

P.E.D.R.O. Simulation Student Users Guide

The P.E.D.R.O. simulation consists of a 3D hospital and conversation simulator and Web-based resources that you access with your browser. In this simulation, you will meet Pedro, a 13-year-old boy, and his family as they learn of his diagnosis of Type 2 Diabetes. In this simulated practice experience, you will complete the four steps of the Nutrition Care process for an inpatient and follow-up outpatient visit with Pedro, contribute in an inter-professional team meeting, and learn about billing and coding. While completing simulation, you will also gain real experience with professional practice resources: the Academy of Nutrition and Dietetics' Evidence Analysis Library (EAL) and Health Informatics Infrastructure (ANDHII) and the openEMR certified electronic health record.

With the aid of a preceptor to evaluate the results, this simulation is intended to contribute towards the supervised practice and competency requirements for Registered Dietitian Nutritionists. This guide includes instructions and links to additional resources for using the components of the simulation.

Prerequisite Setup

If you have never used [ANDHII](#), you should review the following introductory training videos before starting your simulation:

[Introduction: About ANDHII](#)

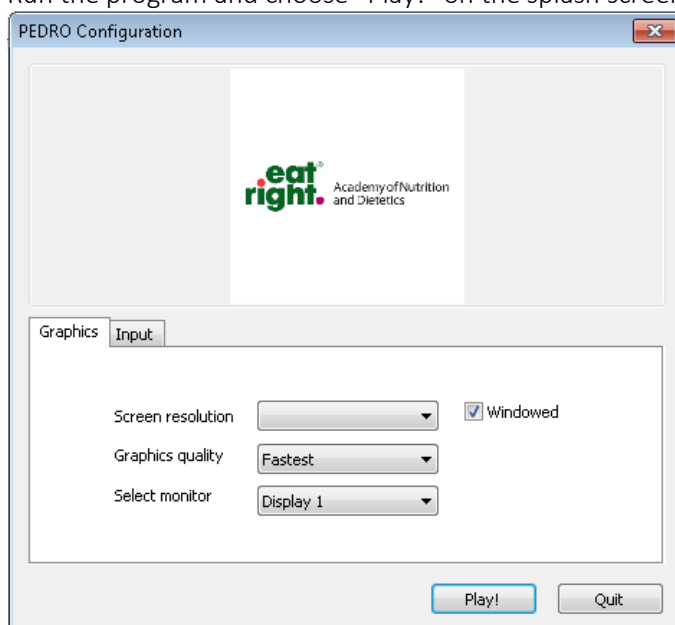
[Basics: Getting Started and Basic Functionality](#)

[Smart Visits: Recording Patient Care and Outcomes in ANDHII](#)

