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## SIMULATIONiQ™ Enterprise *Evaluations*

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## Evaluations

An evaluation is used to assess the performance of a learner(s), or an SP during an encounter. The evaluation is also referred to as an Assessment.

Assessments are broken down into 2 groups:

- **Performance Assessment** – where the SP or Faculty assess the learner's performance in the encounter.
- **SP Performance Assessment** – where the SP's performance in the encounter is assessed by another SP or Faculty member.

## Assessment Types

Assessments are used in the generation of Cases and Scenarios as follows:

[-] Evaluation Summary

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Displays the checklist types and question counts associated with the scenario as indicated by the checkmarks. Click the checkbox to create a new checklist or unclick to delete. For a Performance Assessment, all trainee roles are added so checklists can be created for each role.

Summary Evaluation	Question Count
<input checked="" type="checkbox"/> <a href="#">Performance Assessment</a>	
<input checked="" type="checkbox"/> <a href="#">apx PA Copy</a>	5
<input checked="" type="checkbox"/> <a href="#">apx PA DG</a>	2
<input checked="" type="checkbox"/> <a href="#">apx PA Med Quotroach</a>	3
<input checked="" type="checkbox"/> <a href="#">apx PA 1st Responder</a>	3
<input checked="" type="checkbox"/> <a href="#">Team Performance Assessment</a>	6

[-] Learner Assessment

Table of Contents | Top

Displays the checklist types and question counts associated with the scenario as indicated by the checkmarks. Click the checkbox to create a new checklist or unclick to delete. For a Performance Assessment, all trainee roles are added so checklists can be created for each role.

Summary Learner Response	Question Count
<input checked="" type="checkbox"/> <a href="#">Learner Pre-encounter</a>	
<input checked="" type="checkbox"/> <a href="#">Study Documents</a>	1
<input type="checkbox"/> <a href="#">Support Files</a>	N/A
<input checked="" type="checkbox"/> <a href="#">Questionnaire</a>	1
<input checked="" type="checkbox"/> <a href="#">Learner Post-encounter</a>	
<input checked="" type="checkbox"/> <a href="#">Questionnaire</a>	2
<input checked="" type="checkbox"/> <a href="#">Survey</a>	1
<input checked="" type="checkbox"/> <a href="#">Learner Self-Assessment</a>	5

Save All Changes

Cancel

Print

The following are types of Learner Assessments:

- **Learner Pre-encounter** – checklist questions presented to the learner before the encounter
- **Learner Post-encounter** – checklist questions presented to the learner after the encounter
- **Learner Self-Assessment** –used by the Learner to assess themselves
- **Team Performance**- where the team as a whole can be assessed by an SP or faculty member (accessible from the Evaluation Summary section)
- **Peer Assessment** - an assessment between learners (accessible from the Evaluation Summary section)

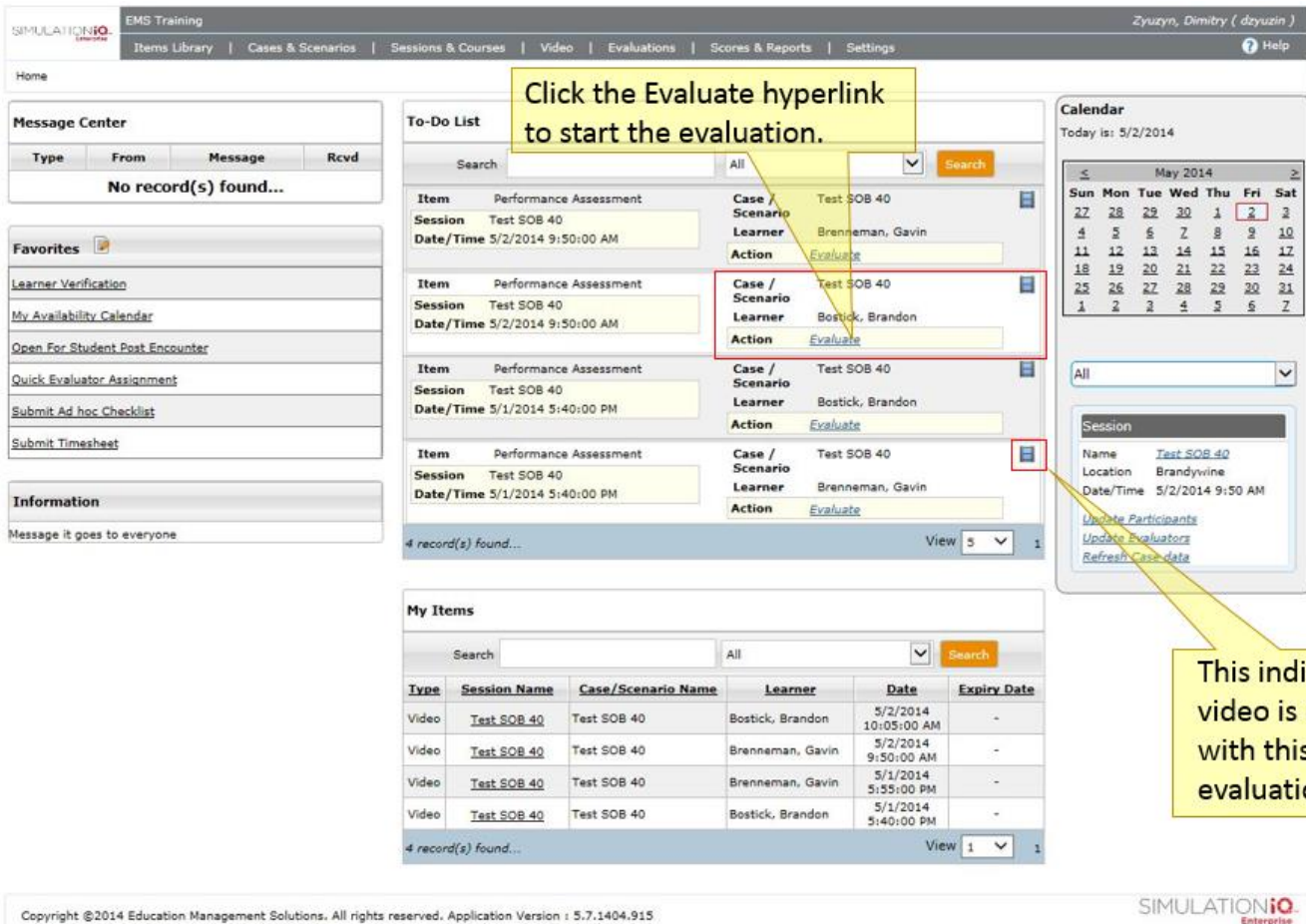
### *The Evaluation Life Cycle*

Typical processes involving Evaluations are described as follows:

1. The evaluations are assigned to the Case or Scenario on the Activity page based on Items Library checklists.
2. An evaluation is then sent to the Learner's dashboard or, in the instance of a SP Performance Assessment, sent to the evaluator's dashboard.
3. It is then completed by the recipient who clicks the Submit button.
4. The submitted evaluation is then listed on the Evaluations Search Results Page.
5. **The Assessment can be scored:**
  - a. In the Evaluations task module by clicking on the score hyperlink of the evaluation or the **Generate Score** button (clicking this button from here generates all pending scores).
  - b. By clicking the **Generate Score** button in the Scores & Reports task module.
  - c. By clicking the **Generate Score** button on the Tool Belt of that Session's Activity page.
6. In Scores & Reports, scores can be collected and reports generated by a variety of categories, dates, etc.

### *Accessing an Evaluation*

Evaluations that are designated on the Case or Scenario Activity page and associated with a participant, will be sent to the participant's dashboard in their To-Do List, as shown below:



Click the Evaluate hyperlink to start the evaluation.

This indicates video is included with this evaluation.

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### Completing a Checklist

Click on the Evaluate hyperlink to display a list of evaluation questions linked to the case (the following shows a partially completed evaluation):



EMS Training  
Zyuzyn, Dmitry ( dzyuzin )  
Help

Home > Evaluation

Session Test SOB 40  
Case/Scenario Test SOB 40

Brenneman, Gavin

Print Save Changes Finish

Hide All Comments Hide All Questions

Questionnaire

History Taking (H) | Communication Skills

History Taking (H)

1. Did learner obtain patient history?\*

☐ No ☒ Yes

Hide Comments

Communication Skills

2. Did learner demonstrate empathy?\*

☐ Unacceptable ☐ Below Expectations ☒ Meets Expectations ☐ Exceeds Expectations ☐ Exceptional

Hide Comments

General Comments

Video Quick Access

Responded to 2 out of 2

☒ 1. Did learner obtain patient history?

