

excellencis

www.excellencis.org

ONLINE SELF-EVALUATION &
SELF-TRAINING METHOD
FOR DOCTORS, MEDICAL STUDENTS AND INTERNS

... in a few words

is an an original and rewarding platform of self-training and self-evaluation which allows :

- The development of online training modules
- Saving data that has been less well assimilated thanks to the function *"My folder"*
- Asking a question or making a suggestion about the online contents via the *"Suggestion"* function

But also:

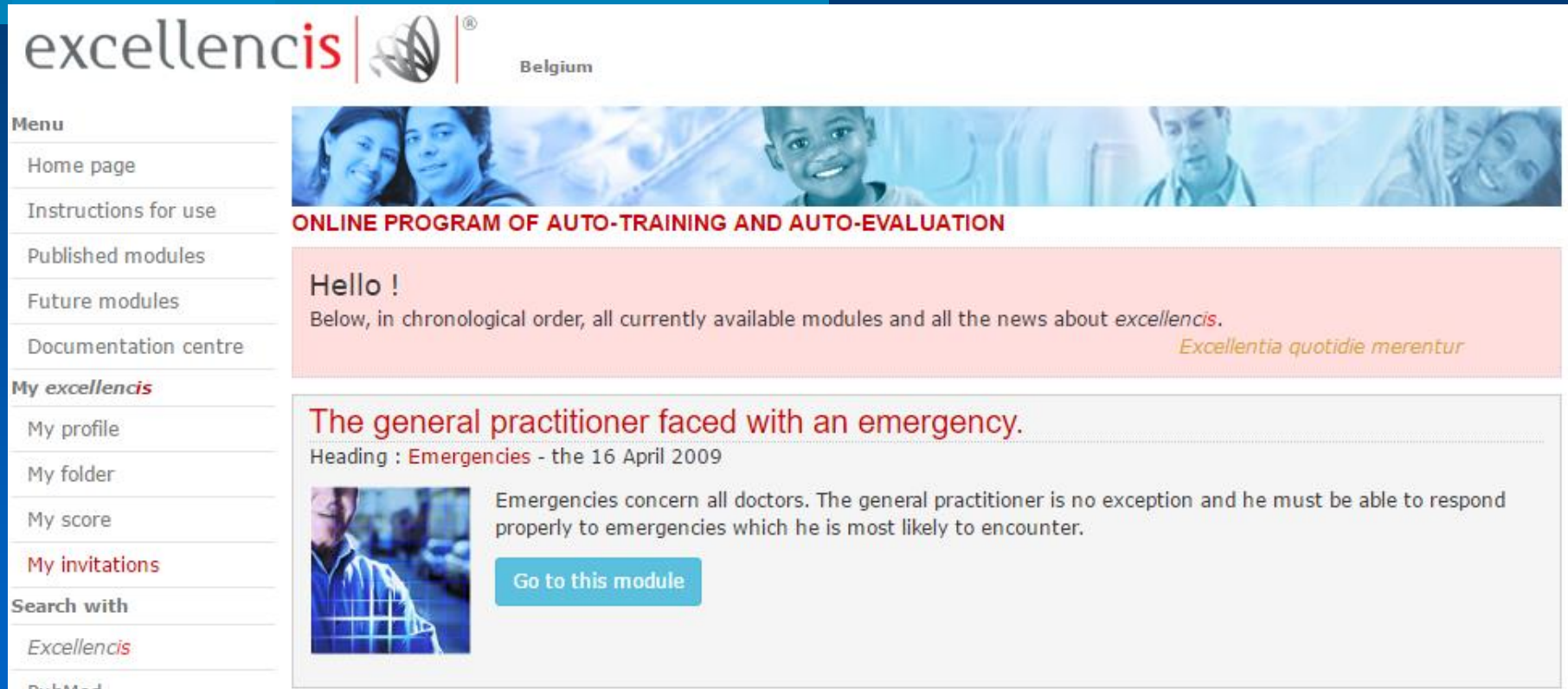
- Make an evaluation of knowledge acquired before or after a class session thanks to a "survey" function, thus permitting a better preparation or adaptation of this material
- Place veritable "e-cursus" on the site, able to be completed by a question/answer module or an online "survey"
- A simplified administrator menu
- A sophisticated scoring system provides a snapshot of one's personal knowledge as compared to that of one's colleagues ("benchmarking")

Without forgetting:


- *excellencis* is a reliable, interactive and ludic tool, used by over 20,000 doctors in some twenty countries
- *excellencis* is also a library containing over 250 training modules, dealing with all the major domains of medicine
- *excellencis* is accredited by the Belgian Ministry of Health (RIZIV/INAMI) as well as being "W.H.O." and "HONcode" endorsed

Site Homepage

Blog arrangement featuring the site's various functions and introduction to the modules placed online.



