Test #69915: Sch
2019/04/11 13:33	Test included in the pack	Test #69836: Ga
2019/04/11 10:22	Test included in the pack	Test #69531: Cla
2019/04/10 19:14	User changed	Migration des te
2019/04/10 19:12	User changed	Migration des te

6 Your account

By clicking on your account name on the top right you can choose the « [Account / Preferences](#) » menu. This allows you to change your account information:

- Account Information
- Contact Information
- Login Information
- Preferences
- Billing Address

Areas with a blue red star are mandatory fields.

You can enter the password you want. For a random automatic generation of password click the button to the right of the box.

Note: Do not forget your responsibility for the security of your login name and password to access your data: Avoid using a password that you use elsewhere (such as your email for example) and avoid a password too short or too simple (e.g. 123).

You can modify some preferences language or units of measurement.

Note: Preferences take effect upon their registration. So that the display language is taken into account, you will need to restart the program.

7 New Version advantages & Additional navigation tips

7.1 Lists

It is possible to sort the lists by clicking on the title of the column you want to sort. Example of sorted on the column 'Date of Birth' list of patients:

First name	Consultation	Date of Birth (YYYY/MM/DD) ↓	<u>Gender</u>
Dorothea		1932/07/16	♀
Wolfgang		1934/02/09	♂
Manfred		1934/07/12	♂
Renate		1934/08/04	♀

An arrow indicating the direction of the sort will appear. To sort in reverse order, click the column heading again.

You can change the size of the columns by clicking on the line of separation of columns and moving the mouse. To select one or more items in a list, you can click on the small box on the left of the desired line.

Entry fields



Mandatory input fields have a small blue star * to the left, these must be filled in properly.

Dates

In areas of date, it is possible to quickly enter a date by omitting the bars of separation and the vintage of the year like this (caution, double check after that the date of birth is correct):

*Date of Birth: 010870| 

Which should automatically convert and provide the complete & needed entry:

*Date of Birth: 1970/08/01

Of course, you can use the calendar button to achieve the same result.

*Date of Birth: 1970/08/01 

*Gender: Weight (Kg):

*Blood type: Height (cm):

Address:

Zip code:

Phone: Mobile:

email:

Observations:

AUGUST 1970

M	T	W	T	F	S	S
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

Today

About English units of measurement “pound or feet”

In your preferences (see '[Account](#)'), you can opt for a display of the weight in pounds instead of kilograms and size in feet instead of meters.

Preferences

Units: kilograms and meters 

- kilograms and meters
- pounds and feet

Any abusive comment or advertising will lead to the final removal of the directory.

The pounds and feet can be entered like this:

* Weight (lb):	216.1
* Height (ft-in):	5'9"

Or for quicker height entry just use the less '-' sign between the feet and inches entry:

* Weight (lb):	216.1
* Height (ft-in):	5-9

Note: Weight only allow to enter only 1 decimal or simply enter nearest whole number.

After all modifications click on 'Save'. The new settings will apply after logging out and logging in again.



Zell-Check®

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