☒ 2. Did learner demonstrate empathy?

Print Save Changes Finish

Video Quick Access

BW Cam1 BW Cam2 BW Vita...

View All

Add Bookmark

Bookmark Group: Craig's Bookmarks

Wash Ha... Meds Blood Patient Patient

Bookmarks

Search All Search Add New

Print Delete

	Time	Bookmark	Type	Delete
No record(s) found...				

When completing the evaluation, click the **Finish** button to send it to the Evaluations Task module where it will be scored.

### Automatic Scoring

SIMULATIONiQ™ Enterprise automatically scores Multiple Choice, Yes/No, Select One of the Options, and keyword questions. Text answers need to be manually scored. The parameters for the automatic scoring are defined during the case definition where each response is given a score and a weight. Each correct response can have a positive score and if required, negative scoring can also be done automatically by providing a negative score for each incorrect response. Once a response is received from the student, the score for each question is calculated based on a weighted mean average. In a Team Assessment, where an evaluator evaluates a team of learners as a whole, the scores go to each learner's record.

To view the evaluation with the learner's responses, scores, (if already scored) and video (if applicable), click on the Learner's name link. The evaluation will display.

To view the score, click on the **Score** link under the **Score** column of the evaluation.

### *Manual Scoring*

If an evaluation requires manual scoring or scoring has not yet been generated by the system (Scores & Reports > Generate Score), the status will be listed as **Queued for Scoring** or **Require Manual Scoring** under the Status column. Click on the **Score** hyperlink in the Search Results page of the evaluation to be scored. The evaluation questions, the responses, and will be displayed, along with a score grid next to each question. Evaluations created and assigned.

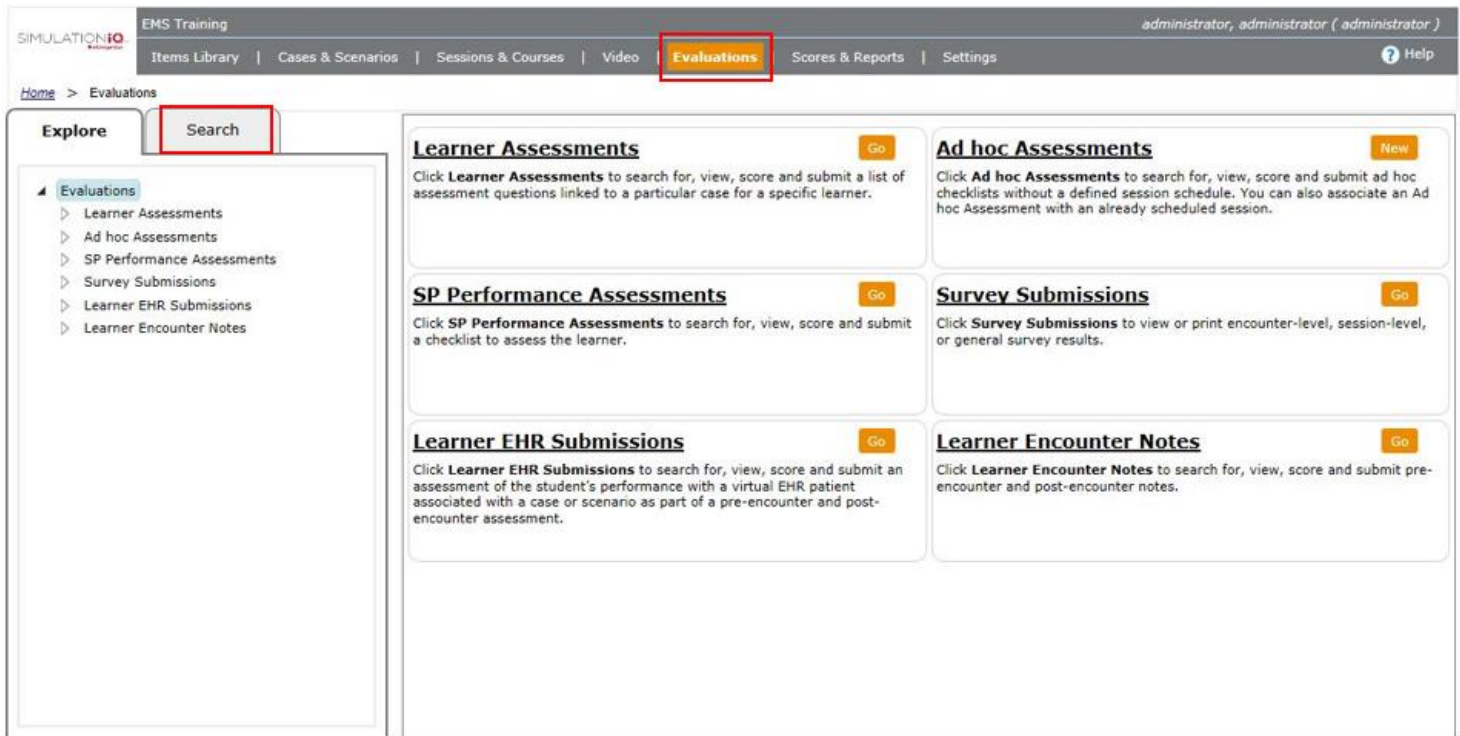
During the case creation process, Assessments are added to the Evaluation Summary and the Learner Assessment sections of the Activity page. When the session is scheduled, the participants are assigned and the evaluations are sent to their To-Do List to complete.

### *Evaluation Searching Overview*

#### *Searching by Task Groups*

When the evaluation is completed, it is submitted and listed here, on the Evaluations Search Results Page:





Navigate to the **Explore** tab to search for existing Evaluation components, including the following Evaluation Types:

- Learner Assessments
- Ad hoc Assessments
- SP Performance Assessments
- Survey Submissions
- Learner EHR Submissions
- Learner Encounter Notes

Navigate to the **Search** tab to view the following:

Home > Evaluations

**Explore** **Search**

**Session Name** All

**Session Date** From To

**Evaluation Type** Learner Encounter Note

☒ Submitted ☐ Pending

**Evaluator** All

**Learner** All

**Case/Scenario** All

Clear Search

**Note:** The Submitted and Pending radio buttons appear only for Learner Encounter Notes and Learner Assessments.

In the **Search** tab filter searches by Session Name, a Session date range, Evaluation Type, radio button selection (if applicable), Evaluator, Learner, and Case/Scenario.

### *Filtering Search Results/Functions*

The Search Results grid will be customized according to which item is selected in the Explore or Search Tabs. Below is a list of what the grid will display according to which Assessment is selected.

<u>Learner Assessments</u> <ul style="list-style-type: none"> <li>• Learner</li> <li>• Session</li> <li>• Case / Scenario</li> <li>• Evaluator</li> <li>• Eval Type</li> <li>• Date</li> <li>• Status</li> <li>• Score</li> <li>• Delete</li> </ul>	<u>Ad-hoc Assessments</u> <ul style="list-style-type: none"> <li>• Learner</li> <li>• Session</li> <li>• Case / Scenario</li> <li>• Evaluator</li> <li>• Eval Type</li> <li>• Date</li> <li>• Status</li> <li>• Score</li> <li>• Delete</li> </ul>
<u>SP Performance Assessments</u> <ul style="list-style-type: none"> <li>• SP</li> <li>• Learner</li> <li>• Session</li> <li>• Case / Scenario</li> <li>• Evaluator</li> <li>• Eval Type</li> <li>• Date</li> <li>• Status</li> <li>• Score</li> <li>• Delete</li> </ul>	<u>Survey Submissions</u> <ul style="list-style-type: none"> <li>• Survey Type</li> <li>• Survey Name</li> <li>• Submitted By</li> <li>• Date</li> </ul>
<u>Learner EHR Submissions</u> <ul style="list-style-type: none"> <li>• Learner</li> <li>• Session/EHR Exercise Name</li> <li>• EHR Patient Name</li> <li>• Type</li> <li>• Date</li> <li>• Status</li> <li>• Score</li> <li>• Delete</li> </ul>	<u>Learner Encounter Notes</u> <ul style="list-style-type: none"> <li>• Learner</li> <li>• Session</li> <li>• Case / Scenario</li> <li>• Type</li> <li>• Date</li> <li>• Status</li> <li>• Score</li> <li>• Delete</li> </ul>

### Results Grid Functionality

Click the checkbox next to the **Learner** column on the grid to select the entire list. Click individual learner checkboxes and select **Print** to generate lists of individual learners. Select **Print** to generate a hardcopy list of all evaluations. To score a learner whose evaluation has been submitted, click the checkbox for the learner and select **Score**.