The screenshot shows the homepage of the 'excellencis' website. The header features the 'excellencis' logo in red and black, a globe icon, and 'Belgium' text. A blue banner image shows a group of diverse people. Below the banner, the text 'ONLINE PROGRAM OF AUTO-TRAINING AND AUTO-EVALUATION' is displayed in red. A pink box contains a 'Hello !' message and a description of the program. A grey box features a featured article titled 'The general practitioner faced with an emergency.' with a heading 'Emergencies - the 16 April 2009', a small image of a doctor, and a 'Go to this module' button. A left sidebar contains a 'Menu' with links like 'Home page', 'Instructions for use', and 'Published modules', followed by 'My excellencis' links like 'My profile' and 'My folder', and a 'Search with' section listing 'Excellencis' and 'PubMed'.

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Menu

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My excellencis

- My profile
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Search with

- Excellencis
- PubMed

ONLINE PROGRAM OF AUTO-TRAINING AND AUTO-EVALUATION

Hello !
Below, in chronological order, all currently available modules and all the news about *excellencis*.
Excellentia quotidie merentur

The general practitioner faced with an emergency.
Heading : **Emergencies** - the 16 April 2009

 Emergencies concern all doctors. The general practitioner is no exception and he must be able to respond properly to emergencies which he is most likely to encounter.

[Go to this module](#)

Create and send your newsletters fast and easy!

What do you want to announce ?

- ☐ A module This will add an entry in the blog, with a link to open the module you will select.
- ☐ A news This will add an entry in the blog, with the text you will enter.

Continue

Cancel

1. EDIT CONTENT

2. TEST

3. READY ?

SCORES

ADVANCED

Title and content

Sending by emails

Preview/publish

Modifications saved

Medical Colleges - Cardiology

Heading : Other topics - Not yet sent ... [ | SEND TEST | SEND FOR REAL | COPY | ]




Medical Colleges of Cardiology. Report of activities about interventional cardiology (2008 and 2009), STEMI (survey including 6494 STEMI patients performed between July 2007 and December 2009) and cardiosurgery (2009).

Go to this module



Introduction page to a module listing its one or more authors, its references and keywords.

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**ONLINE PROGRAM OF AUTO-TRAINING AND AUTO-EVALUATION**



The general practitioner faced with an emergency

Emergencies concern all doctors. The general practitioner is no exception and he must be able to respond properly to emergencies which he is most likely to encounter.

 This module has been written and validated by Dr Magda Polikipis, Dr Benoît Claessens, Professor Pierre Mols, Casualty Department, C.H.U. Saint-Pierre, Brussels.

You may get a printable version of this module, but you first need to answer it once.

>> List of references <<

>> List of key words <<




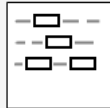

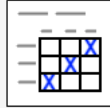
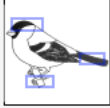
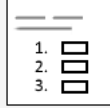
Begin this module

Eight different types of questions available in both e-learning and e-survey mode.


Choose the content of this new page :

E-Learning (with score) Survey (without score) Text (no question)

Add a question with score : user must choose the correct answer.

<input type="radio"/> 	Multiple choices Only one answer can be selected.	<input type="radio"/> 	Multiple answers User selects True/False for each choice.
<input type="radio"/> 	Open question User enters his answer in a text box.	<input type="radio"/> 	Fill in the blanks User fills in blanks in a text.
<input type="radio"/> 	Questions matching User must pair items in first column with items in the second column.	<input type="radio"/> 	Question table User must answer a set of question that always have the same possible choices.
<input type="radio"/> 	Identify target zones on a picture User must indicate the correct answer(s) on the picture displayed.	<input type="radio"/> 	Ordering User must put the items displayed in the correct order.

Other :

☐ 

Copy
Copy existing page/question from another module.

Continue **Cancel**

The possibility to import a presentation.

Choose the content of this new page :

E-Learning (with score)

Survey (without score)

Text (no question)

Add a page of text (without question).



Page with text



Shows a simple page of text.



Import presentation

Import slides from a PDF or PowerPoint (Ms Office, OpenOffice or LibreOffice) file.

Presentation of a question with choice of answers and of certainty level.



