MammoCoach

How it works

Register

Sign up for an account at MammoCoach.com
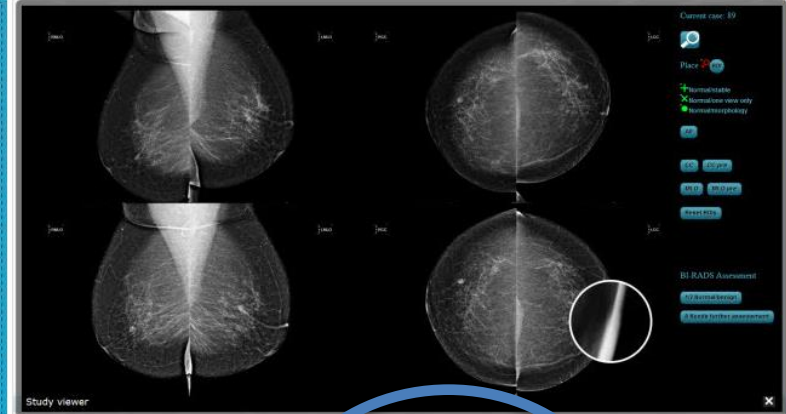
Register

Please enter your email (for verification), password and select your experience level (how many mammograms do you read per year)
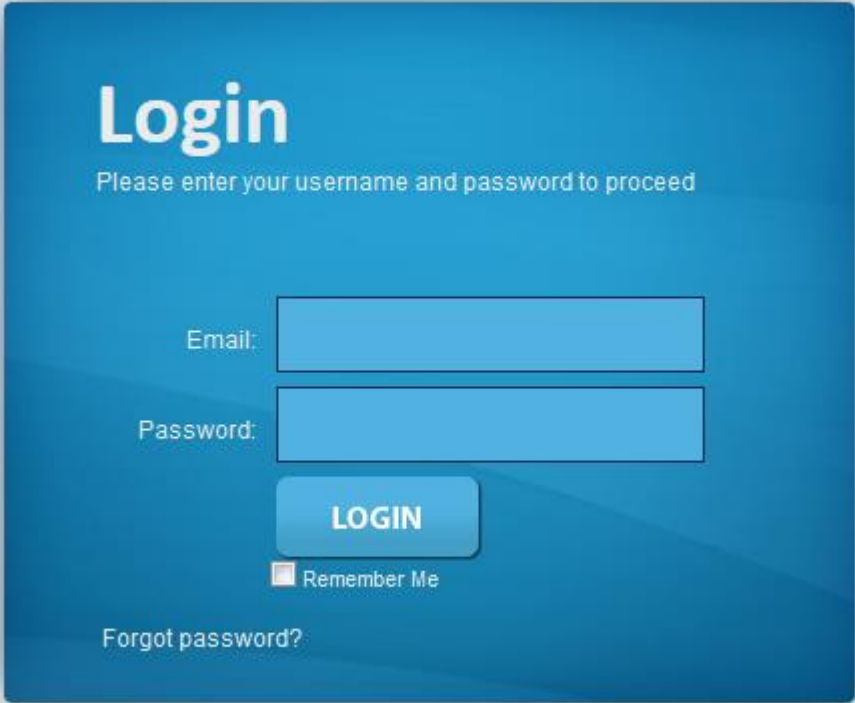
Login

You may now login
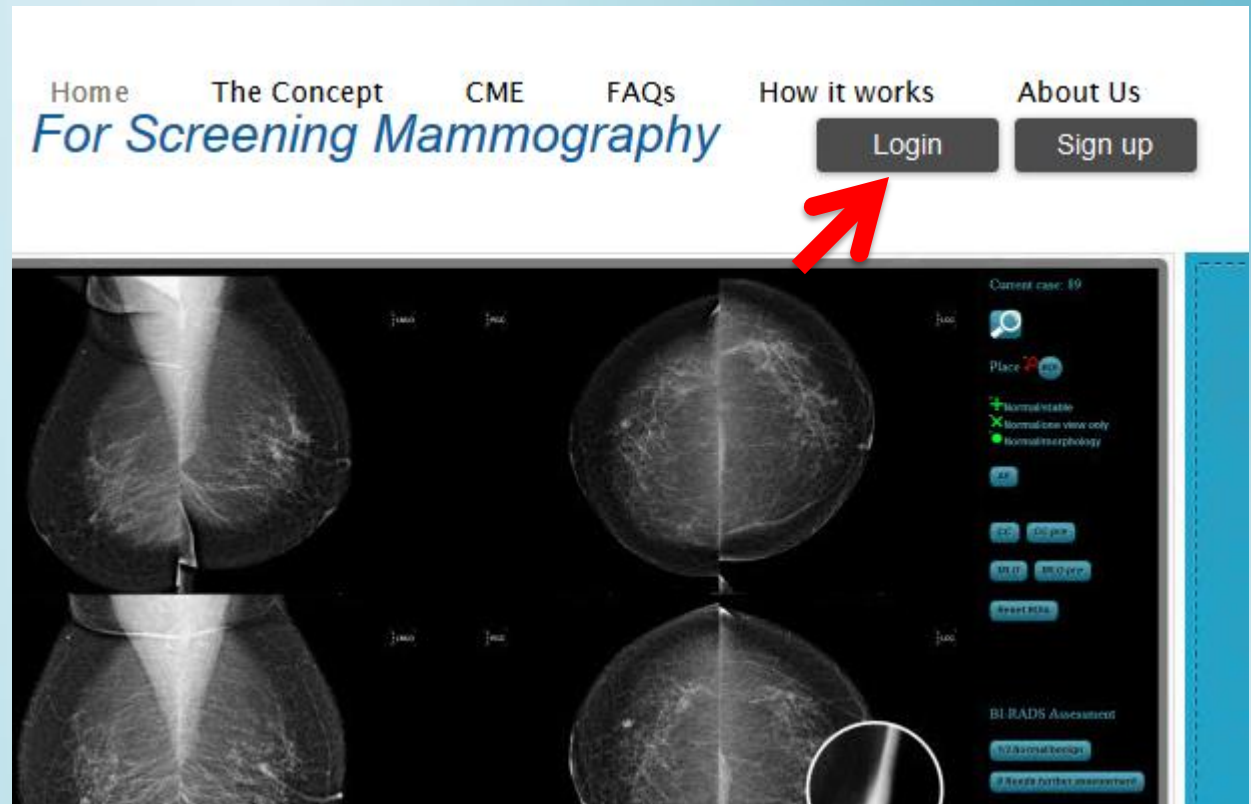
Login

Login with the data
you registered

Profile

Please complete your profile

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Preferences

In your profile, you may set your preferences how you would like to open the viewer window.

Two options are available: fixed size and maximized (which expands the window to the full dimensions of your browser.
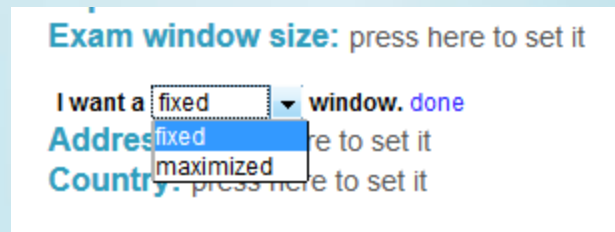
Session