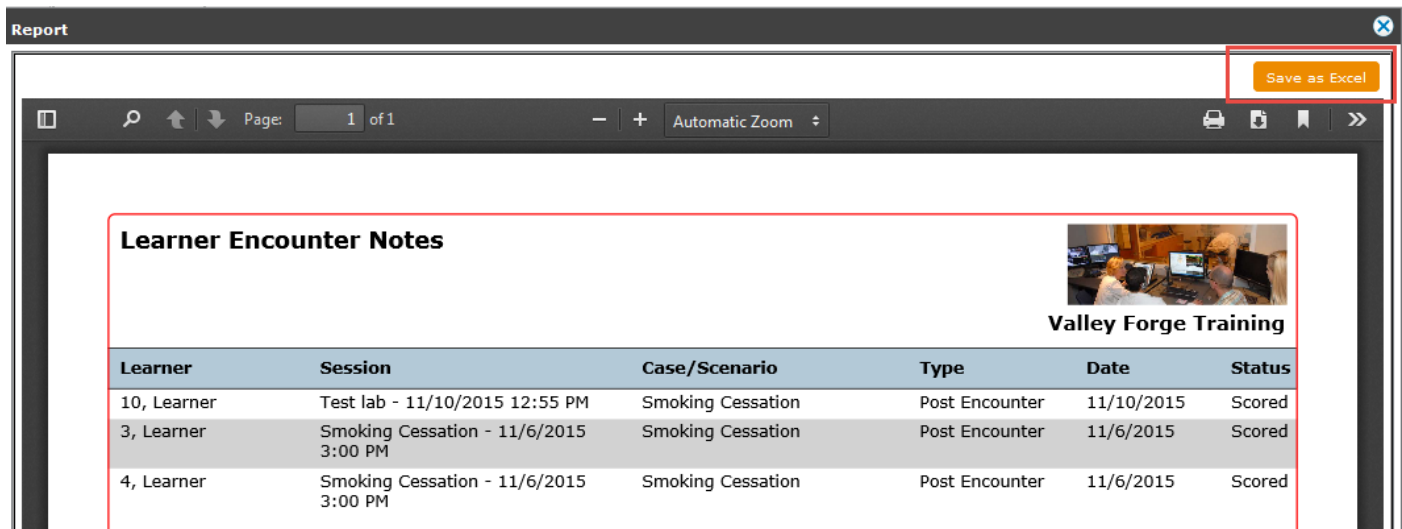
### View an Evaluation Checklist

Click on the learner's name link in the grid under the **Learner** column. The questions, responses and video (if applicable) linked to the case will be displayed.

### *Print a List*

Click the checkbox next to the Learner column on the grid to select the entire list. Click individual learner checkboxes and select **Print** to generate lists of individual learners. Select **Print** to generate a hardcopy list of all evaluations.

Print preview also includes a **Save as Excel** option which will provide the preview in column format within Excel (see below). Depending on which Evaluation Type you are previewing you will receive those columns in Excel, please refer back to the above Search Results Grid.



**Report**

Page: 1 of 1

Automatic Zoom

**Learner Encounter Notes**

**Valley Forge Training**

Learner	Session	Case/Scenario	Type	Date	Status
10, Learner	Test lab - 11/10/2015 12:55 PM	Smoking Cessation	Post Encounter	11/10/2015	Scored
3, Learner	Smoking Cessation - 11/6/2015 3:00 PM	Smoking Cessation	Post Encounter	11/6/2015	Scored
4, Learner	Smoking Cessation - 11/6/2015 3:00 PM	Smoking Cessation	Post Encounter	11/6/2015	Scored

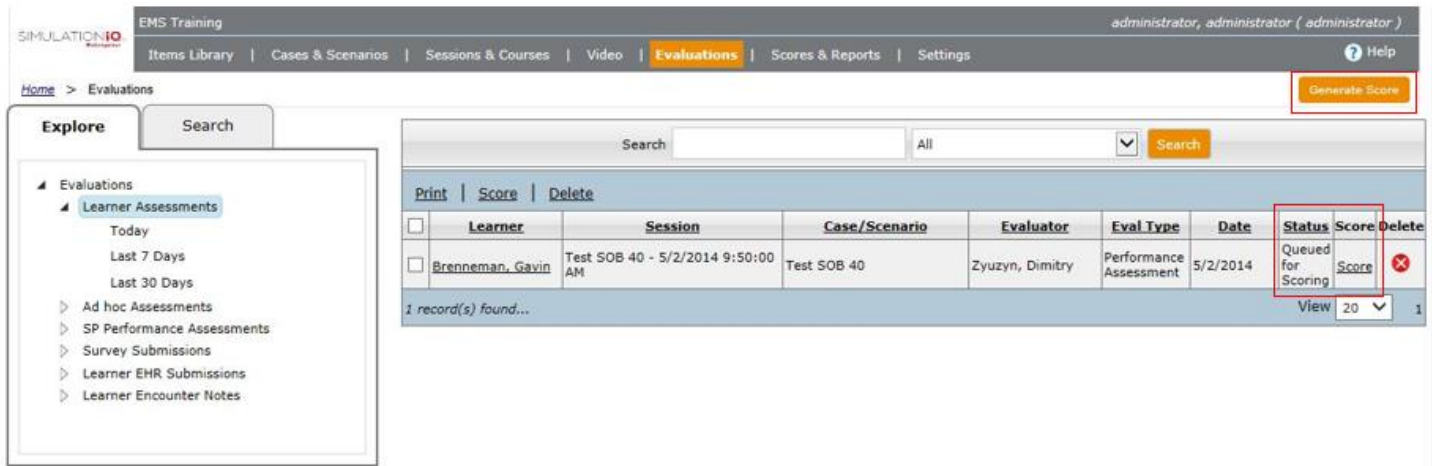
### *Delete an Evaluation*

Click the learner checkbox and select **Delete** to remove the user.

### *View the Score*

Click on the Score link in the grid under the **Score** column.

## Queuing for Automatic/Manual Scoring



EMS Training administrator, administrator ( administrator )

Items Library | Cases & Scenarios | Sessions & Courses | Video | **Evaluations** | Scores & Reports | Settings

Home > Evaluations

Generate Score

Search [ ] All [v] Search

Print | Score | Delete

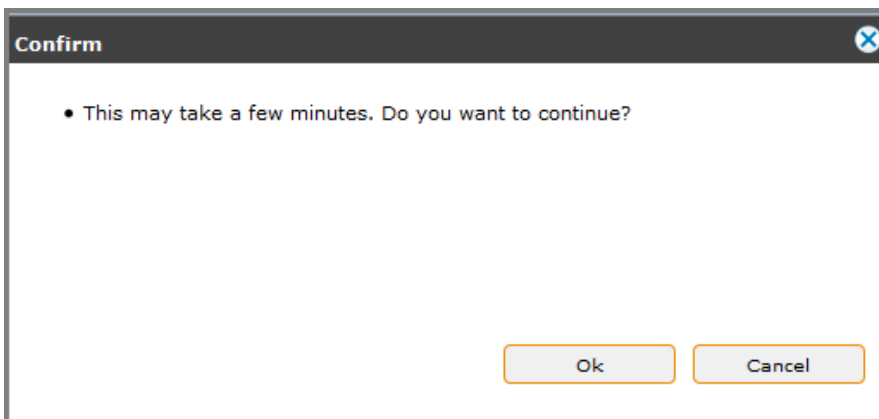
<input type="checkbox"/>	Learner	Session	Case/Scenario	Evaluator	Eval Type	Date	Status	Score	Delete
<input type="checkbox"/>	Brenneman, Gavin	Test SOB 40 - 5/2/2014 9:50:00 AM	Test SOB 40	Zyuzyn, Dmitry	Performance Assessment	5/2/2014	Queued for Scoring	<a href="#">Score</a>	

1 record(s) found...