Belgium

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ONLINE PROGRAM OF AUTO-TRAINING AND AUTO-EVALUATION

The general practitioner faced with an emergency

2
/5

On duty for your area, you are called out by parents panic-stricken about their daughter aged 18 who has drunk half a bottle of wine and taken meprobamate which was knocking about the family pharmacy (15 tablets). She is drowsy, hypotonic.

A) You don't waste time and call 999 straight away.

B) You have an initial look which is reassuring (the patient can open her eyes when spoken to) and call a regular ambulance so as not to bother the mobile emergency unit.

C) You have a reassuring initial look (parameters are correct) and leave her to be monitored at home by the parents.


D) You have a reassuring initial look, place her on her side for safety and call a mobile emergency unit.

☐

☐

☐

☐



Select the answer of your choice by clicking on one of the boxes

I don't know

Level of certainty

Not at all sure ☐

More or less sure ☐



Sure ☐

Completely sure ☐

Validate

Time : 00:00:32

Commentary on the question with explanation of the correct answer.

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ONLINE PROGRAM OF AUTO-TRAINING AND AUTO-EVALUATION

The general practitioner faced with an emergency

2
/5

Calling 999 is logical but, as a doctor, you can do more !

The initial assessment is still an ABCDE :

A = **Airway**, clear the airways

B = **Breathing** : respiratory rate. She is breathing : place her on her side for safety and administer oxygen if possible ; useful to call an ambulance car at the same time as the mobile emergency unit.

Ask for a mobile emergency unit and not just an ambulance car! This patient will certainly be admitted to the ICU for observation and there is no reason to exclude a medical presence between you and the ICU. The mobile emergency unit doctor is there to be disturbed. He is a colleague who will back you up with additional equipment.

C = **Circulation** take BP, pulse. The ambulance car can provide you with the infusion.

D = neurological **Disability**. Here : drowsiness, hypotonic (GCS, Glasgow Coma Scale, 10/15).

E = **Environment** : look for info. You are looking for products that have been ingested, try to estimate the ingested dose, evaluate ingestion time.

Contact the Antipoisons Centre* (070 245.245) who can give you practical information, particularly about the composition of products and antidotes.

Generally :

- the symptoms : drowsiness, ataxia, hypotonia, coma (hypertonia), mydriasis, respiratory depression, hypothermia, vasomotor paralysis, myocardial depression. Add the side effects of alcohol.
- the treatment : conservative : respiratory assistance, filling, vasopressive amines, inotropic agents, cardio-respiratory monitoring. You should wait for the mobile emergency unit without leaving your patient !



Reference

2. Villa A, Baud F, Megarbane B. et al. *Urgences circonstanciées. Intoxications aiguës les plus fréquentes*. Encyclopédie Médico-Chirurgicale, Elsevier - Masson 2007; 25-030-A-10.

Score for this question : 4.0 /4
Current total score : 4.0 /8

Look at the question again

Next question



Time : 00:01:41

excellencis 2017

11

The commentary may include one or more clickable references.

The general practitioner faced with an emergency

3
/5

Stroke is common : +/- 20,000 cases/year in Belgium.

The GP must educate his patient to recognise situations where he must act "**FAST**". This acronym refers to :

- **F** for facial weakness (Face)
- **A** for arm weakness (Arm)
- **S** for speech problems (Speech)
- **T** for time (Time, less than 3 h).

In these situations, he should alert his family doctor and 999. Treatment by a mobile emergency unit helps to speed up hospital treatment and emergency treatment.

This is a disease for which **thrombolytic treatment** is possible in about **3% of cases**.

The conditions are as follows :

(1) early treatment within 3 hours.

To measure the size of the stroke, an NIH score is calculated.

Thrombolysis is considered for scores ranging from 4 to 25 (moderate severity).

(2) a stroke can be neither too light nor too severe.

(3) if there is no contraindication to thrombolysis.

In practice, if these conditions are not observed, a cranial scan must be performed as a priority, to rule out cerebral haemorrhage.

At the same time, a very small blood sample is taken, the neurologist and intensive care doctor are warned of the indication of thrombolysis (no haemorrhage on the scan) and the patient is sent directly to intensive care.

He can then be given 300 mg of acetylsalicylic acid.

Alteplase (Actilyse®) is started at 0.9 mg/kg (total max. dose: 90 mg) before 3 hours have passed since onset of the first symptom.

Reference

3. Adams HP Jr, del Zoppo G, Alberts MJ. et al.; American Heart Association/American Stroke Association Stroke Council; American Heart Association/American Stroke Association Clinical Cardiology Council. et al. *Guidelines for the early management of adults with ischemic stroke: a guideline from the American Heart Association/American Stroke Association Stroke Council, Clinical Cardiology Council, Cardiovascular Radiology and Intervention Council, and the Atherosclerotic Peripheral Vascular Disease and Qual.* Circulation 2007; **115(20)**: e478-534.