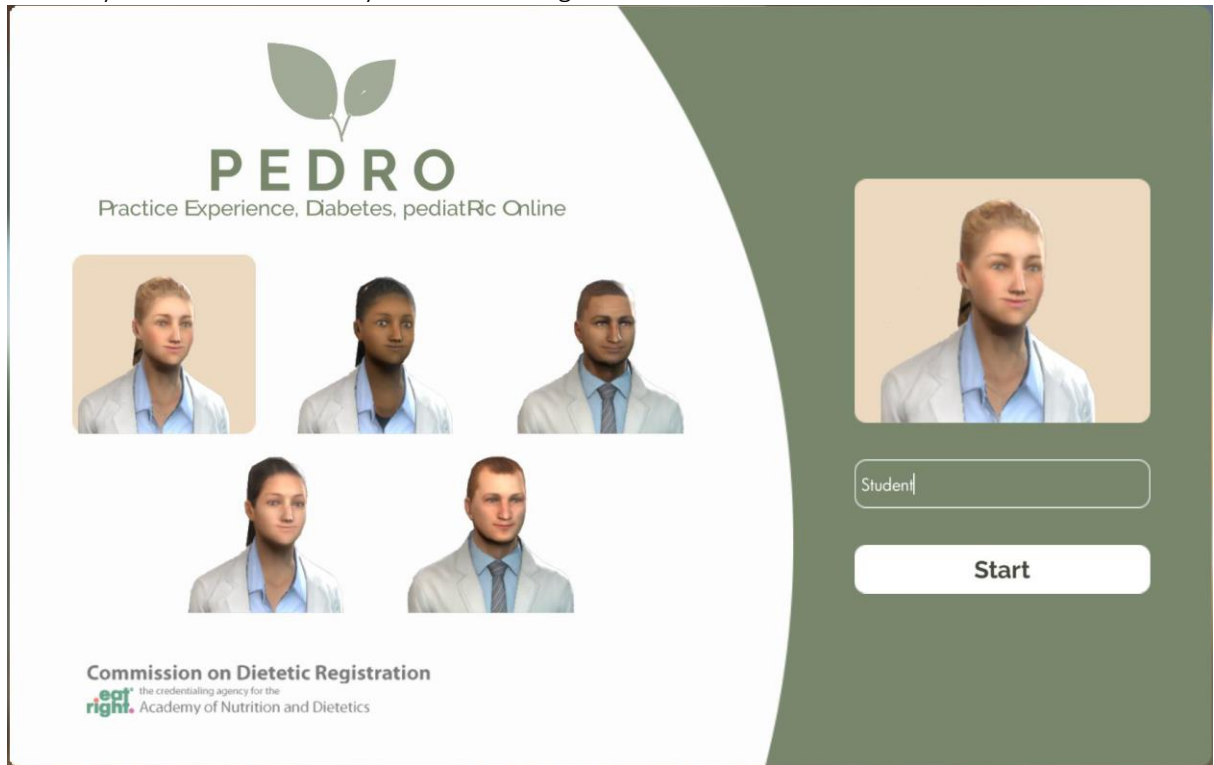
For additional assistance with using ANDHII, visit the ANDHII Help & Training Center at <https://www.andhii.org/info/>.

3D Simulation

1. Download the simulation program for your computer type at <https://eatrightfoundation.org/simulation>
2. Run the program and choose "Play!" on the splash screen



3. Choose your avatar and enter your name to begin the simulation



4. Use the arrow keys on your keyboard to navigate the virtual world and click with your mouse to interact with objects and to choose dialog options



Walk towards the elevator and point at its door with your mouse. The doors will highlight in blue to let you know they are interactive. Click to enter the elevator and proceed to the nutrition department offices

5. Walk up to another character to begin a conversation



Sarah, your virtual preceptor, will give you instructions and your patient assignment for the experience.

6. To access the external resources, click on the corresponding computer terminal.



The resources will open in your computer's Web browser. The simulation will be waiting for you in the background when you are ready to come back

7. Follow Sarah's instructions to complete all of the experiences in the simulation.
You can review the list of activities to complete at any time by clicking the (i) info button at the top of the screen

3D Simulation Evaluation

After completing the simulation, locate your log file to submit to your preceptor for evaluation. Follow the instructions below that apply to your computer operating system.

Windows PC

1. Open the "PEDRO_WIN64_12-11-17_Data" folder in the 3D simulation application folder
2. Answers_[your name]_[date].txt

Mac

3. Right-click on the 3D simulation application
4. Select the "Show Package Contents" option
5. Open the "contents" folder
6. Locate the log file named: Answers_[your name]_[date].txt

openEMR Electronic Medical Record

openEMR is a certified electronic medical record (EMR) that is available free and open-source thanks to a team of dedicated volunteers. This simulation provides this fully functional EMR customized for educational use, and you will use it to review Pedro's medical history.

