

# Dragon Medical One

END USER FACILITATOR GUIDE  
Customer – EHR Agnostic

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## Purpose

This document is intended to guide facilitators or trainers through introducing and preparing clinicians to utilize Dragon Medical One (DMO).

## Prior to Training

- Ensure all clinicians have DMO installed and a microphone is available.
  - Make sure that each provider has been assigned a DMO user profile and license in the Nuance Management Center.
  - If applicable, each user should also have been assigned a PowerMic Mobile license and provided with a Welcome Letter.
- Ensure that all clinicians have access to the DMO End User Guide.
- Ensure that all clinicians have access to the DMO Quick Reference Guide.
- Confirm when will rounding occur after class. Who will be rounding on the physicians?
- Confirm what the specialties are of the clinicians attending training
- Verify which microphone sources will the clinicians be using
- Verify how is Dragon installed. Via citrix/VMware or Standalone?
- Verify the EHR, and if there is a special training environment for training.
- Confirm what will the classroom set up look like. Is there access to a projector?
- Verify the length of training sessions. There should be at least 30 minute break/buffer between each session.

## Assumptions

- The standard class size is 1-4 users.

## Training Objectives

- Provide live DMO product foundational training to clinicians.
- Confirm successful product knowledge transfer to ensure client productivity and satisfaction.
- Answer any questions the user(s) may have.

## How to present this lesson

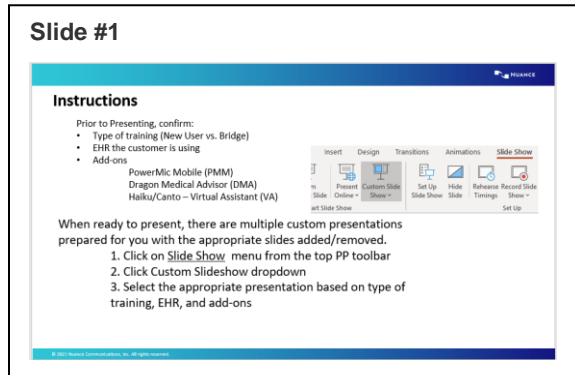
Trainees should follow along unless otherwise noted.

All the text in blue in the Facilitator Guide Companion deck is meant for the end-user to try themselves for practice.

The Facilitator Guide Companion contains instructions for using the custom presentation mode in PowerPoint. The custom presentations have already been set up for you based on the following factors:

- Type of training (New User vs. Bridge)
- EHR
- Add-ons (PMM, DMA, VA)

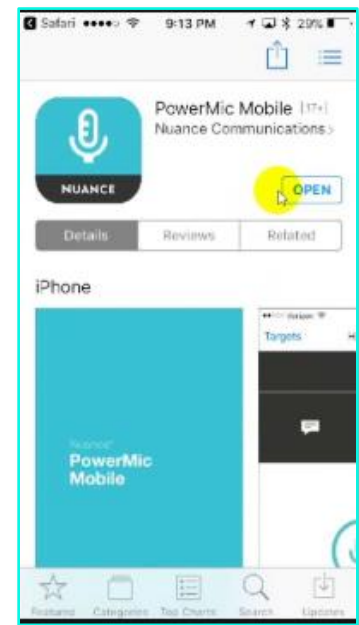
See the Appendix at the end of this lesson to view which slides are incorporated into each custom presentation



## Downloading PowerMic Mobile

This section should only be covered if the customer has PowerMic mobile licenses.

- You may want to cover this setup process prior to beginning class as the users are walking in.
- Download the PowerMic mobile app from the general app store on the user’s smart phone.
  - The app works for IOS 8.0 or greater or android 4.0 or greater.
- Once the app is installed, the user needs to click on the configuration link from their phone.
  - Each organization has a unique configuration link that needs to be clicked once the app is installed. It can be manually copied and pasted into the profile settings from the app as well.
  - It can also be texted to the user if the link is not working via the email app from their phone.



## Beginning of Training Session

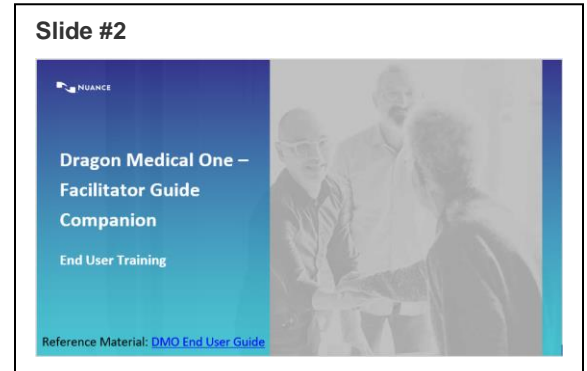
### Introductions

Take 30-60 seconds to introduce yourself to the users attending the training session.

### Purpose

**Explain the purpose of this session is to:**

- Outline the basic functionality of Dragon Medical One (DMO)
- Provide a product introduction, including benefits and capabilities
- Confirm successful product knowledge transfer to ensure client productivity and satisfaction.
- Provide a brief demonstration



### Training Expectations

Inform audience what will be expected of them during this training session, as well as how long they may be in training.