Score for this question : 0.0 /4
Current total score : 4.0 /12

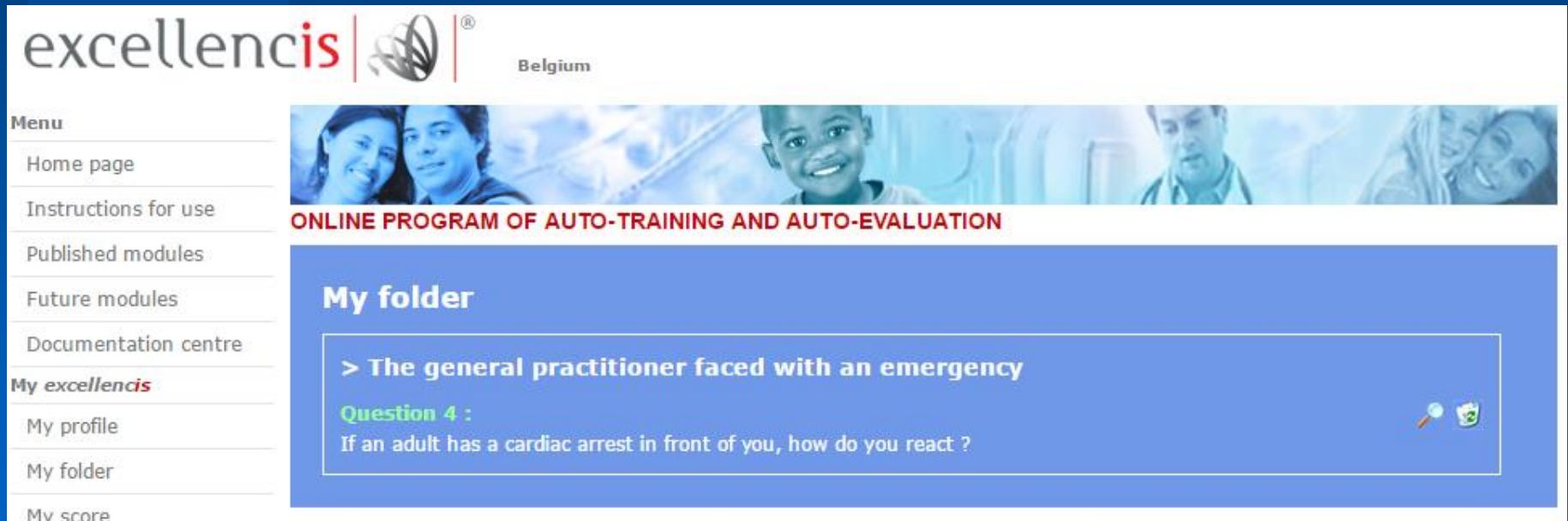
Look at the question again

Next question




Time : 00:04:18

«My folder» function
allows the learner to save questions
and commentaries that he/she would like to review.



The screenshot displays the 'excellencis' website interface. At the top left is the 'excellencis' logo with a stylized globe icon and the word 'Belgium' to its right. Below the logo is a 'Menu' section with links: 'Home page', 'Instructions for use', 'Published modules', 'Future modules', and 'Documentation centre'. To the right of the menu is a banner image featuring a collage of people's faces. Below the banner is the text 'ONLINE PROGRAM OF AUTO-TRAINING AND AUTO-EVALUATION'. The main content area is titled 'My folder' and contains a section for 'The general practitioner faced with an emergency'. Under this section, 'Question 4' is listed with the text 'If an adult has a cardiac arrest in front of you, how do you react ?'. To the right of the question is a small icon of a magnifying glass over a document.

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ONLINE PROGRAM OF AUTO-TRAINING AND AUTO-EVALUATION

My folder


> The general practitioner faced with an emergency

Question 4 :

If an adult has a cardiac arrest in front of you, how do you react ? 

«**Suggestion**» function allows the instantaneous sending of any remark or question to the site administrator.

The screenshot displays the 'excellencis' website interface. The header includes the logo and 'Belgium'. A left sidebar contains a 'Menu' with links like 'Home page', 'Instructions for use', and 'My excellencis'. The main content area features a banner for an 'ONLINE PROGRAM OF AUTO-TRAINING AND AUTO-EVALUATION' and a lesson titled 'The general practitioner faced with an emergency'. A modal box titled 'Suggestion:' is open, containing a text input field with the text 'The information in the commentary is up to date and accurate.' and buttons for 'SEND' and 'Close'. The bottom of the page shows a 'Score for Current' section and a timer at '00:07:06'.