Difference between window preferences
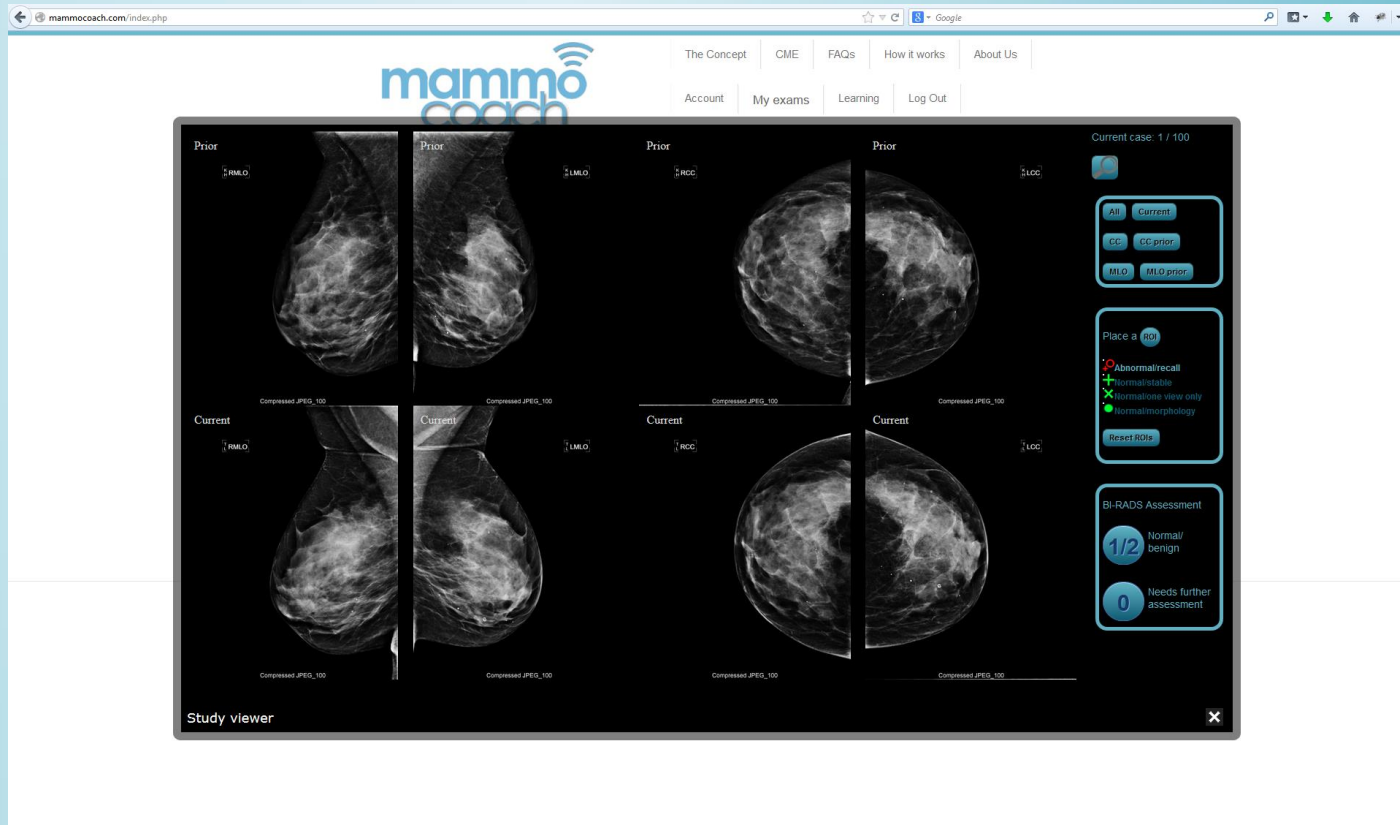
This is an example of "fixed" window size chosen in your profile. This option shows the viewer always in the same dimensions – independent on the browser/screen size

Session
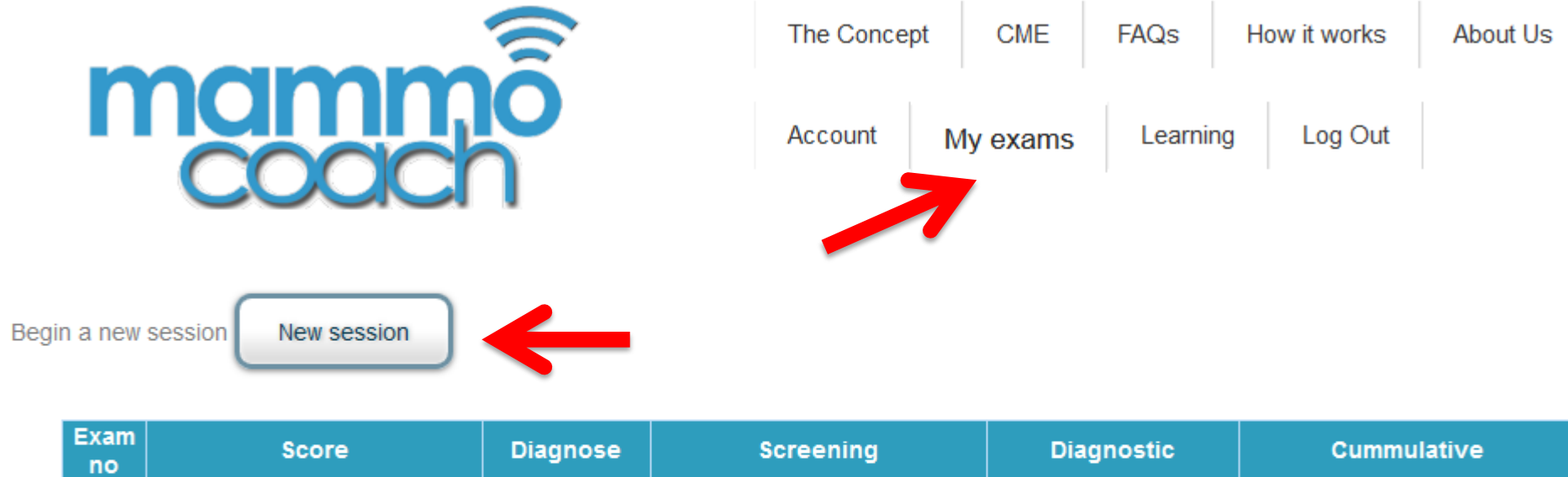
Difference between window preferences
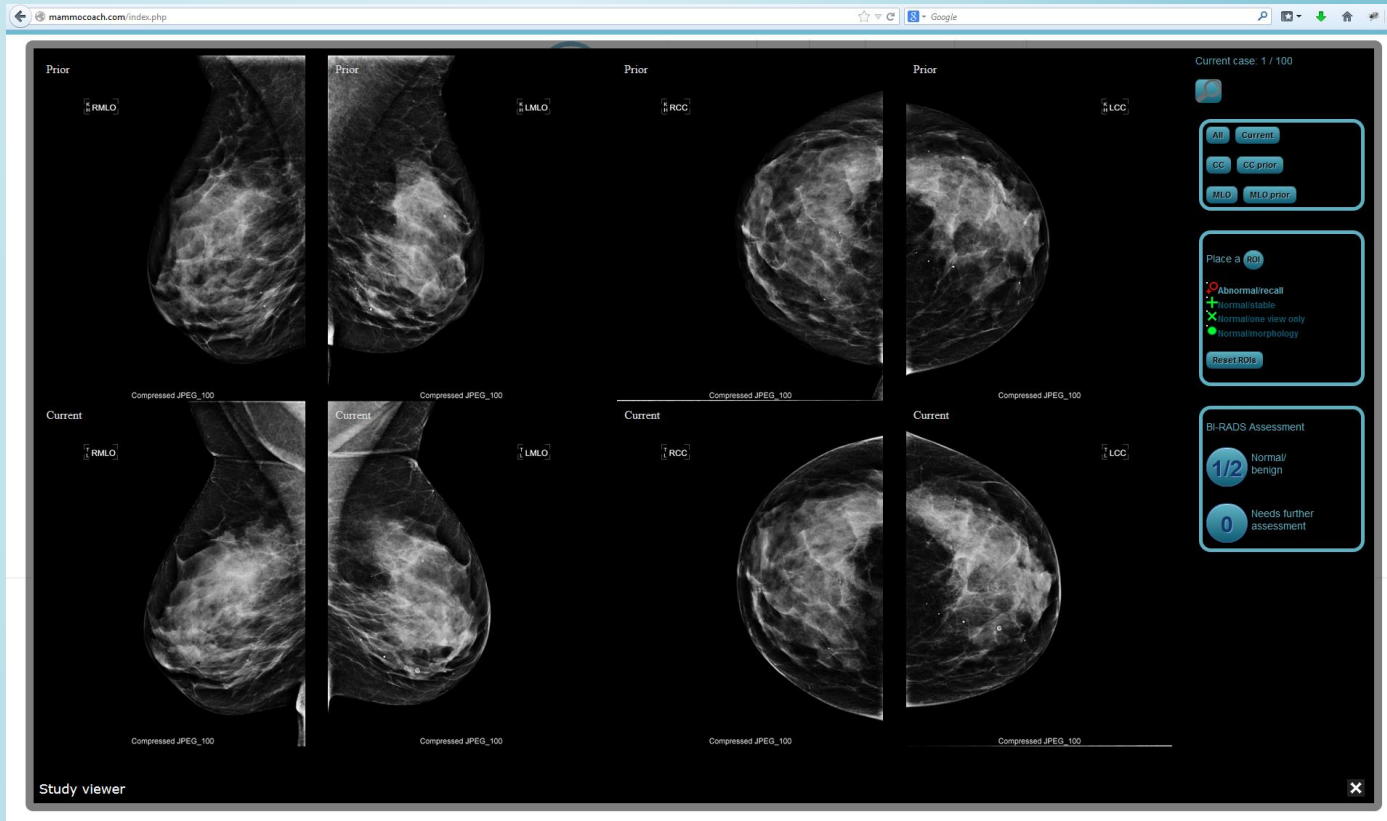
This is an example of "maximized" window size chosen in your profile. This option shows the viewer DEPENDING on the browser/screen size.