View 20 1

If an evaluation has not yet been scored, it can be manually scored by clicking on the score hyperlink under the **Score** column (see above). The evaluation page will display (shown below). SIMULATIONiQ Enterprise automatically scores the responses (Scores > Generate Scores) Multiple Choice, Yes/No, Select One of the Options, and keyword questions. Text answers need to be manually scored. The parameters for the automatic scoring are defined during the case definition where each response is given a score and a weight.

**Note:** Press the **Generate Score** button to generate all pending scores. After pressing the button, a message appears asking if you want to continue. Press **OK** to proceed and generate the scores (see below).



**Confirm**

- This may take a few minutes. Do you want to continue?

Ok Cancel

**Scoring column**

**Questionnaire with response**

On the evaluation page, manually score an evaluation by reviewing the question and response and then applying the appropriate score in the scoring column (see above). Click **Finish** to submit the scored evaluation.

### Additional Assessment Information

- An evaluation checklist can be comprised of study documents, computer exercises, questionnaire, and SOAP Notes.
- Checklist questions may also be stored in the Items Library by creating the question and then clicking the **Add to Items Library** button. This adds them to the database and makes them available for use in any case or scenario at any time.
- Checklists are then applied to a case or scenario by attaching them in to the Evaluation Summary and the Learner Assessment sections of that case or scenario's Activity Page. Then, the person responsible for completing the Checklist will have it on their Dashboard's To-Do List when they log in.



- For Checklist questions and Categories to be added to an Assessment, their status needs to be set to Active; the status for Checklists need to Complete.
- Checklist scores can be extracted by various categories, not just by scenario (see the Evaluation Comparison Report or the Evaluation Response Report in the Scores & Reports User Guide).
- Checklists can also be used for a Survey, which is not graded, but the data can be collected for reports. (see Survey Analysis report in Scores & Reports, Analyze Statistics, Survey Analysis Report)

## ***Learner Assessments***

### ***Application Workflow – Learner Assessments***

View completed evaluation checklists submitted by evaluators (evaluators can be SPs and educators). Enter the Search criteria in the text box and press the **Search** button to access selected evaluations (or click the **Learner Evaluation** links in the Explore column and the landing page). Click the Learner hyperlink to access the evaluation from the following grid:

SIMULATIONiQ Enterprise provides the capability to view pending Learner Assessments by date range; an administrator can now access and enter responses for all pending evaluations.

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**SIMULATIONiQ Enterprise** Kannan, Senthamarai ( s.kannan )

Items Library | Cases & Scenarios | Sessions & Courses | Video | **Evaluations** | Scores & Reports | Settings ? Help

Home > Evaluations Generate Score

**Explore** Search

- ▲ Evaluations
  - ▲ Learner Assessments
    - Today
    - Last 7 Days
    - Last 30 Days
    - ▷ Pending
    - ▷ Ad hoc Assessments
    - ▷ SP Performance Assessments
    - ▷ Survey Submissions
    - ▷ Learner EHR Submissions
    - ▷ Learner Encounter Notes

Search  All Search

Print | Score | Delete

<input type="checkbox"/>	Learner	Session	Case/Scenario	Evaluator	Eval Type	Date	Status	Score	Delete
<input type="checkbox"/>	!Bhatt, Alia	!laparoscopic surgery - 11/3/2014 3:17 AM	!dengue fever	!Olsen, Elizabeth	Performance Assessment	11/3/2014	Require Manual Scoring	Score	✖
<input type="checkbox"/>	!Francesca, Christine	!laparoscopic surgery - 11/3/2014 3:17 AM	!dengue fever	!Olsen, Elizabeth	Performance Assessment	11/3/2014	Require Manual Scoring	Score	✖
<input type="checkbox"/>	!Davis, Taylor	!laparoscopic surgery - 11/3/2014 3:17 AM	!dengue fever	!Olsen, Elizabeth	Performance Assessment	11/3/2014	Require Manual Scoring	Score	✖

3 record(s) found...
View 20 1

Column	Description
<b>Learner</b>	This is the name of the student in the evaluation.
<b>Session</b>	These are the details of the session scheduled for this case.
<b>Case /Scenario</b>	This is the name of the case against which the student will be evaluated.
<b>Evaluator</b>	This is the name of the evaluator in the case; this can be either an SP or faculty, or both.
<b>Evaluation Type</b>	<p>Evaluation Types are:</p> <ul style="list-style-type: none"> <li>• Learner Pre-encounter</li> <li>• Learner Post-encounter</li> <li>• Learner Self-Assessment</li> <li>• Survey</li> <li>• Performance Assessment</li> </ul> <p>SP Performance Assessments are used in SP Cases, not scenarios; this is where an Evaluator rates the SP's performance in a case.</p>
<b>Date</b>	This is the date of the assessment.
<b>Status</b>	This is the status of the assessment (either Scored, Queued for Scoring, or Require Manual Scoring).
<b>Score</b>	Click this link to score the assessment or to view the score.
<b>Delete</b>	Click here to delete the assessment.

**Note:** Assessments are automatically scored every 30 minutes if they are responses that have a score and weight value. To score immediately, click on the Generate Score button to score any pending evaluations.

If they are text responses, such as an essay type response, SOAP notes, or EHR exercises, they need to be manually scored by clicking on the **Score** column at the Evaluations landing page and inputting the score manually.

## Reporting Recommendations:

The following reports are recommended when utilizing Learner Assessments and can be found at the following location within SIMULATIONiQ:

Access Scores & Reports / Analyze Score:

Evaluation Comparison, Evaluation Response, Score

Access Scores & Reports / Analyze Statistics:

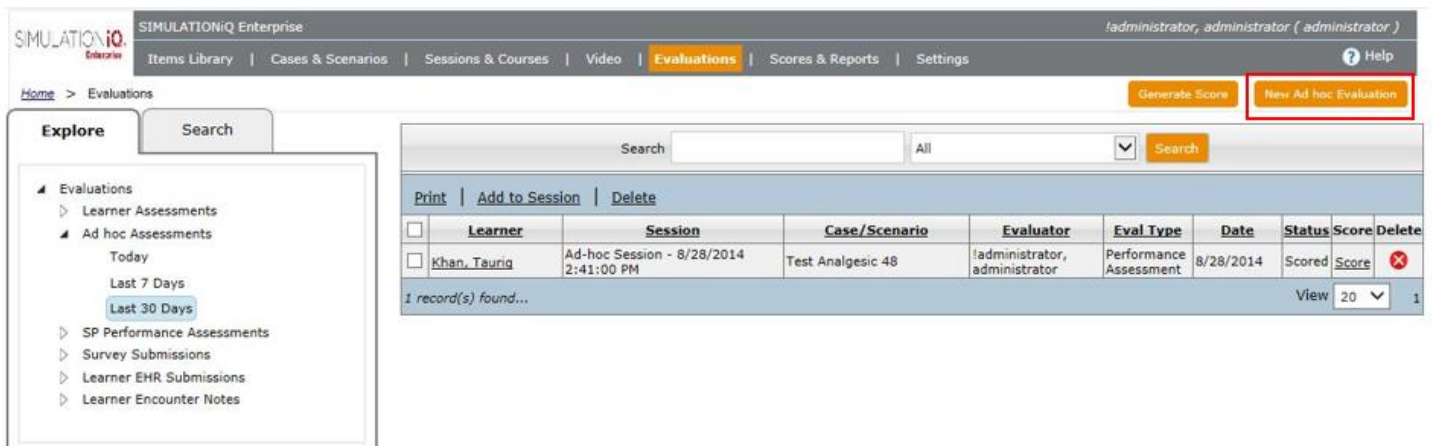
Item Analysis, Performance Statistics, Standardized Score

## Ad Hoc Assessments

## Application Workflow

Ad Hoc evaluations allow unscheduled evaluators to submit checklists either for an already scheduled session, or for an unscheduled, on-the-spot (Ad-hoc) session. Any evaluator who is not assigned to a session can submit a checklist by selecting the session, case, and learner. Also, an unplanned session recording can be started and stopped from this window.