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ONLINE PROGRAM OF AUTO-TRAINING AND AUTO-EVALUATION

The general practitioner faced with an emergency

4 / 5

Doing nothing is the worst thing to do. Calling 999 is the first thing to do unless it is a child or a drowning. In these cases, give respiratory assistance and massage for a minute before calling 999.

A victim is declared apparently dead if they are unconscious and not breathing normally (no respiration, or very superficial and infrequent, or GASP). Bystanders who are not professionals should not take the pulse; it leads to countless mistakes.

The sequence of 30 compressions at a rate of 100/min and two gentle attempts at insufflation of 1 s can be used to ensure that the heart is massaged for 80% of the resuscitation time. Paediatricians still recommend a sequence of ... recommendations are the same for ... centre of the chest. Use two hands,

Suggestion:



The information in the commentary is up to date and accurate.

Score for Current

Time : 00:07:06


SEND Close

Resuscitation Council. European support and use of automated

Create a « **Learning Path** » combining different modules.
Set up a minimum score for each one and provide a
certificate of achievement.



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SELF-EVALUATION AND SELF-TRAINING METHOD FOR HEALTH PROFESSIONALS

Learning Paths

[+ Create](#)

ID	Title	
8	Learning Path 2015	Edit
10	Learning Path 2016	Edit
13	Learning Path 2017	Edit

Description

Learning path 2016


You have not yet completed this learning path. Click on an activity to start it.

Activities

Title	Min score	Your best score	
Module 1	32 / 40	19.0 / 40	▶ Restart
Module 2	32 / 40	40.0 / 40	▶ Restart
Module 3	32 / 40	38.0 / 40	▶ Restart
Module 4	32 / 40	40.0 / 40	▶ Restart

«Scoring» function: at the end of each module, the respondent can evaluate his/her knowledge globally as well as question by question in relation to other respondents (benchmarking).

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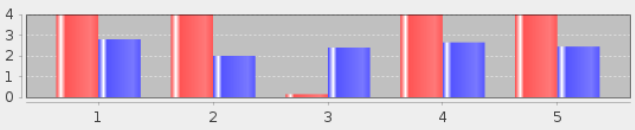
SUMSearch

MedHunt



ONLINE PROGRAM OF AUTO-TRAINING AND AUTO-EVALUATION


The general practitioner faced with an emergency : Your results



Question	Your score	Average score
1	4	3
2	4	2
3	0	3
4	4	3
5	4	3

■ Your score : 16.0/20

■ Average score : 12.3/20



Move your mouse over the graphics to look at the question titles.

TODO

Returning home after a pleasant evening out you come upon the scene of an accident with your wife, who is a nurse. The situation is disastrous: a car against a tree. The collision was severe. A baby in a car seat in the back of the car is crying. A woman is lying on the ground (thrown out), immobile and the driver lying against the steering wheel is unconscious with laboured respiration. What do you do first ?

Correct answer !

	You	Expected
A) I ask my wife to take care of the baby, to take it out of the car seat and I resuscitate the women who has cardio-respiratory failure. I ask a bystander to deal with the driver. I call for assistance.	<input type="radio"/>	<input type="radio"/>
B) I tell my wife to take care of the baby, to leave it in its car seat, I do not deal with the cardiac arrest and look after the driver.	<input type="radio"/>	<input type="radio"/>
C) I go around taking an initial look, call 999 and deal with the baby, then the driver and finally the women with cardiac arrest.	<input type="radio"/>	<input type="radio"/>
D) I ensure I am safe, I assess what has happened, I call for assistance. I see who is most in need of treatment. Not easy : my wife takes care of the child, I deal with the driver first.	<input checked="" type="radio"/>	<input checked="" type="radio"/>
E) I call 999 and outline what has happened. I stop people from doing anything to make matters worse and leave the baby in its car seat to my wife.	<input type="radio"/>	<input type="radio"/>

Follow your newsletter's statistics in great detail.