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Session

To start your session, please go on "My exams" in the top menu and then click the "New session" button

Session

If you started a session, please click on "Continue exam"

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Session

Tip!

Maximize your browser window to the maximum of your monitor/screen size!

Session

Time for a coffee? You may discontinue your session at ANY time!
Click on "Continue exam" to continue where you stopped.

| The Concept | CME | FAQs | How it works | About Us |
| Account | My exams | Learning | Log Out | |

Exam no	Score	Diagnose	Screening	Diagnostic	Cummulative
1	Continue exam	Diagnostic	locked in demo	locked in demo	locked in demo

Your subscription is not active.
Your sessions are stored and you can see them again when you activate a new subscription. The first session is free.

There are 1000 total cases. After you finish them, new features will be unlocked.
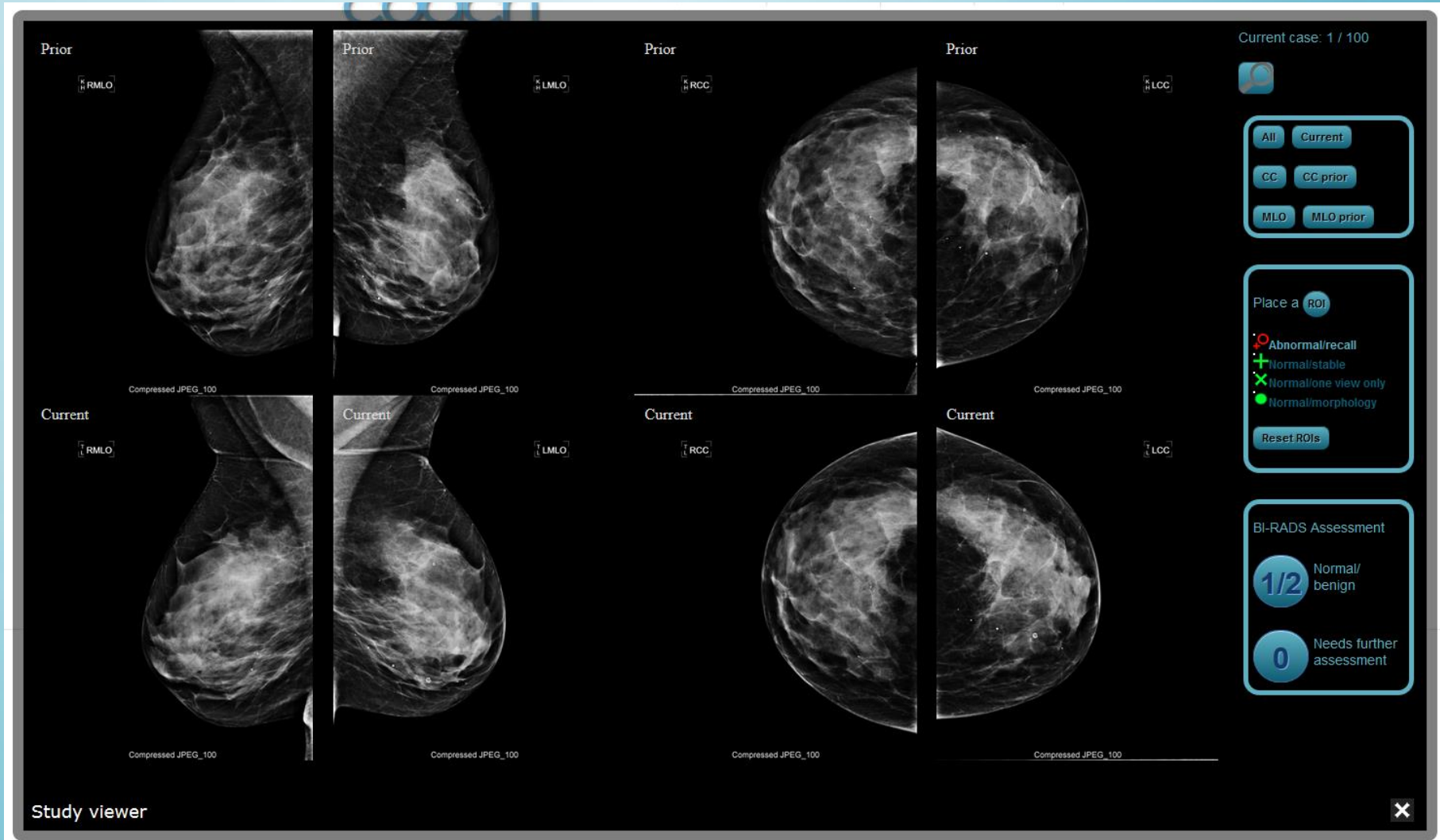Each session has 100 cases. You can diagnose them after finishing it.
Receive a free passport to www.radiologycasereviews.com (locked)
More cases are waiting for you! (locked)

Session

The viewer

Session

The viewer – Two sections: Image section and control menu
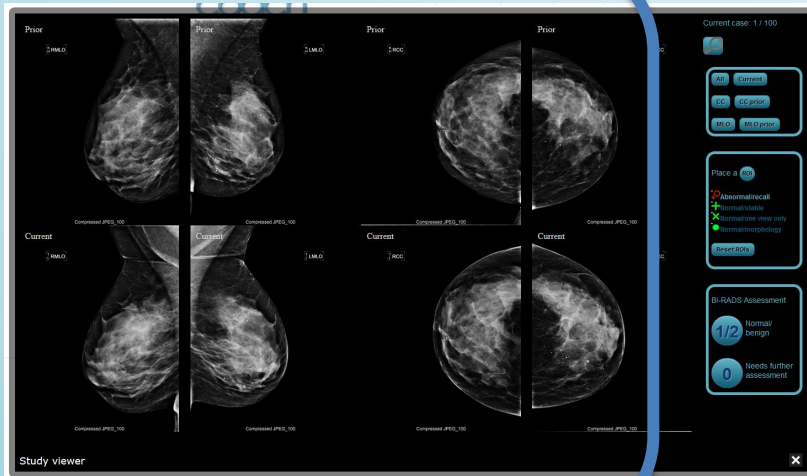
Image section
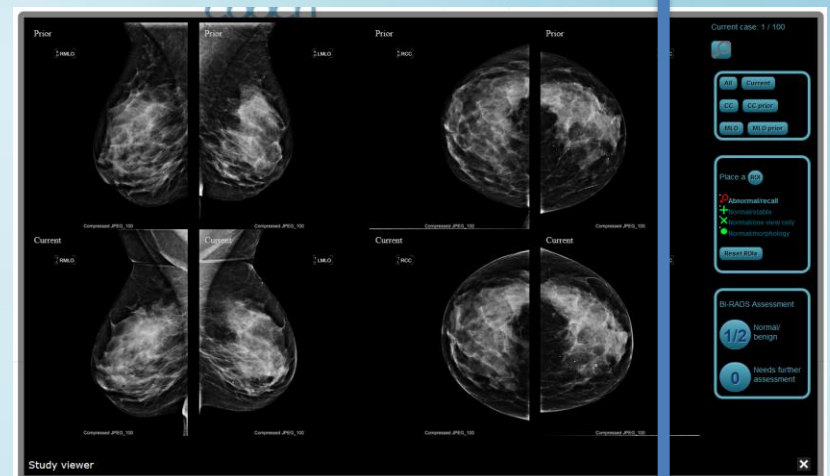
Control menu