1. Look for an invitation email from openemredu@eatright.org
Your preceptor will setup an account for you and send the invitation
2. Click the "Accept Invitation" link in the e-mail
You will be taken to the sign in page after your account is activated

OpenEMRedu

Commission on Dietetic Registration
the credentialing agency for the
eat right Academy of Nutrition and Dietetics

eat right Academy of Nutrition and Dietetics Foundation

You need to sign in or sign up before continuing. x

Sign in

Email

Password

Remember me

[Sign in](#)

[Forgot your password?](#)
[Didn't receive confirmation instructions?](#)

3. Click the "Forgot your password?" link to create a password for your account
You will receive an email with a link to create your new password

OpenEMRedu

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Forgot your password?

Email

[Send me reset password instructions](#)

[Sign in](#)
[Didn't receive confirmation instructions?](#)

4. Click the “Change my password” link in the e-mail you receive and create your password
Please heed the warning and choose a unique password for this site

OpenEMRedu     

Change your password






Notice: Do not reuse a password that you use for any other site. Passwords in this system are stored with limited security so that they can be the replicated for EMR assignment logins. To protect your other accounts, choose a new password that you only use on this site.

New password (3 or more characters)

Confirm new password

[Sign in](#)
[Didn't receive confirmation instructions?](#)

5. Click on the P.E.D.R.O Simulation assignment.
If your assignment does not appear, your preceptor may still be in the process of setting up the assignment. You will receive an e-mail once the assignment is ready.
6. Click “Login to OpenEMRedu Database” to access the electronic medical record (EMR) simulation



OpenEMRedu     

Instructor: Example Student (andhii@eatright.org)

Login: [Login to OpenEMRedu Database](#)

Case Study Information:

- [Pedro Diaz](#)

 | 

7. To login to the EMR , use the same e-mail address (username) and password you used above
You can bookmark this page to login directly to the EMR in the future

The image shows the OpenEMR login form. On the left is a caduceus symbol. To the right are input fields for "Username:", "Password:", and "Language:" (set to "Default - English (Standard)"). A "Login" button is below. At the bottom right, it says "v4.1.2-dev | Acknowledgments, Licensing and Certification".

8. Click on "Patients" to see the patient listing

The image shows the OpenEMR patient listing interface. At the top, there are buttons for "NEW PATIENT" and "PATIENTS" (circled in red). To the right are links for "Home | Manual" and a "Logout" button. Below this is a "Show Menu" button and the text "Example Student". The main area shows a calendar for "Wednesday, October 18, 2017" with time slots from 8:00 to 10:00. A "Providers" list is on the left, and a "Message and Reminder Center" is at the bottom with "Reminders" and "Messages" sections.

9. Click on Pedro's name to open his record

NEW PATIENT PATIENTS Home | Manual Logout
Show Menu Example Student

Show 10 entries Search all columns:

Full Name	Home Phone	SSN	Date of Birth	External ID
Diaz, Pedro		654-98-3214	2004-06-20	1

Open in New Window Showing 1 to 1 of 1 entries Previous Next

Message and Reminder Center

Reminders
Show Reminders

Messages (See All)

10. Click on the encounter to access the notes

NEW PATIENT PATIENTS Patient: Pedro Diaz (1) Encounter History Home | Manual Logout
Show Menu DOB: 2004-06-20 Age: 13 Example Student

Diaz, Pedro Delete
History | Report | Documents | Transactions | Issues

Billing (expand)
Edit Demographics (expand)
Edit Notes (expand)
Edit Patient Reminders (expand)

Past Encounters and Documents (To Billing View) Results per page: 20
1-1 of 1

Date	Issue Reason	Form	Provider	Billing	Insurance
2014-11-14	Patient Summary: Patient is a 13 year-old Hispanic male who presented to the ER feeling nauseous and faint. Mom reports Pedro has been disoriented for 6 hours.	Notes Results Review MD History and Physical Doc. Flowsheets Intake / Output Notes			2014-11-14

11. Click on "Expand" to view each note

The screenshot shows a patient record for Pedro Diaz (1) with the following details:

- NEW PATIENT** | **PATIENTS** | Patient: **Pedro Diaz (1)** | Encounter History | Home | Manual | Logout
- Show Menu** | **DOB: 2004-06-20 Age: 13** | Selected Encounter: **2014-11-14 (87)** | **Example Student**

The record is organized into several sections, each with an **Edit** button and an **(expand)** link:

- Diaz, Pedro** (Delete)
- Billing** (expand)
- Demographics** (expand)
- Notes** (expand)
- Patient Reminders** (expand)

Below these sections, there is a list of notes and other items, each with an **Edit** button, a **Delete** button, and an **(Expand)** link:

- Notes by** (Expand) - This **(Expand)** link is circled in red.
- Results Review by** (Expand)
- MD History and Physical by** (Expand)
- Doc Flowsheets by** (Expand)
- Intake / Output by** (Expand)

A sidebar on the right contains a checklist:

- Provided Clinical Summary?
- Transition/Transfer of Care?
- Medication Reconciliation Performed?

Academy of Nutrition and Dietetics Health Informatics Infrastructure (ANDHII)

You will use ANDHII to document your simulated nutrition care using the Nutrition Care Process and Terminology. You can create a free ANDHII account using your Academy membership at <https://andhii.org/Account/Register>. For assistance with using ANDHII, visit the ANDHII Help & Training Center at <https://www.andhii.org/info/>

After completing an ANDHII entry, you will create a summary report for submission to your preceptor.

1. Click “Finalize Entry” at the bottom of the entry

Diagnosis	Monitors								
increased energy expenditure	<table border="1"><thead><tr><th></th><th>Value</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/> finding of nausea</td><td>Present</td></tr><tr><td><input checked="" type="checkbox"/> finding of vomiting</td><td>Absent</td></tr><tr><td></td><td></td></tr></tbody></table>		Value	<input checked="" type="checkbox"/> finding of nausea	Present	<input checked="" type="checkbox"/> finding of vomiting	Absent		
	Value								
<input checked="" type="checkbox"/> finding of nausea	Present								
<input checked="" type="checkbox"/> finding of vomiting	Absent								

Save Entry Finalize Entry or cancel

2. Enter the electronic signature you created when setting up your ANDHII account and click “OK”

Signature Phrase

Enter your signature phrase below to digitally sign this entry. When signing entries in the National Quality Improvement Pool, you are attesting that the data entered accurately describes, to the best of your ability, a patient or client and care that you have provided. If you do not wish to sign, you may select cancel below and then choose Save Entry instead.

Signature Phrase

[Forgot Signature Phrase?](#)

OK cancel

3. Copy the summary report text or click “Download report as PDF”
If you have already finalized your visit, you may retrieve this report by clicking “Reports” in the navigation bar, selecting “Individual Visit Summary”, selecting the related Patient, Entry, and Template options

Entry Summary Report

Patient*
56AVDpqX

Entry*
11/17/2017

Template*
ADIME

Select All Text

Text Formatting Text Output

Download report as pdf

Patient: 56AVDpqX

Nutrition Assessment	Value	Units	Evaluation/Standard
nutrition quality of life responses: patient, client, family hematology, oncology history:			
food intake amount - Vegetables:	3	servings/day	Normal / at goal
food intake amount - Meat, poultry, fish, eggs, beans, nut products:	2	servings/day	Normal / at goal
food intake amount - Percent total meal eaten:	50	%	Normal / at goal
finding of nausea:	Present		
finding of vomiting:	Absent		

Nutrition Monitoring and Evaluation

finding of nausea: Present
finding of vomiting: Absent

Evidence Analysis Library (EAL)

The EAL provides evidence-based nutrition practice guidelines to guide your practice. You can view the executive summaries of recommendations without logging in, and Academy members can log in to access additional details. For assistance with navigating the EAL, complete the EAL tutorials available at <https://www.andeanal.org/tutorials>. Your preceptor may ask you to complete and submit the certificate of completion.