Ad Hoc evaluations can be generated from the following location:



The screenshot shows the SIMULATIONiQ Enterprise web application. The top navigation bar includes links for Items Library, Cases & Scenarios, Sessions & Courses, Video, Evaluations (highlighted), Scores & Reports, and Settings. The user is logged in as 'administrator, administrator (administrator)'. The 'Evaluations' section is active, showing a search bar and a table of evaluations. The 'New Ad hoc Evaluation' button is highlighted with a red box. The table lists one record for a learner named 'Khan, Taurig' in an 'Ad-hoc Session - 8/28/2014' for 'Test Analgesic 48', evaluated by 'administrator, administrator' on '8/28/2014'.

	Learner	Session	Case/Scenario	Evaluator	Eval Type	Date	Status	Score	Delete
<input type="checkbox"/>	Khan, Taurig	Ad-hoc Session - 8/28/2014 2:41:00 PM	Test Analgesic 48	administrator, administrator	Performance Assessment	8/28/2014	Scored	Score	

1 record(s) found... View 20 1

**To view an Ad-hoc Assessment:** Press the Ad-hoc Assessments link in the upper right corner of the landing page (or click the Ad-hoc Assessments link in the Explore column).

**To Create a new Ad-hoc Evaluation:** Click the New button on the landing page or the New Ad-hoc Evaluation button on the top right of the Ad-hoc Search Results Page (shown above).

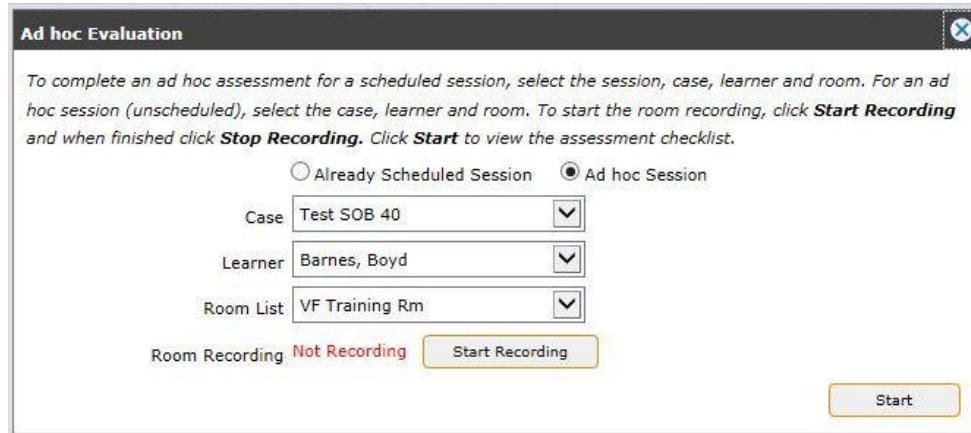
**To select All sessions:** Click the upper left checkbox in the corner of the grid.

View the following from this grid:

Column	Description
<b>Learner</b>	This is the name of the student in the evaluation.
<b>Session</b>	These are the details of the session scheduled for this case.
<b>Case /Scenario</b>	This is the name of the case against which the student will be evaluated.
<b>Evaluator</b>	This is the name of the evaluator in the case; this can be either an SP or faculty, or both.
<b>Evaluation Type</b>	This is the learner evaluation type as defined by the SP case or scenario.
<b>Date</b>	This is the date of the assessment.
<b>Status</b>	This is the status of the assessment (either Scored, Queued for Scoring, or Require Manual Scoring).
<b>Score</b>	Click this link to score the assessment or to view the score.
<b>Delete</b>	Click here to delete the assessment.

### Create an Ad Hoc Checklist

Evaluators can also use this functionality to submit ad-hoc checklists without a defined session schedule, as shown below (click the **New Ad-hoc Evaluation** button in the upper-right corner of the landing page).



You can also associate the Ad-hoc evaluation with an already-scheduled session. Click **Start** and **Stop Recording** of the session as appropriate (button toggles). Click **Start** to begin the evaluation checklist.

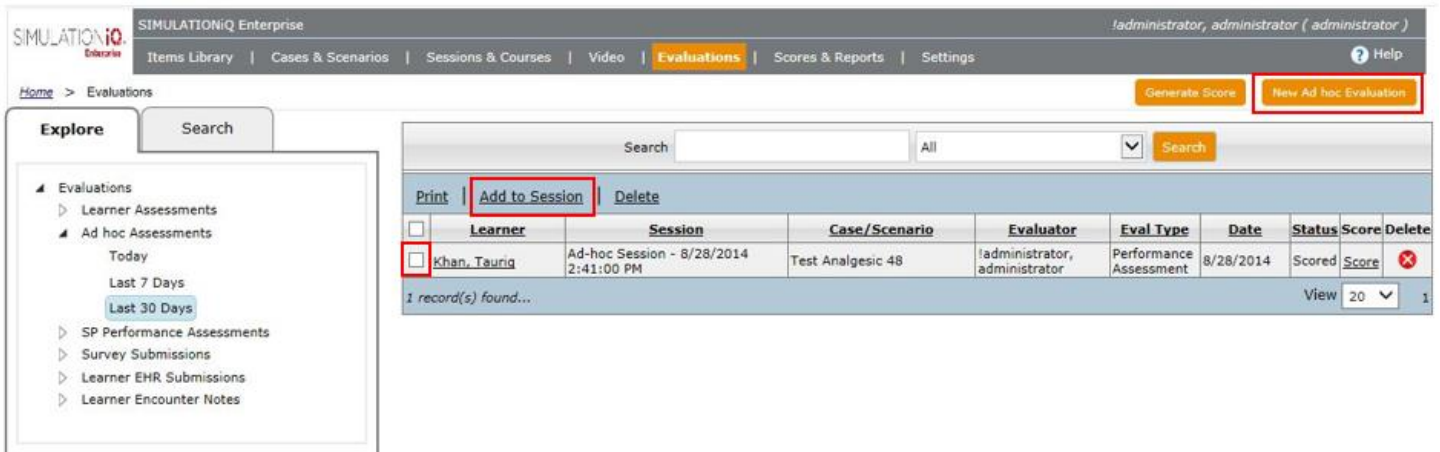
#### To add an evaluation to a session:

Add one or more ad-hoc evaluation(s) to an existing session. First, select an existing session by clicking on the checkbox next to the session link in the Ad-hoc Search Result grid, then; click the Add to Session link in the Action bar. Select an Existing Session and select the session name. The Date and Time will automatically populate. Select the Option to be added as a Prime Evaluator (if applicable) so that scores are used in the final score generation. Click Add. Repeat to add additional evaluations to this session.

#### To add a new session:

To add a new session, perform the steps as indicated based on the screen shot below:

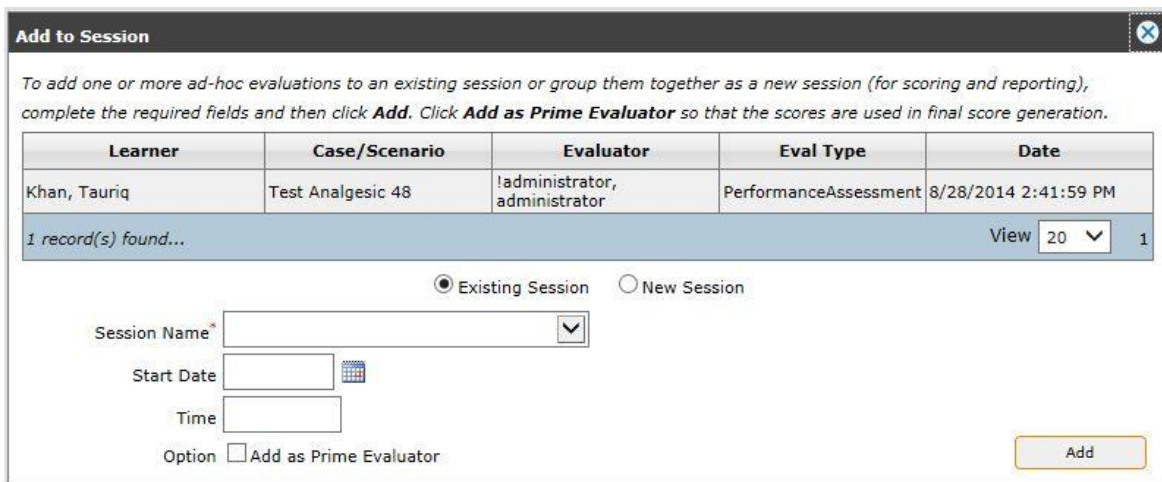




The screenshot shows the SIMULATIONiQ Enterprise interface. The top navigation bar includes 'Items Library', 'Cases & Scenarios', 'Sessions & Courses', 'Video', 'Evaluations' (highlighted), 'Scores & Reports', and 'Settings'. The 'Evaluations' section is active, showing a table of evaluations. The 'Add to Session' link in the action bar is highlighted. The table contains one record for 'Khan, Tauriq' with a score of 20.