Session

The viewer – Control menu

Magnifying glass

Hanging protocols

Region of interests (ROIs)

Decision

Session

The viewer – Control menu – Magnifying glass

To activate the magnifying glass, click on the symbol. When activated, the symbol turns white and you will see a magnified view when hovering over the respective area on the images.
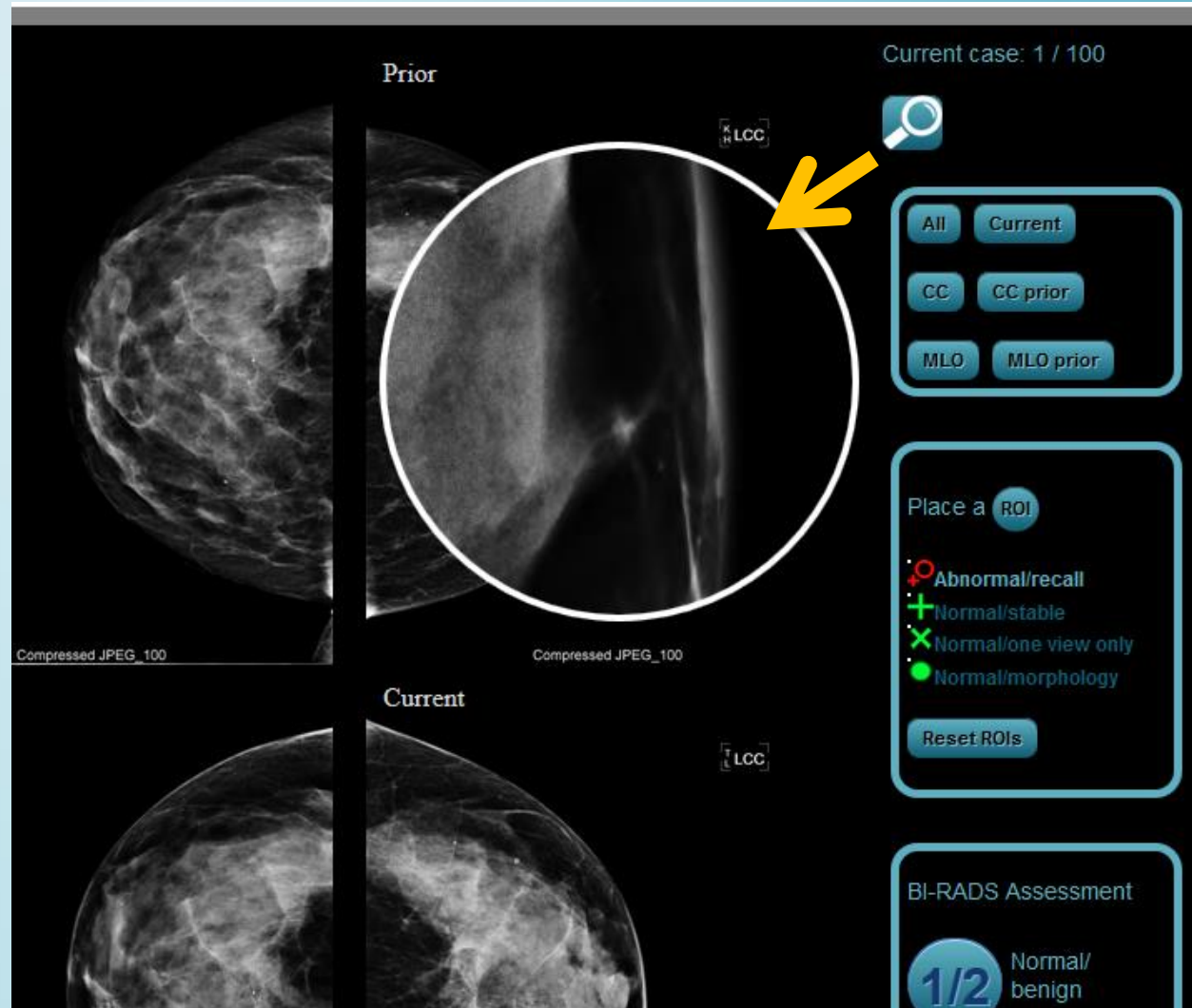
Session

The viewer – Control menu – Hanging protocols

Different "Hanging protocols" allow displaying images at your convenience, such as all at once, only the current or prior study, CC or MLO views.

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Session

Tip!

To optimize the magnified area, change
the hanging protocol to CC or MLO only

Session

Tip! – Optimal usage of magnified area

"All" hanging protocol

"MLO" hanging protocol

Session

The viewer – Control menu – ROIs

We offer different sets of markers.

Abnormal areas are marked with a red marker and will be "recalled".

Mark "normal" findings which you would NOT call back and chose one of the three reasons*:
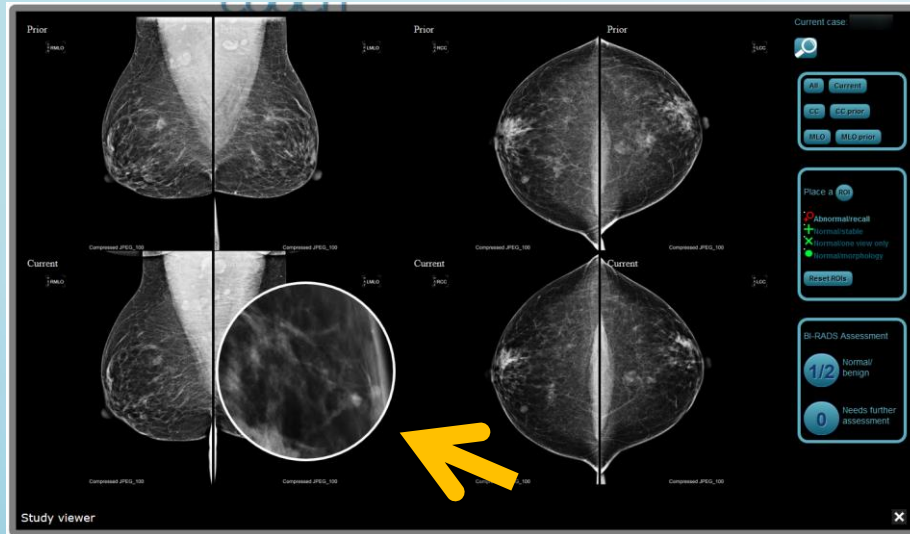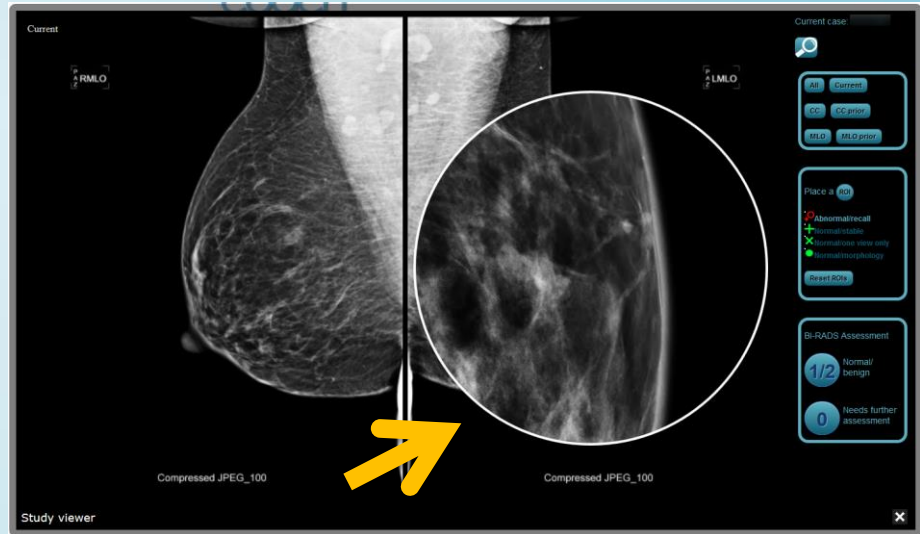normal or benign because…