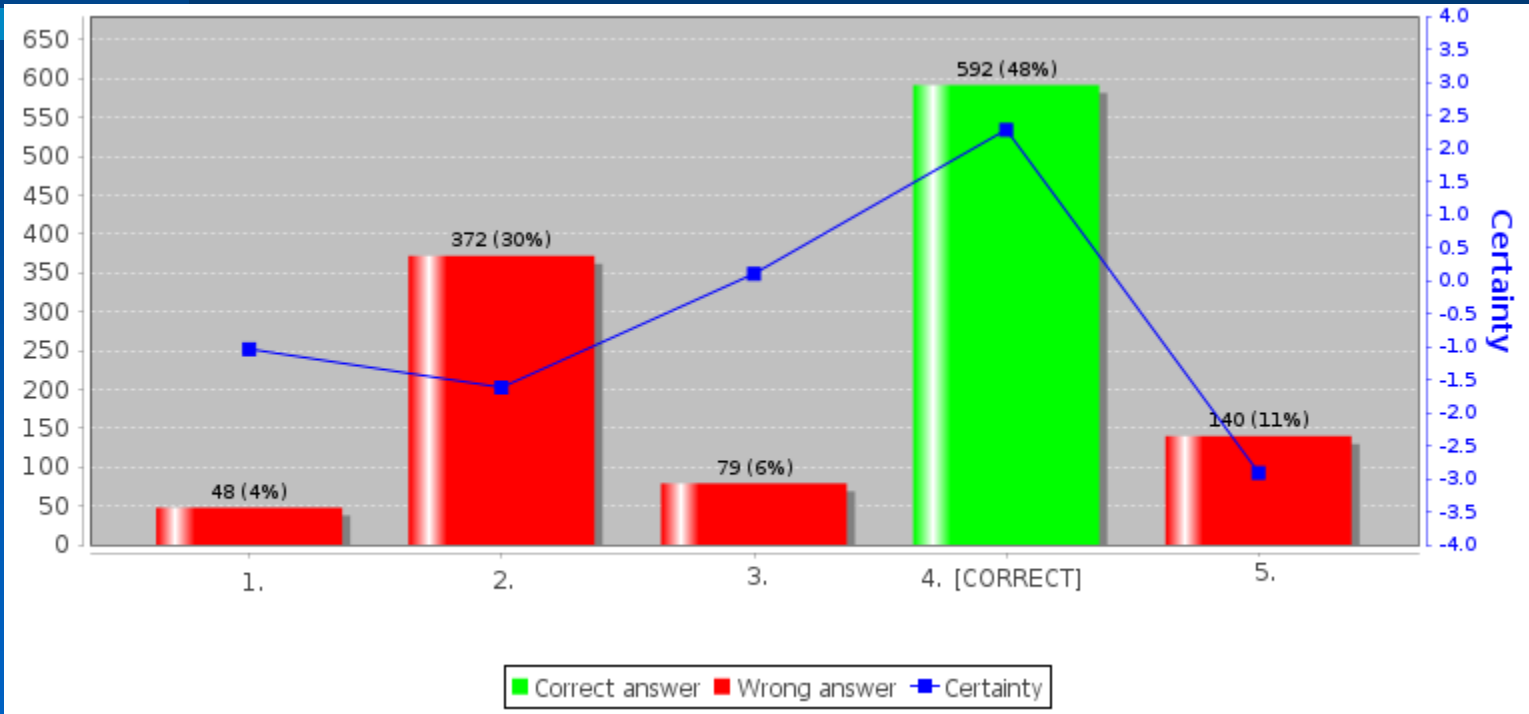
Newsletters sent							
Date	List	Subject	Mails sent	Views	Clicks	Unique Views	Unique Clicks
16-10-2012	Excellencis	Newsletter 1	2710	1253	264	684	151
17-10-2012	Excellencis	Newsletter 2	3108	1241	269	613	167
18-10-2012	Excellencis	Newsletter 3	97	62	22	34	13
19-10-2012	Excellencis	Newsletter 4	631	414	100	225	74

Statistics				
	Newsletter 1	Newsletter 2	Newsletter 3	Newsletter 4
Score ⓘ	27.2 / 40	27.1 / 40	21.6 / 40	22.2 / 40
Runs ⓘ	734	762	12	64
Unique users ⓘ	324	371	10	50
Runs 100% completed ⓘ	559	626	9	40
Users 100% completed ⓘ	281	339	8	36
Runs not completed ⓘ	175	136	3	24

Statistiques générées le : 25-01-2017

Download PDF

Get a detailed graphic representation for each question of the module...