Learner	Session	Case/Scenario	Evaluator	Eval Type	Date	Status	Score	Delete
Khan, Tauriq	Ad-hoc Session - 8/28/2014 2:41:00 PM	Test Analgesic 48	administrator, administrator	Performance Assessment	8/28/2014	Scored	20	X

Add a new session or group with an existing session so that they are together as a new session (for scoring and reporting). First, select an existing session by clicking on the checkbox next to the session link in the Ad-hoc Search Result grid, then; click the **Add to Session** link in the Action bar.



The 'Add to Session' dialog box is shown. It contains a table with one record for 'Khan, Tauriq' with a score of 20. Below the table, the 'Existing Session' radio button is selected. The 'Add as Prime Evaluator' checkbox is also selected. The 'Add' button is visible at the bottom right.

Learner	Case/Scenario	Evaluator	Eval Type	Date
Khan, Tauriq	Test Analgesic 48	administrator, administrator	PerformanceAssessment	8/28/2014 2:41:59 PM

1 record(s) found... View 20 1

Existing Session New Session

Session Name\*

Start Date

Time

Option ☒ Add as Prime Evaluator

Add

Select the **New Session** radio button and type in the Session Name, select a Start Date, and input a time (Duration will also need to be added for a new session). Select the Option to be added as a Prime Evaluator (if applicable) so that scores are used in the final score generation. Click **Add**. The added session will be listed in Session Calendar.

### ***Reporting Recommendations:***

The following reports are recommended when utilizing Ad Hoc Assessments and can be found at the following location within SIMULATIONiQ:

Access Scores & Reports / Analyze Score:

Evaluation Comparison, Evaluation Response, Score

Access Scores & Reports / Analyze Statistics:

Item Analysis, Performance Statistics, Standardized Score

### ***SP Performance Assessments***

#### ***Application Workflow***

An SP's performance can be assessed by assigning an evaluator to view the video and complete the SP Performance Assessment included in the Case's Activity Page. The assigned evaluator could be an educator or another SP.

After the session is completed, the evaluator can access the video from the SIMULATIONiQ Enterprise toolbar, as follows:

EMS Training administrator, administrator ( administrator )

Items Library | Cases & Scenarios | Sessions & Courses | **Video** | Evaluations | Scores & Reports | Settings

Home > Video Upload Videos

**Explore** Search

- Video
  - Playback
    - Date
      - Today
      - Last 2 Days
      - Last 7 Days
      - Last 14 Days
      - Last 21 Days
      - Last 30 Days
    - Indexed
    - Non Indexed
    - Rooms
    - Bookmarks
    - Live
    - Bookmarks

Search  All Search

[Print](#) | [Delete](#) | [Video Access](#) | [Lock](#) | [Unlock](#)

	Date	Room	Session	Case/Scenario	Learner	SP	Evaluator	Delete
<input type="checkbox"/>	5/5/2014 12:01:30 PM	VF Training Rm	Test SOB 40 PM	Test SOB 40	Fiddich, Glen	Walsh, Greg	Blackburn, Darrin	
<input type="checkbox"/>	5/5/2014 11:48:46 AM	Brandywine						

2 record(s) found... View 1 1

Click the **Date** hyperlink to open the Activity Page for the selected video.

**Note:** It is assumed that an SP Performance Assessment has been created for the case linked to the session in the video.

Click the SP Assessment button to begin the SP Assessment.

**[-] Evaluation** [Table of Contents](#) | [Top](#)

To view evaluations, search by keyword and then click **Search**. Click on the Learner ID to evaluate the learner.

Pending SP Assessment

Search  All Search

[Print](#)

Picture	Learner	Session	Case\Scenario	Type
No record(s) found...				

Completed SP Assessment

Search  All Search

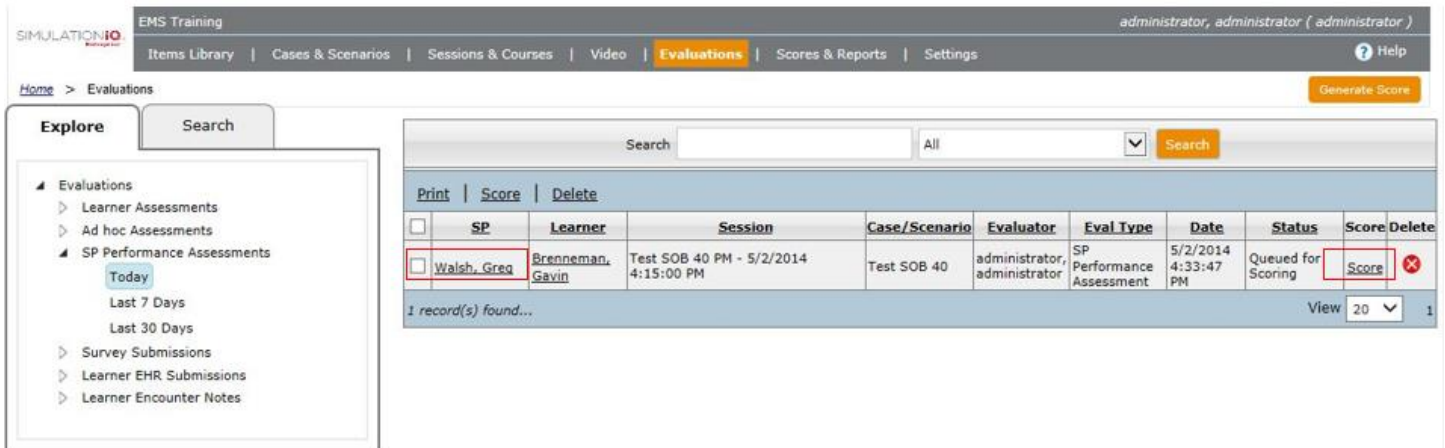
[Print](#)

<input type="checkbox"/>	Picture	Learner	Session	Case\Scenario	Evaluator	Type	Eval. Date	Delete
No record(s) found...								

Completed the assessment and press **Finish**.

The screenshot displays the SIMULATIONiO Enterprise assessment interface. At the top, the EMS and SIMULATIONiO Enterprise logos are visible. The main content area is titled 'Questionnaire' and contains four assessment questions. The first question is under the 'Knowledge' tab, and the others are under the 'Communication Skills' tab. Each question has radio button options for performance levels and a 'Hide Comments' link. To the right of the questionnaire is a 'Video' section with a 'Quick Access' tab. It shows a video feed of a simulation with multiple camera views (VF\_Cam1, VF\_Cam2, VF\_Cam3, VF\_Vita...). Below the video is an 'Add Bookmark' section with a dropdown menu for 'Bookmark Group' set to 'TEST DEFAULT'. At the bottom right is a 'Bookmarks' table with columns for 'Time', 'Bookmark', 'Type', and 'Delete'. The table is currently empty, displaying 'No record(s) found...'. Navigation buttons like 'Print', 'Save Changes', and 'Finish' are located at the top right of the questionnaire area.

For an evaluator to view the SP Performance Assessment, click the hyperlink on the landing page (below). You can also click the SP Performance Assessments hyperlink in the Explore column to select an assessment from another date range. The following results appear:



View the following from this grid:

Column	Description
<b>SP</b>	This is the name of the SP being evaluated.
<b>Learner</b>	This is the name of the learner in the SP session.
<b>Session</b>	These are the details of the session scheduled for this case.
<b>Case / Scenario</b>	This is the name of the case against which the student will be evaluated.
<b>Evaluator</b>	This is the name of the evaluator in the case; this can be either an SP or faculty, or both.
<b>Evaluation Type</b>	This is the learner evaluation type (Self, Peer, or Educator). <ul style="list-style-type: none"> <li>SPs cannot delete responses.</li> <li>SPs can view their own checklist submissions, but editing or submitting missing responses is based on parameter setup ("Allow Partial Checklist Submission" and "Allow Editing Submitted Responses").</li> </ul>
<b>Date</b>	This is the date of the assessment.
<b>Status</b>	This is the status of the assessment (either Scored, Queued for Scoring, or Require Manual Scoring).
<b>Score</b>	Click this link to score the assessment or to view the score.
<b>Delete</b>	Click here to delete the assessment.