- stable
- only seen on one view
- because of normal morphology

Red = abnormal
= recall

Place a ROI

⊕ Abnormal/recall
✚ Normal/stable
✖ Normal/one view only
● Normal/morphology

Reset ROIs
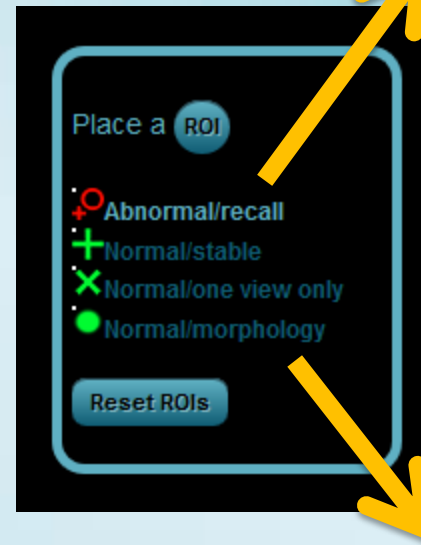
Green* = normal/benign

*By marking "normal' findings, MammoCoach intends to enhance the learning experience for Radiologists who might be less experienced, and to teach avoiding unnecessary call backs.

Session

The viewer – Control menu – ROIs

Markings are done by <u>DOUBLECLICKING</u> on the area of interest. There might be a slight discrepancy between the exact location of the marker and where you clicked – that's ok. It does not have to be the same "pixel".

…and don't worry…
If you set a marker erroneously, you may reset all markings again by clicking on the "Reset ROIs" button.
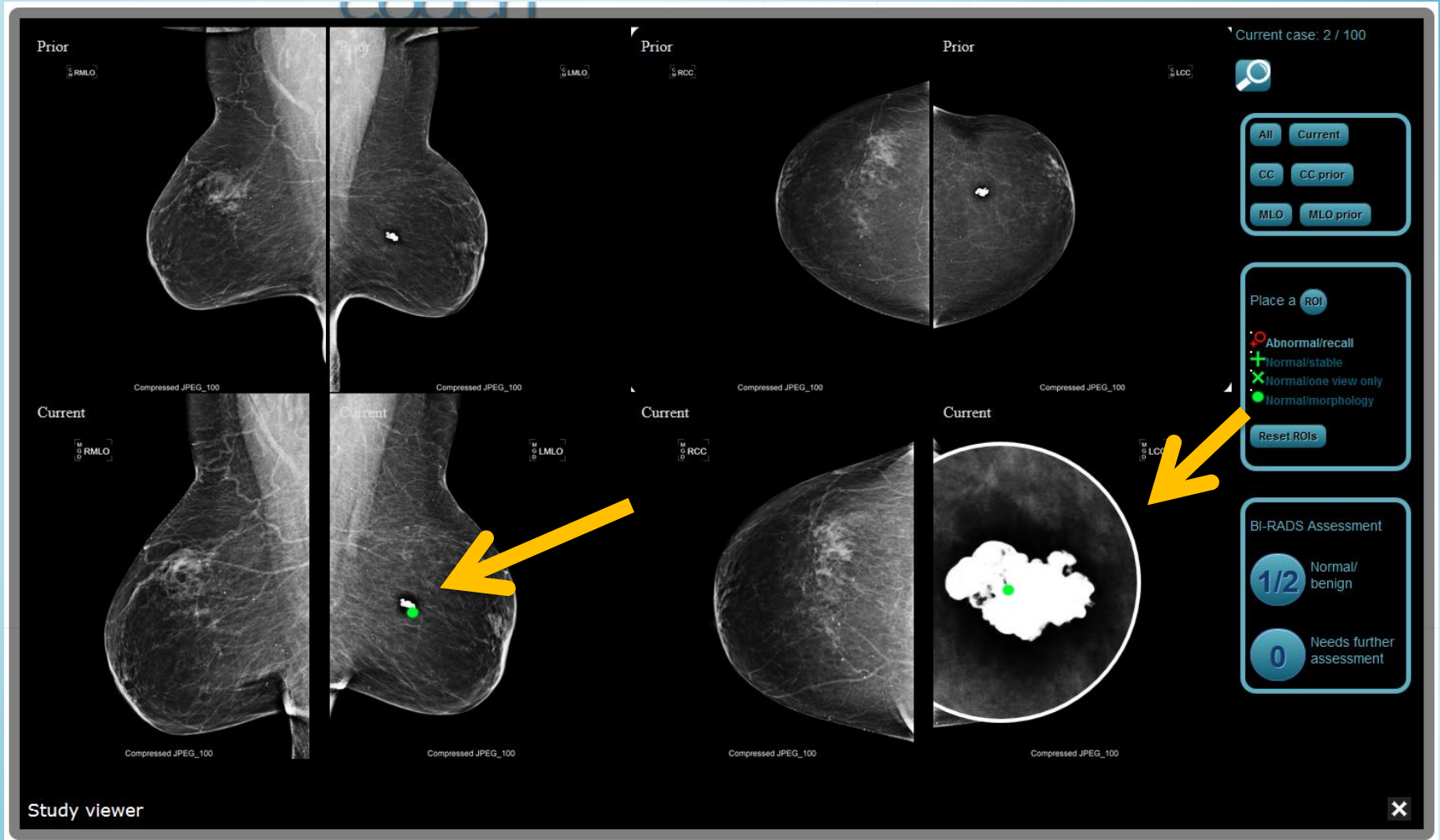
Session