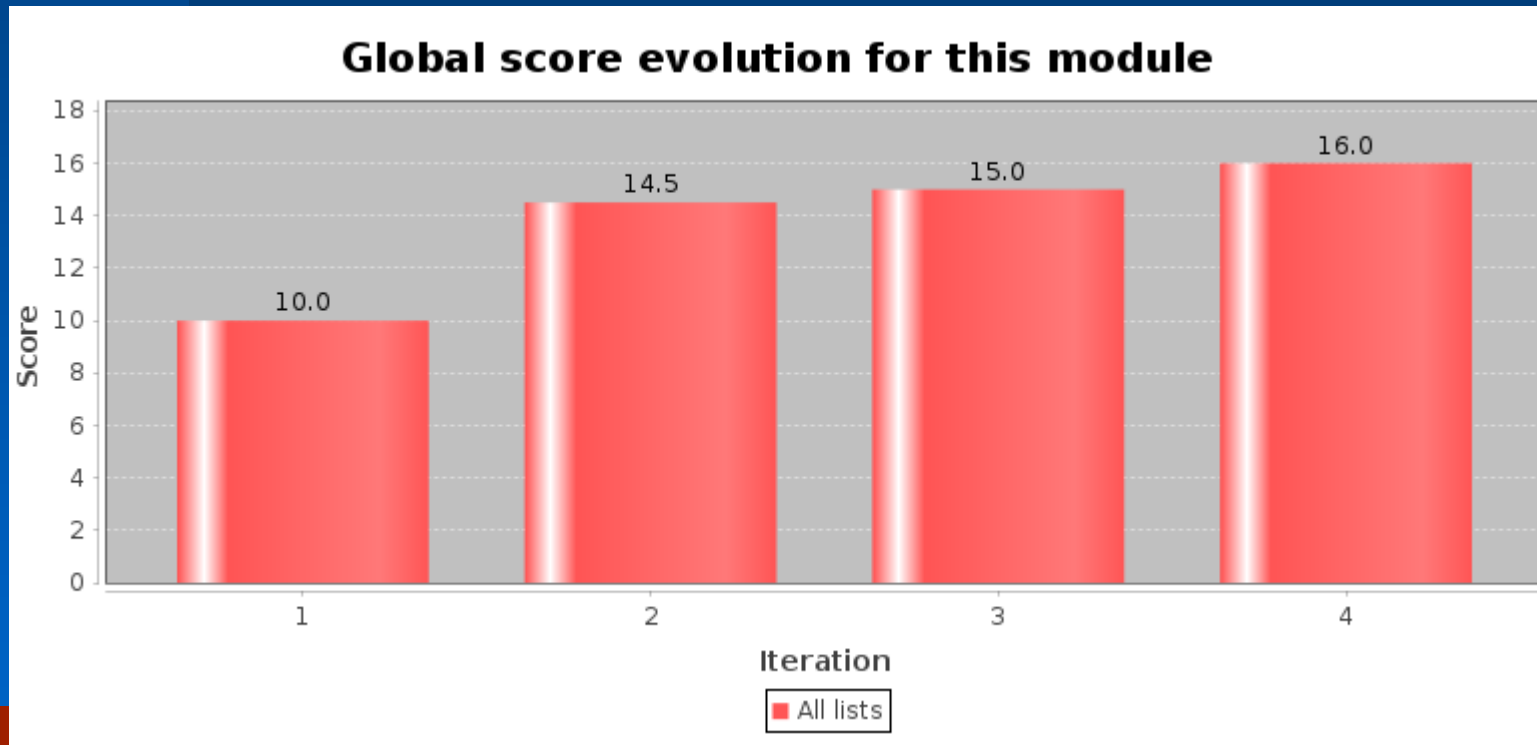
...or export all the answers in excel.

Antibiotica > Scores by runs

= Correct answer = Wrong answer [[Download as excel file](#)]