From here, the assessment can be scored by clicking the hyperlink in the **Score** column (above).

### Reporting Recommendations:

The following reports are recommended when utilizing SP Performance Assessments and can be found at the following location within SIMULATIONiQ:

Access Scores & Reports / Analyze Score:

Evaluation Response

Access Scores & Reports / Analyze Statistics:

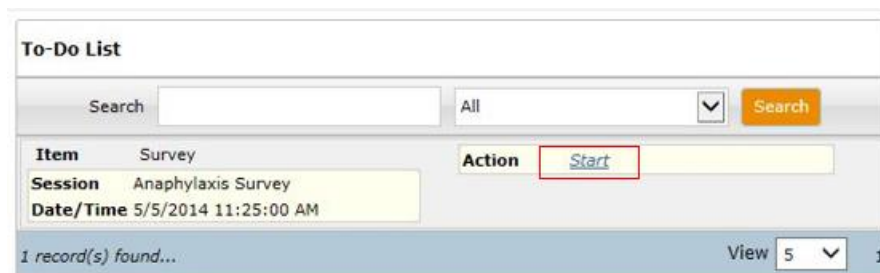
Advanced Statistics (Kappa Statistics, Alpha Coefficient), SP Performance

## Survey Submissions

## Application Workflow

Surveys can be associated with a Case or Scenario in SIMULATIONiQ Enterprise (as part of Learner Assessment), or they can be created independently at the Session level.

A learner can access a survey for completion generated by a case author and/or evaluator by clicking on a dashboard link as shown below:



The screenshot shows a 'To-Do List' interface. At the top, there is a search bar with the text 'Search' and a dropdown menu set to 'All'. Below this is a table with the following content:

Item	Survey	Action
Session	Anaphylaxis Survey	<a href="#">Start</a>
Date/Time	5/5/2014 11:25:00 AM	

At the bottom of the table, it says '1 record(s) found...'. To the right of the table, there is a 'View' dropdown menu set to '5' and a page number '1'.

From here, the survey appears as follows:



Home > Evaluation

Session Anaphylaxis Survey

Khan, Tauriq

Save Changes Finish

Hide All Comments Hide All Questions

**Questionnaire**

Survey

1. Did this session meet the needs of the patient? \*

☒ Yes ☐ No

Hide Comments

2. On a scale of 1-4, rate the effectiveness of this session in terms of skill improvement. \*

1=not effective  
2=somewhat effective  
3=effective  
4=very effective

☐ 1 ☒ 2 ☐ 3 ☐ 4

Hide Comments

General Comments

Save Changes Finish

**Quick Access**

Responded to 2 out of 2

☒ 1. Did this session meet the needs of t...

☒ 2. On a scale of 1-4, rate the effectiv...

After the learner completes the survey and presses **Finish**, the survey appears in the Evaluations grid, as shown below:

EMS Training administrator, administrator ( administrator )

Items Library | Cases & Scenarios | Sessions & Courses | Video | **Evaluations** | Scores & Reports | Settings

Home > Evaluations

Generate Score

**Explore** Search

- ▲ Evaluations
  - ▶ Learner Assessments
  - ▶ Ad hoc Assessments
  - ▶ SP Performance Assessments
  - ▲ Survey Submissions
    - Today
    - Last 7 Days
    - Last 30 Days
  - ▶ Learner EHR Submissions
  - ▶ Learner Encounter Notes

Search [ ] All [v] Search

Print

	Survey Type	Survey	Submitted By	Date
<input checked="" type="checkbox"/>	General Survey	Anaphylaxis Survey	Khan, Tauriq	5/5/2014

1 record(s) found... View 5 1

Enter the following search criteria in the text box and press the **Search** button to view selected surveys:

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Column	Description
<b>Survey Type</b>	This shows if the survey is an Encounter Level, Session Level, or General Survey. <ul style="list-style-type: none"> <li>The Encounter-level survey is attached with the case and submitted at the end of the post-encounter.</li> <li>The Session-level survey is attached with the session and submitted at the end of the last post encounter (end of the session).</li> <li>The General survey is published by the administrators and can be anonymous or identified.</li> </ul>
<b>Survey Name</b>	This is the name of the survey (this can be identified with a session or encounter).
<b>Submitted By</b>	This is the name of the individual who completed the survey.
<b>Date</b>	This is the date the survey was submitted.

Click the **Survey Type** link to open the detailed, checked response page that allows viewing and printing the details.

The person who submitted the survey or administrator can see the survey responses, but no one can edit or delete the responses.

### **Reporting Recommendations:**

The following reports are recommended when utilizing Survey Submissions and can be found at the following location within SIMULATIONiQ:

Access Scores & Reports / Analyze Statistics:

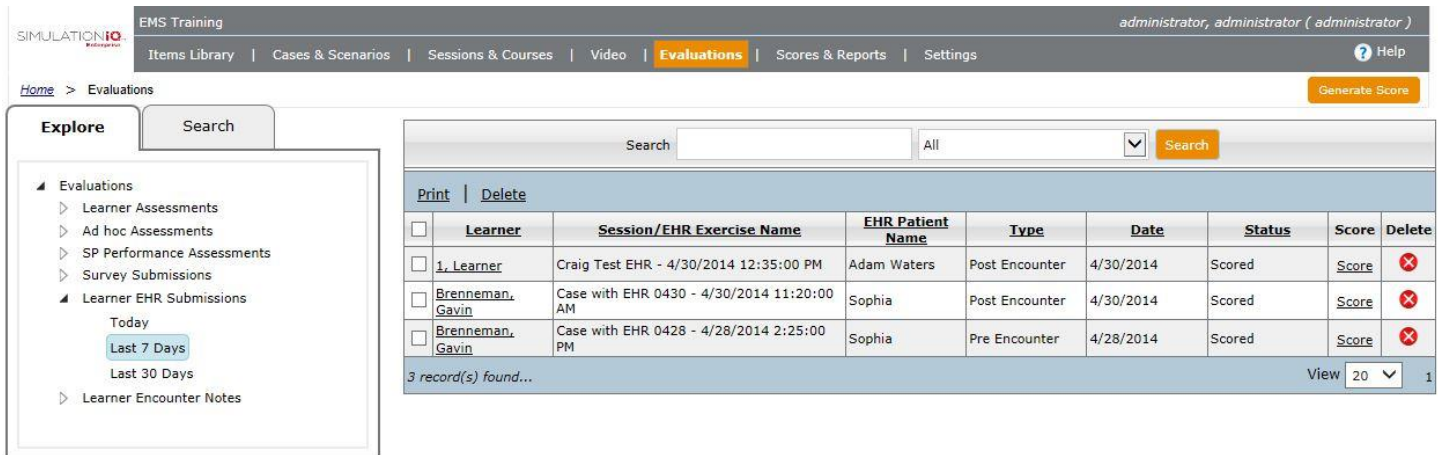
Survey Analysis

### **Learner EHR Submissions**

### **Application Workflow**

To view an evaluation of an EHR patient, press the Learner EHR Submission link on the landing page (or click the Learner EHR Submission link in the Explore column).