The viewer – Marking ROIs

Example of a "Abnormal/Recall" marking
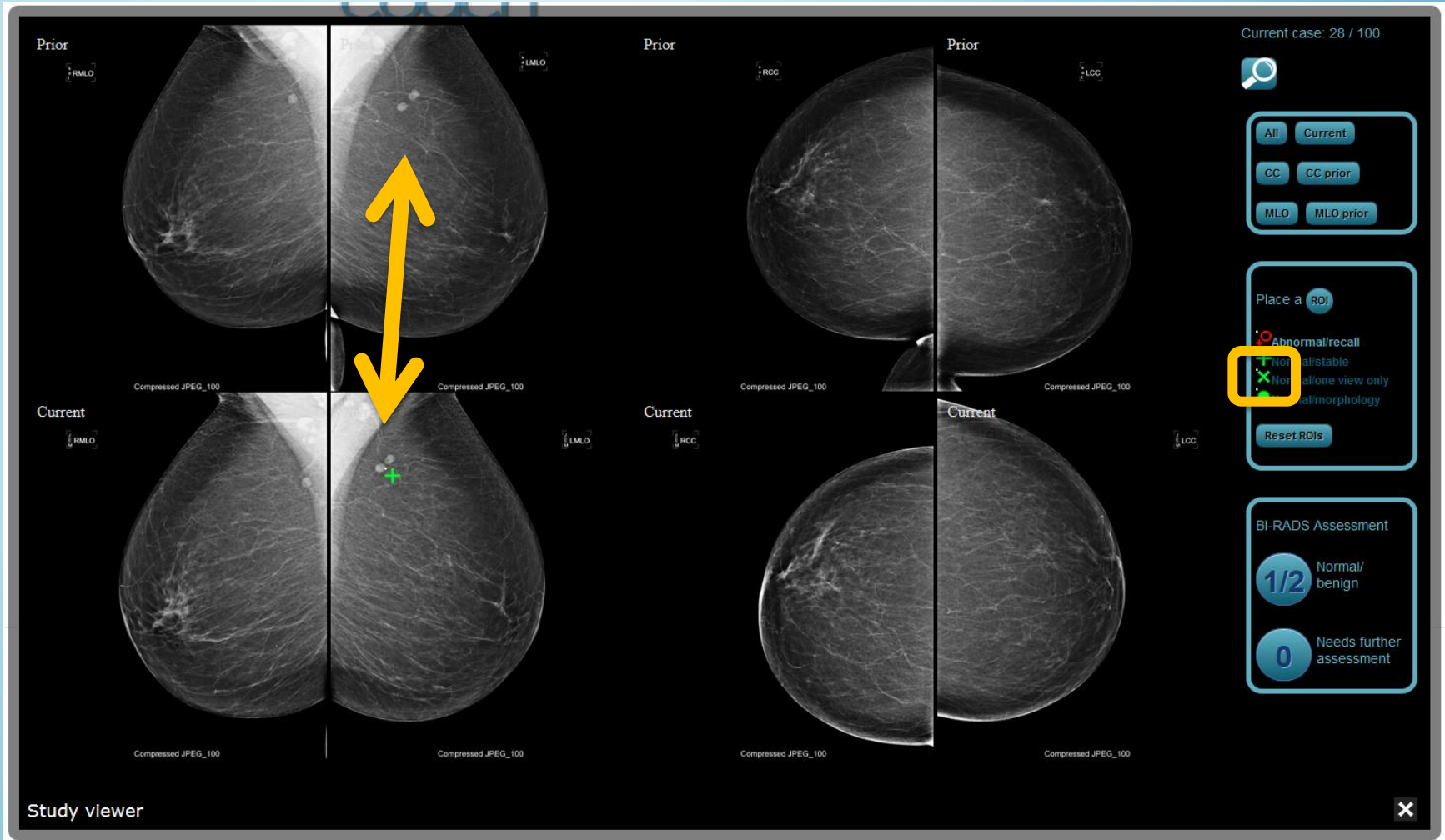
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Session

The viewer – Marking ROIs

Example of a "normal"/benign marking (popcorn calcification)

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Session

The viewer – Marking ROIs

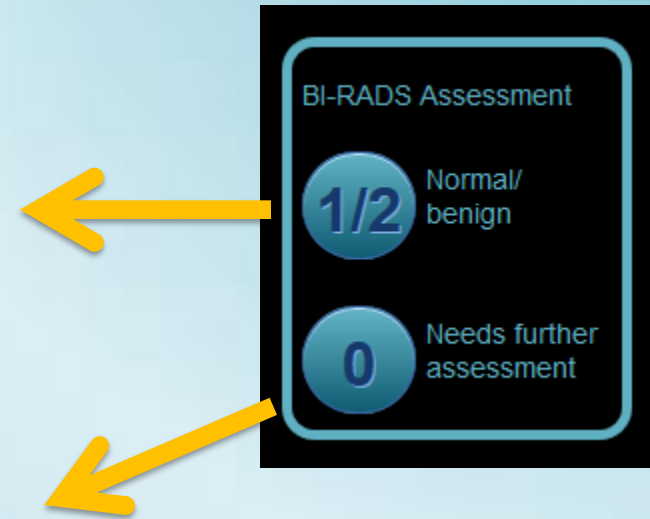Example of a "normal"/benign marking (stable)

Session

The viewer – Control menu – Decision

There are two decisions that can be made:

BI-RADS 1 or 2, which do not require a diagnostic study for further assessment.
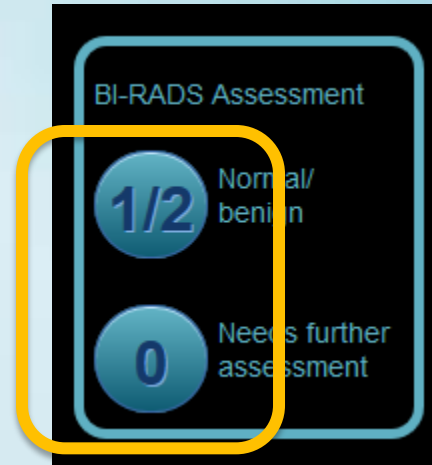

BI-RADS 0, which requires a red marking and calls for a diagnostic study.

Session

The viewer – Control menu – Decision

As soon as a decision has
been made (button clicked) you
will proceed to the next case.

Session

After the screening session you will go over your recalled cases

Congratulations! You just finished the screening portion of one session of MammoCoach. Now, it is time to review your recalled cases. Only your recalled cases, which were also recalled by the authors, will be shown.

You will go through all the diagnostic additional images, including Ultrasound if available, and make your final BI-RADS judgment. However, after the diagnostic workup you can still see all the screening cases, including the "normal" ROI's.

Ok

Study viewer

Session

You may take a break before going over your recalled cases or continue by clicking on "Diagnostic".

Session

To proceed with the diagnostic workup of your recalled cases click the following link.

Session

Now go one by one through your recalled cases.

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Session

Use available tools to make your decision.
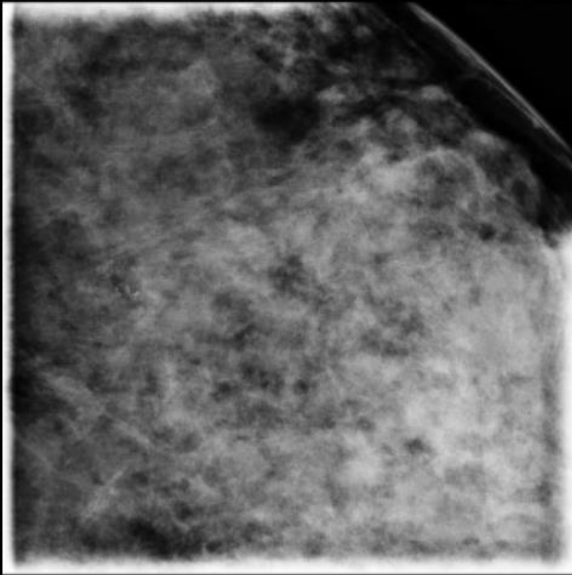
www.MammoCoach.com
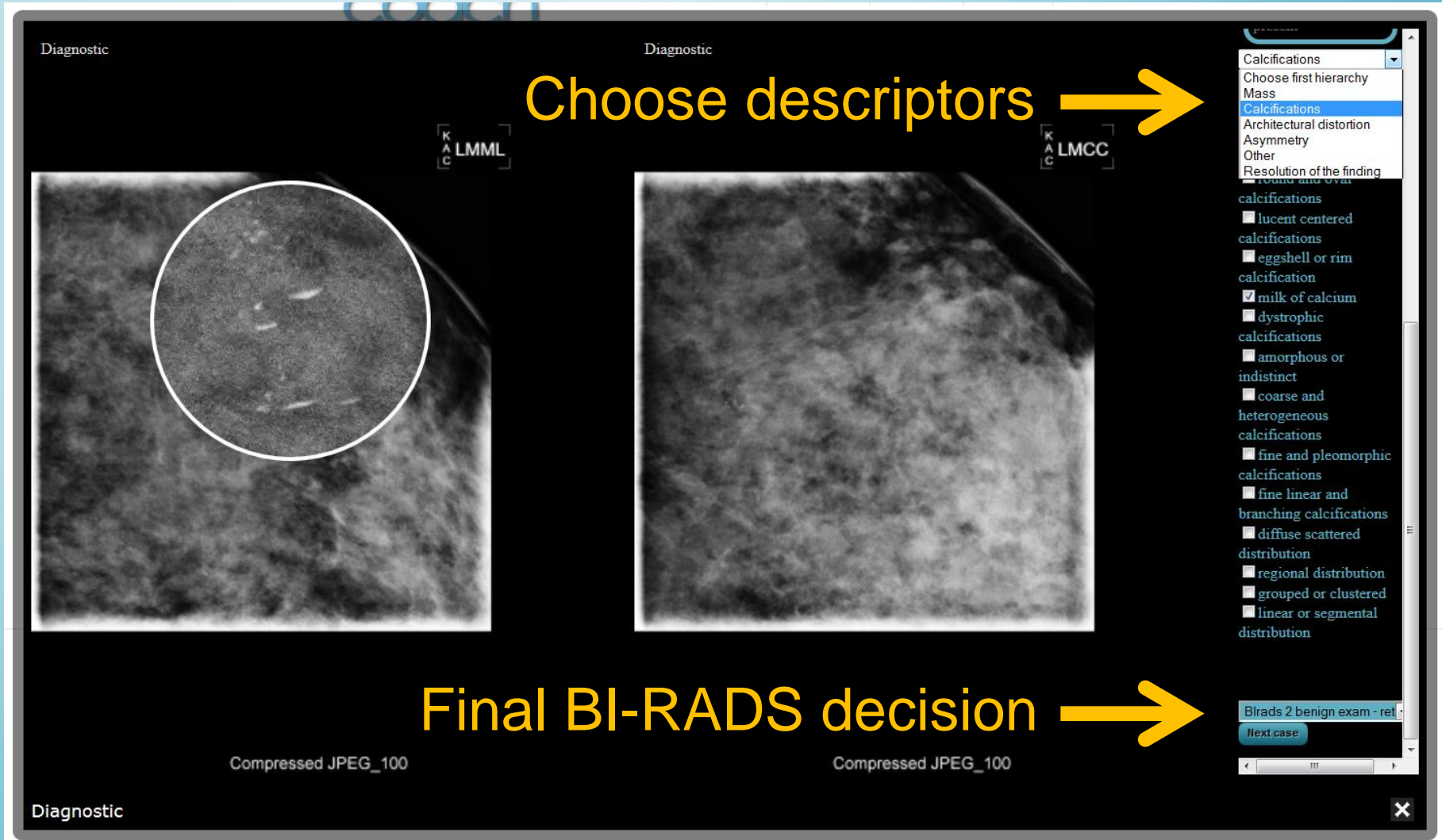
Session