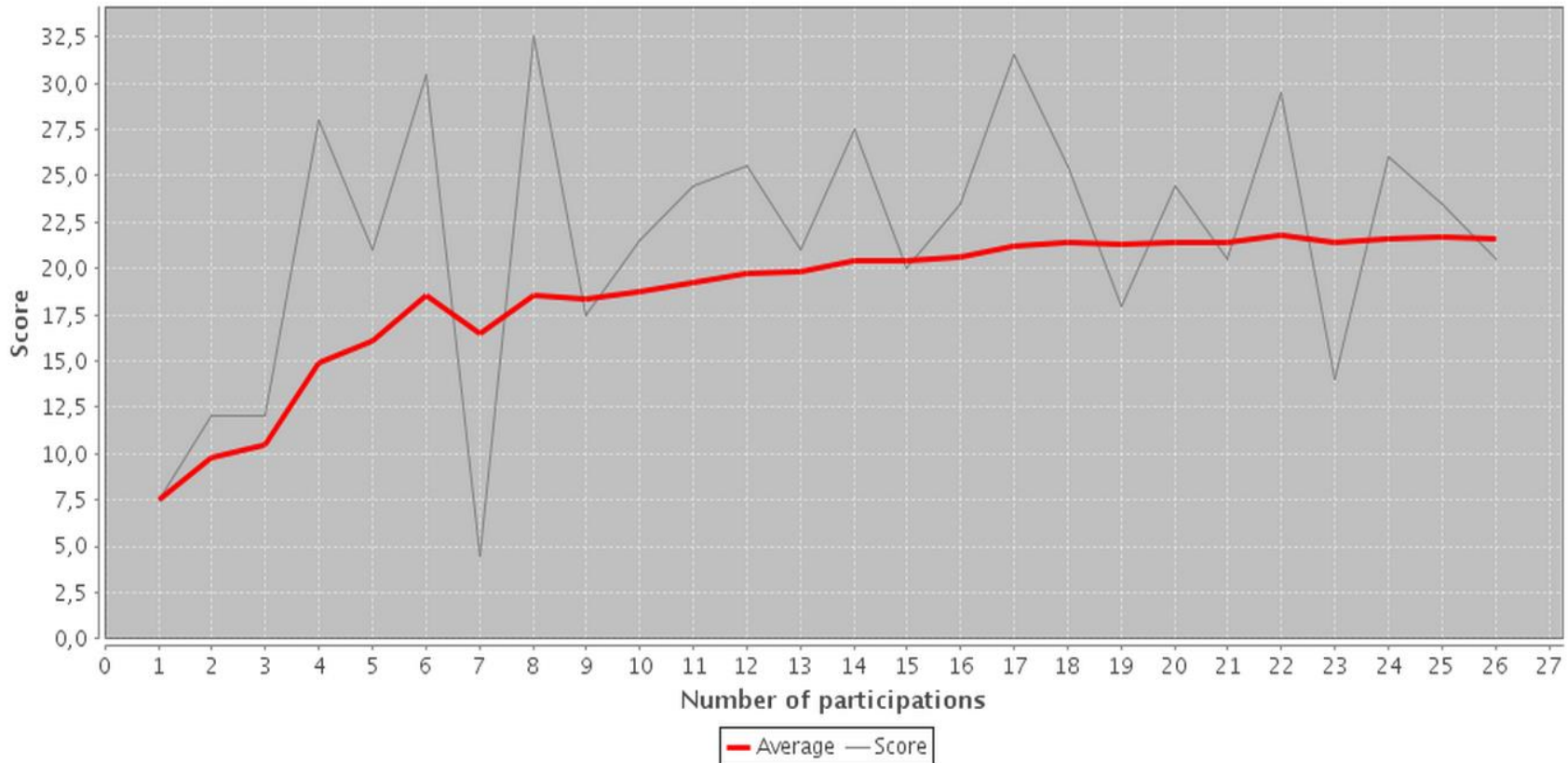
Date	List	Time		Score		Question 1		A.	B.	C.	D.
		Activity	Total	Score	Survey	correct	score				
2017-01-25 11:40:49.0	Excellencis	1803	1858	28.3	0.0	YES	3.0				X
2017-01-25 09:06:26.0	Excellencis	1098	1176	18.1	0.0	NO	1.5		X		
2017-01-24 13:28:16.0	Excellencis	1803	2139	24.3	0.0	NO	1.0				
2017-01-17 19:58:34.0	Excellencis	1505	1505	21.6	0.0	YES	4.0				X
2017-01-14 21:56:30.0	Excellencis	1432	1725	36.0	0.0	YES	4.0				X
2017-01-14 21:36:23.0	Excellencis	611	685	6.4	0.0	NO	1.0				
2017-01-08 22:47:04.0	Excellencis	106	106	38.6	0.0	YES	4.0				X
2017-01-08 22:42:45.0	Excellencis	229	229	14.7	0.0	NO	1.5		X		
2017-01-05 07:55:46.0	Excellencis	96	96	40.0	0.0	YES	4.0				X
2017-01-05 07:31:43.0	Excellencis	1095	1418	37.9	0.0	YES	4.0				X
2017-01-05 07:20:19.0	Excellencis	623	623	22.3	0.0	YES	2.5				X
2017-01-01 15:53:59.0	Excellencis	1209	4212	37.5	0.0	YES	4.0				X

Evolution in global scoring by repetition
(meaning each time that the module is answered anew,
the score of the participant improves)



Evolutions in scoring in terms of the number of participations

Score evolution (click on red line for details)



And...

- *excellencis* is SCORM compliant, allowing you to publish your existing SCORM modules
- Coming soon, *excellencis* will also be available as a mobile application. It will permit offline use by downloading content



Thanks for your attention!

The excellencis team