The following grid appears:



EMS Training administrator, administrator ( administrator )

Items Library | Cases & Scenarios | Sessions & Courses | Video | **Evaluations** | Scores & Reports | Settings

Home > Evaluations Generate Score

Explore Search

Evaluations
 

- Learner Assessments
- Ad hoc Assessments
- SP Performance Assessments
- Survey Submissions
- Learner EHR Submissions**
  - Today
  - Last 7 Days**
  - Last 30 Days
  - Learner Encounter Notes

Search [ ] All [v] Search

Print | Delete

<input type="checkbox"/>	Learner	Session/EHR Exercise Name	EHR Patient Name	Type	Date	Status	Score	Delete
<input type="checkbox"/>	1. Learner	Craig Test EHR - 4/30/2014 12:35:00 PM	Adam Waters	Post Encounter	4/30/2014	Scored	<a href="#">Score</a>	<a href="#">X</a>
<input type="checkbox"/>	<a href="#">Brenneman, Gavin</a>	Case with EHR 0430 - 4/30/2014 11:20:00 AM	Sophia	Post Encounter	4/30/2014	Scored	<a href="#">Score</a>	<a href="#">X</a>
<input type="checkbox"/>	<a href="#">Brenneman, Gavin</a>	Case with EHR 0428 - 4/28/2014 2:25:00 PM	Sophia	Pre Encounter	4/28/2014	Scored	<a href="#">Score</a>	<a href="#">X</a>

3 record(s) found... View 20 1

Enter the following search criteria in the text box and press the **Search** button to view selected evaluations:

Column	Description
<b>Learner</b>	This is the name of the learner associated with the evaluation.
<b>Session/EHR Exercise Name</b>	These are the details of the session scheduled for this case.
<b>EHR Patient Name</b>	This is the name of the EHR patient associated with the evaluation.
<b>Type</b>	This is the type of EHR assessment.
<b>Date</b>	This is the date of the EHR assessment.
<b>Status</b>	This is the status of the assessment (either Scored, Queued for Scoring, or Require Manual Scoring).
<b>Score</b>	Click this link to score the evaluation.
<b>Delete</b>	Click here to delete the evaluation.

This functionality is used to evaluate student performance with a virtual EHR patient associated with a case or scenario as part of pre or post-encounter evaluation.

**Note:** EHR is a separate packaged product that is only enabled if the client purchases the EHR module.

### ***Reporting Recommendations:***

The following reports are recommended when utilizing Learner EHR Submissions and can be found at the following location within SIMULATIONiQ:

Access Scores & Reports / Analyze Score:

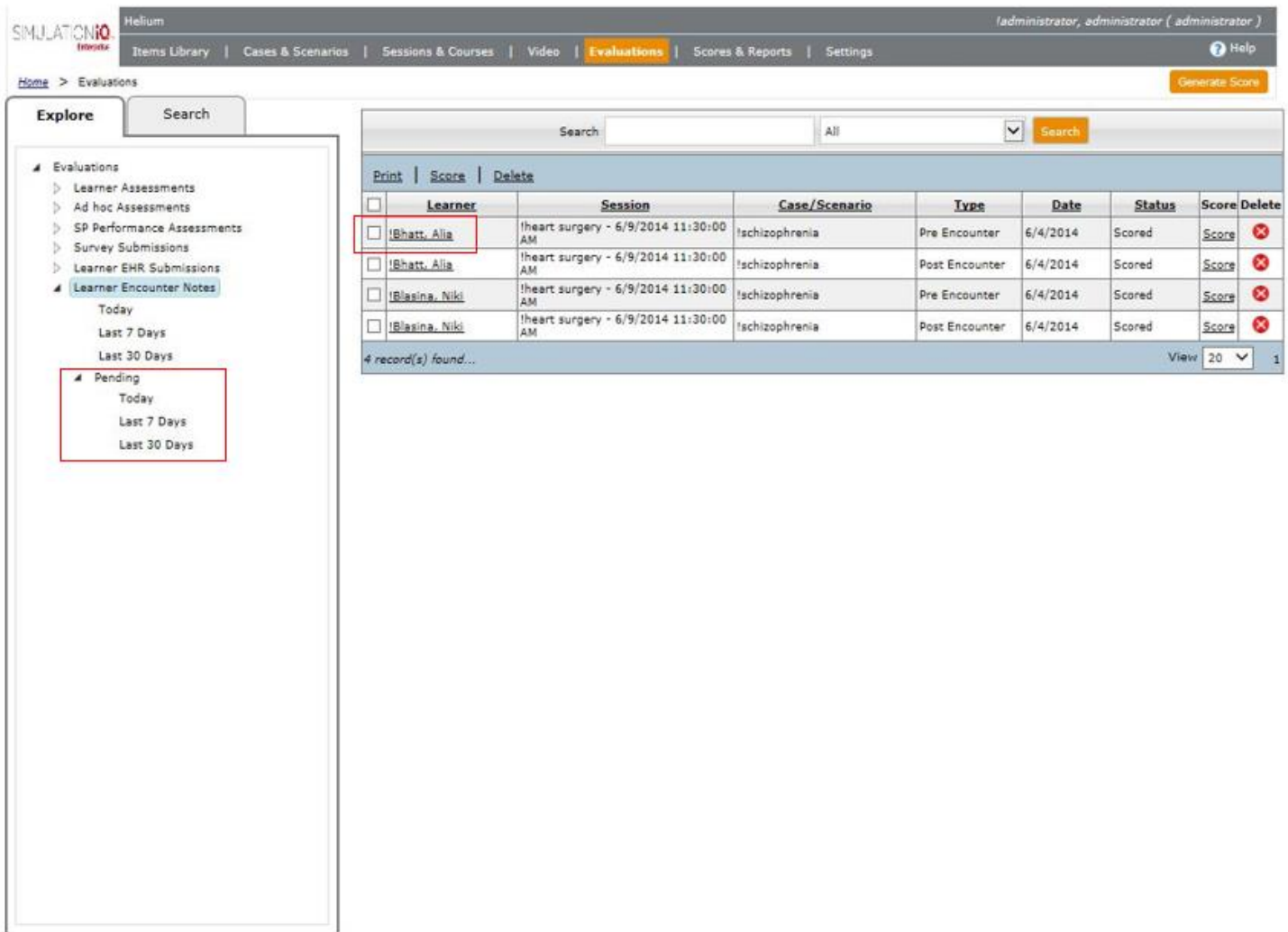
Evaluation Response, Score

### ***Learner Encounter Notes***

### ***Application Workflow***

To view learner pre and post-encounter notes, press the Learner Encounter Note link on the landing page (or click the Learner Encounter Notes link in the **Explore** column).

The following grid appears:



Helium | administrator, administrator ( administrator )

Items Library | Cases & Scenarios | Sessions & Courses | Video | **Evaluations** | Scores & Reports | Settings | Help

Home > Evaluations

Generate Score

Explore | Search

Search [ ] All [v] Search

Print | Score | Delete

<input type="checkbox"/>	Learner	Session	Case/Scenario	Type	Date	Status	Score	Delete
<input type="checkbox"/>	IBhatt, Alia	Heart surgery - 6/9/2014 11:30:00 AM	Ischizophrenia	Pre Encounter	6/4/2014	Scored	Score	
<input type="checkbox"/>	IBhatt, Alia	Heart surgery - 6/9/2014 11:30:00 AM	Ischizophrenia	Post Encounter	6/4/2014	Scored	Score	
<input type="checkbox"/>	IBlasina, Niki	Heart surgery - 6/9/2014 11:30:00 AM	Ischizophrenia	Pre Encounter	6/4/2014	Scored	Score	
<input type="checkbox"/>	IBlasina, Niki	Heart surgery - 6/9/2014 11:30:00 AM	Ischizophrenia	Post Encounter	6/4/2014	Scored	Score	

4 record(s) found... View 20 1

Evaluations
 

- Learner Assessments
- Ad hoc Assessments
- SP Performance Assessments
- Survey Submissions
- Learner EHR Submissions
- Learner Encounter Notes**
  - Today
  - Last 7 Days
  - Last 30 Days
- Pending
  - Today
  - Last 7 Days
  - Last 30 Days

SIMULATIONiQ Enterprise provides the capability to view pending Learner Encounter Notes by date range; an administrator can access and enter responses for all pending evaluations.

Enter the following search criteria in the text box and press the Search button to view selected evaluations:

Column	Description
<b>Learner</b>	This is the name of the learner being evaluated.
<b>Session</b>	These are the details of the session scheduled for this case.
<b>Case</b>	This is the name of the case/scenario against which the student will be evaluated.
<b>Type</b>	This is the type of encounter (either pre or post).
<b>Date</b>	This is the date of the assessment.
<b>Status</b>	This is the status of the assessment (either Scored, Queued for Scoring, or Require Manual Scoring).

<b>Score</b>	Click this link to score the evaluation.
<b>Delete</b>	Click here to delete the evaluation.

### ***Reporting Recommendations:***

The following reports are recommended when utilizing Learner Encounter Notes and can be found at the following location within SIMULATIONiQ:

Access Scores & Reports / Analyze Score:

Evaluation Response, Score

Access Scores & Reports / Analyze Statistics:

Item Analysis