Select the descriptor and your final BI-RADS decision.

Choose descriptors →

Final BI-RADS decision →

Session

After you are done with your recalled cases, you will be shown your evaluation with detailed analysis and statistics.

The diagnostic process is done. Now it is time for results.
You can inspect the results.

Ok
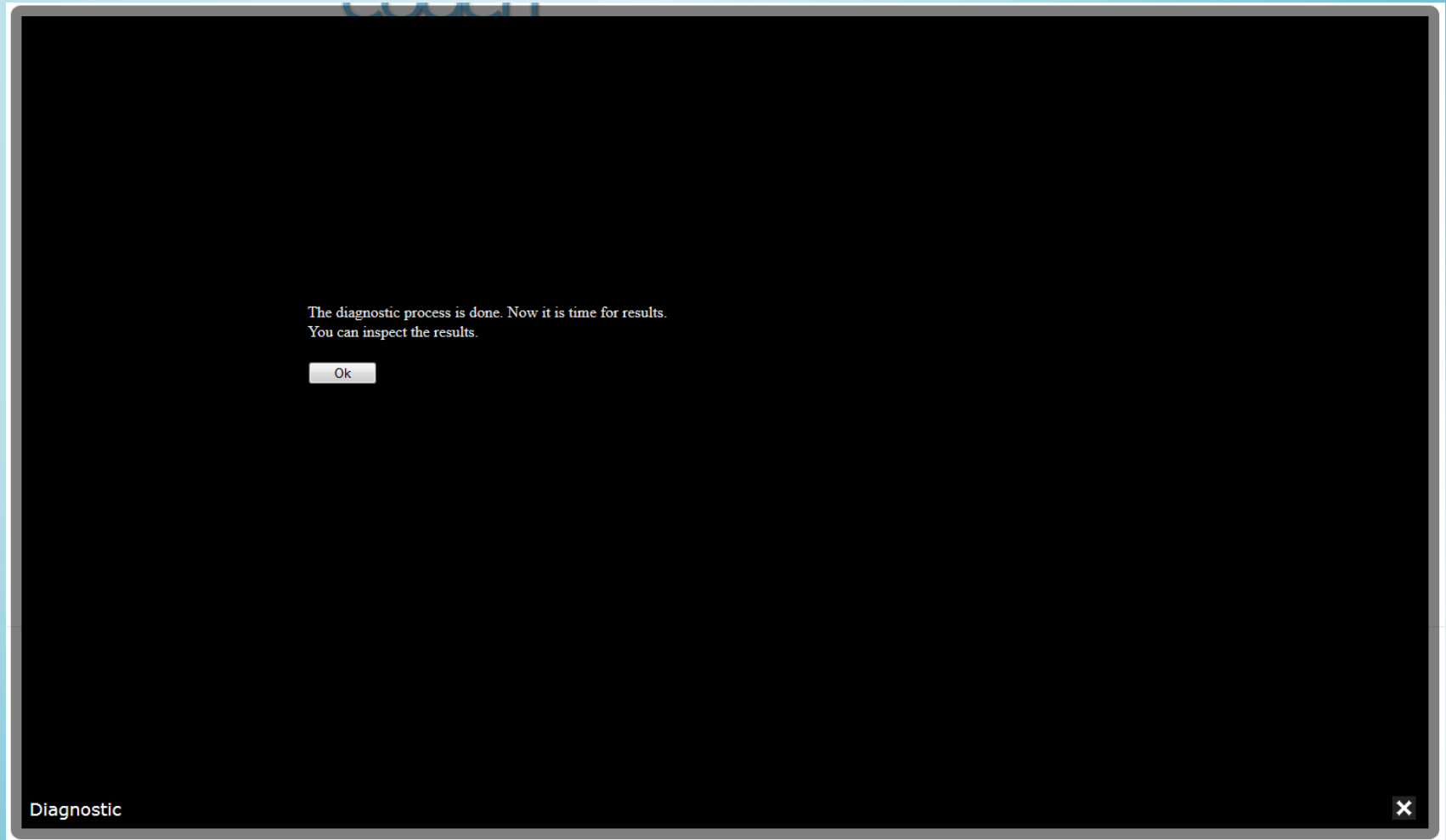
Diagnostic

Analysis

Click on the statistics icons to review your results and statistics

Analysis

Screening part analysis and statistics

By clicking on the screening statistics icon, a 2x2 table and a statistical analysis of your screening part is provided.

2x2 table

Statistics

Analysis

Screening part analysis and statistics

Case no	Diagnostic	Review	Learn
1	True negative	Review	
2	True negative	Review	
...			
21	True negative	Review	
22	True negative	Review	
23	True negative	Review	
24	False negative	Review	Learn
25	False positive	Review	Learn
26	True negative	Review	
27	True negative	Review	
28	True negative	Review	
...			
46	True negative	Review	
47	True negative	Review	
48	True positive	Review	
49	True positive	Review	
50	True negative	Review	
51	True negative	Review	

Connection to online book

Individual result

Review case

Also provided is the entire list of cases showing the individual results with link to review each case.

Analysis

Reviewing individual cases

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Analysis

Reviewing individual cases

Compare with different experience levels (color coded)

Analysis

Reviewing individual cases

Reviewing diagnostic studies (mag/compression views)

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Analysis

Reviewing individual cases

Reviewing diagnostic studies (Ultrasound images)

Analysis

Diagnostic part analysis and statistics

Exam no	Score	Diagnose	Screening	Diagnostic	Cummulative
1	98 (sensitivity 50%)	Diagnostic	📈	📈	📈

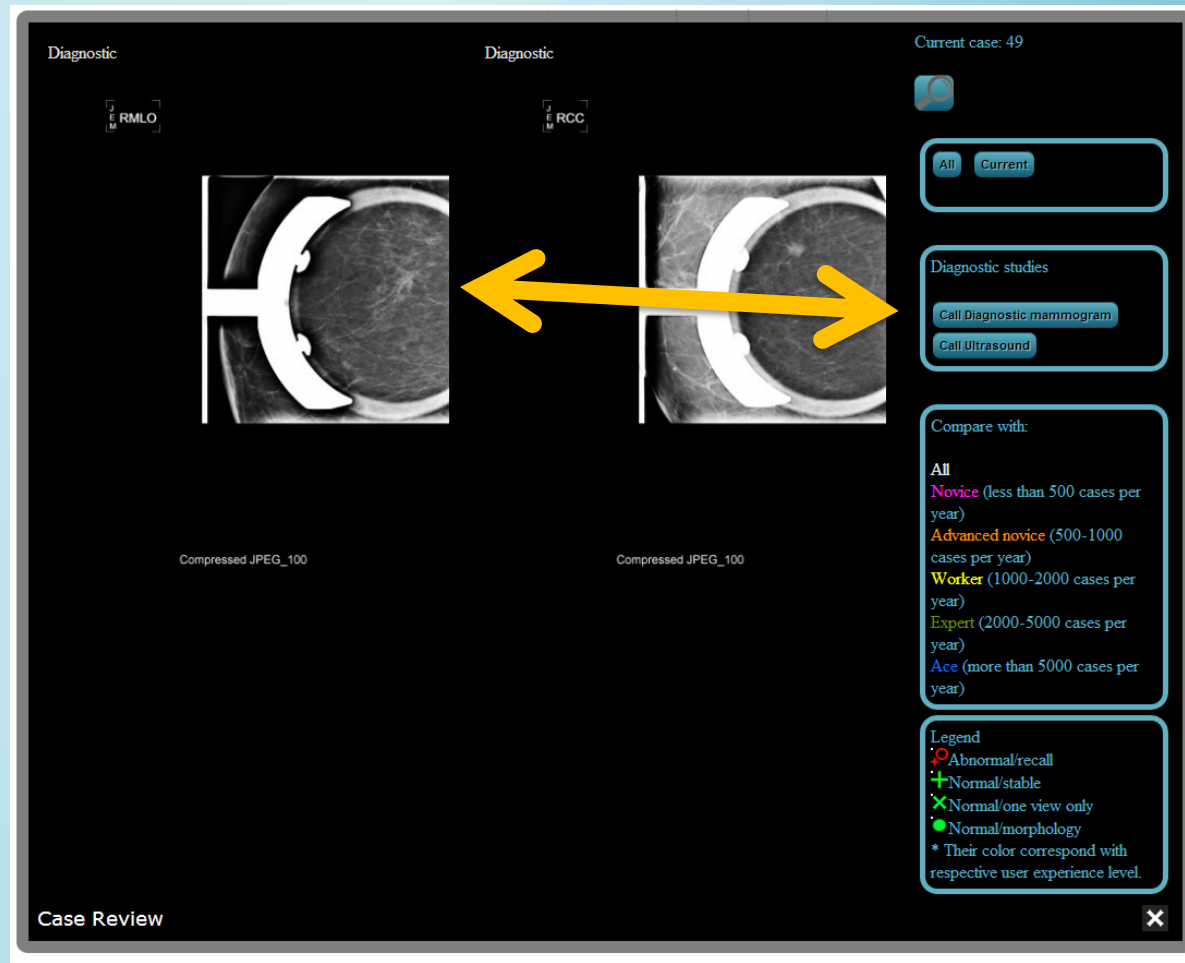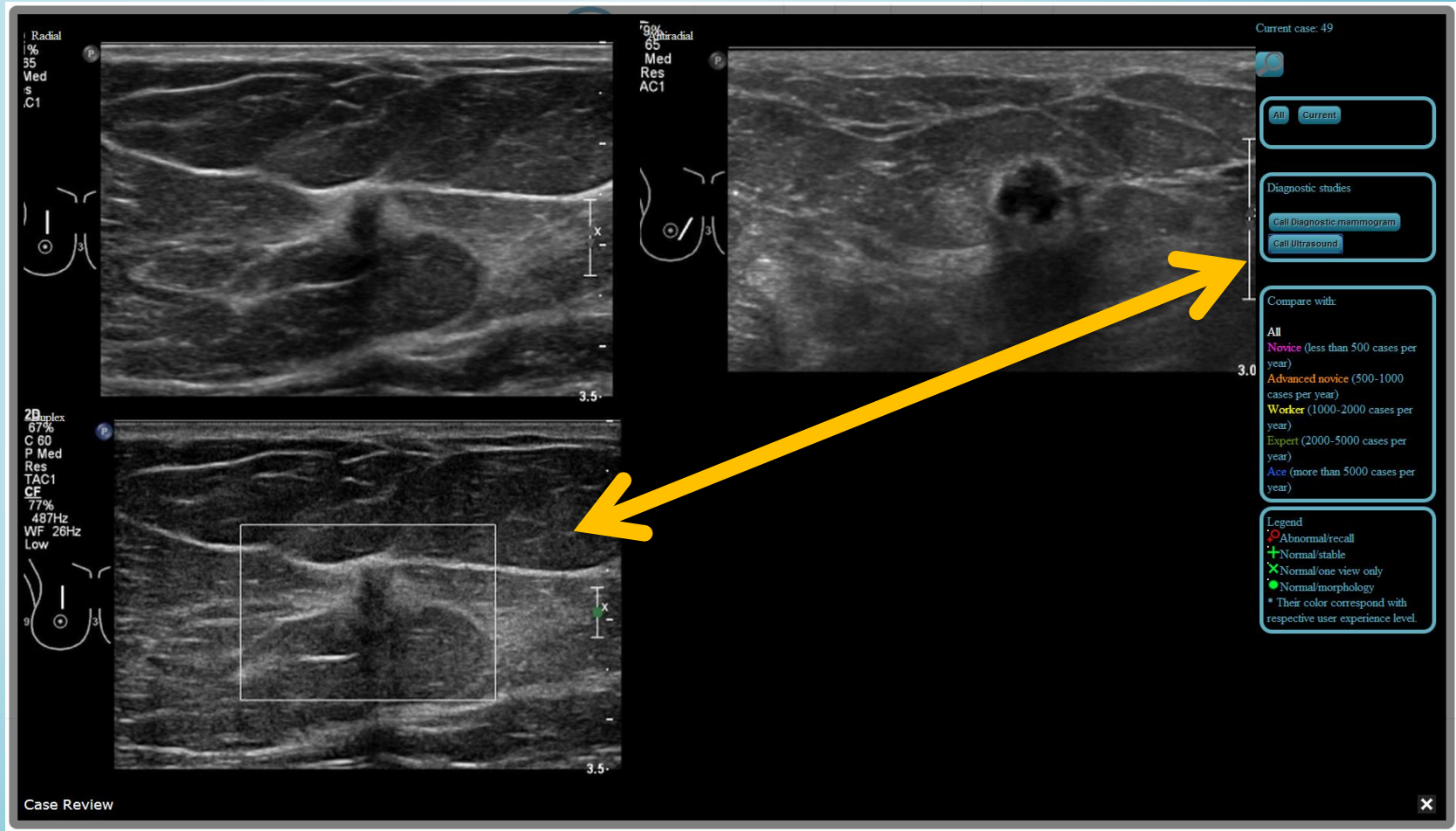|	Cancer present	Cancer not present	Total
User: positive (BIRADS 4-5)	True positive: 2	False positive: 0	2
User: negative (BIRADS 1-3)	False negative: 0	True negative: 1	1
Total	2	1	3

2x2 table

Recall rate: 66.7% (2/3)
Sensitivity: 50.0% (2/4)
Specificity: 100.0% (1/1)
Positive predictive value: 100.0% (2/2)
Negative predictive value: 100.0% (1/1)

Statistics

Case no	Diagnostic	Review
25	True negative	Review
48	True positive	Review
49	True positive	Review

The diagnostic analysis provides a 2x2 table, a statistical analysis and your recalled cases of the diagnostic part.

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Survey

After finishing the complete MammoCoach, please take a brief survey.

The link will be displayed at the top of your statistics.

Thank you!