- **Assumptions:** This class assumes you are familiar with basic computer and EHR functions.
- **Interaction:** Clinicians will view a live, instructor led DMO demonstration, as well as be given the opportunity to utilize DMO throughout the training session.
- **Practice:** Clinicians will be provided with step-by-step instructions regarding how to utilize DMO, including dictation practice.

## Agenda

Review the agenda.



## DMO Demonstration

### Demonstrate logging in to DMO

- Be sure to change projected screen to show DMO rather than Companion Deck.
- **Read** Sample to demonstrate:

Chief Complaint: Patient presents today with swelling of the ankles, and cold sweats.

HPI: Symptoms have been present for about 2 weeks ever since an episode of vomiting and poor PO intake.

Working Diagnoses:

1. Diabetes mellitus
2. Chronic kidney disease
3. Swollen ankles

## What is DMO?

DMO is a secure, cloud-based speech recognition solution

- Allows documentation of the complete patient story
- More efficient use of IT resources
- Boosts productivity and efficiency for clinicians
- Address questions.

### Slide #5

#### Demonstration

Chief Complaint: Patient presents today with swelling of the ankles, and cold sweats.

[new paragraph]

HPI: Symptoms have been present for about 2 weeks ever since an episode of vomiting and poor PO intake.

[new paragraph]

Working Diagnoses:

1. Diabetes mellitus
2. Chronic kidney disease
3. Swollen ankles

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### Slide #6

#### What is DMO?

Dragon Medical One, or DMO, is a secure, cloud-based speech recognition solution that allows clinicians to document the complete patient story using their voice while allowing healthcare organizations to easily deploy medical speech recognition across the enterprise - all while saving time for IT staff and boosting productivity and efficiency for clinicians.



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## What does DMO Do?

Explain that DMO makes it easier for clinicians to capture each patient’s story completely by allowing them to use speech to text to document patient visits more efficiently.

### Slide #7

**What Does DMO Do?**

- Captures each patient’s story completely by allowing the clinician to use speech to text.
- Contributes to an accurate clinical picture.
- Promotes better coordination of services and communication between care providers.
- Ensures quality patient care.

*(Slide includes an image of a hand pointing at a screen with medical icons.)*

## DMO Benefits

- Cloud-based roaming profile prevents corruption of user’s voice profile.
- The last username, microphone, language and specialty selection used will be saved automatically.
- DMO features a higher rate of voice recognition accuracy, with automatic accent detection and no additional voice training needed.
- Allows dictation when the Nuance Management Server is unavailable.
- Address questions.

### Slide #8

**What Are Benefits of DMO?**

- DMO has cloud based roaming profile
  - Less resource intensive to the workstation
  - No more profile corruption
  - Quicker to log-in and exit DMO
- Last microphone source and vocabulary used is saved automatically
- Higher rate of voice recognition accuracy
- Audio input is managed in the background by DMO. No additional voice training or calibration is required by the user
- Allows dictation when the Nuance Management Server is not available

## DMO Capabilities

DMO allows the user to use speech to text to dictate more complete documentation.

- DMO allows the user to edit and navigate through text using voice commands rather than typing.
- Users can create and manage their own custom vocabulary.
- The What Can I Say command to show the available voice commands in DMO.

### Slide #9

**DMO Capabilities**

- Use speech to text to complete documentation
- Edit and navigate through text using voice commands
- Add custom vocabulary
- What You Can Say reference provides a list of available commands

*(Slide includes an image of interlocking gears.)*

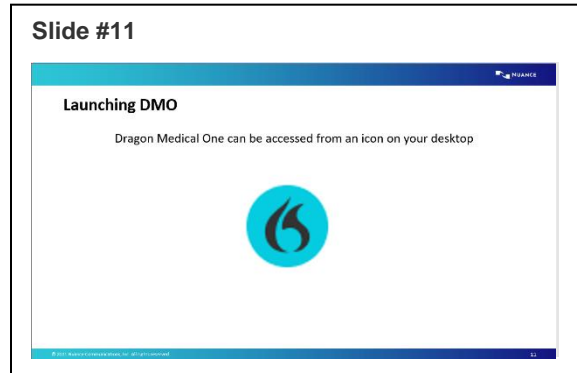


## Launching DMO

### Launching Dragon

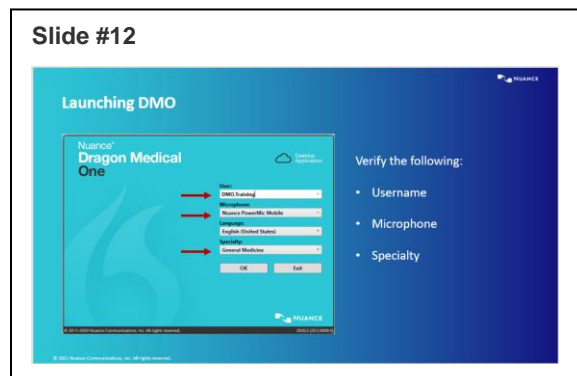
Instruct users to open DMO. The local version should be a desktop icon.

- <If the organization is using Cerner or Epic, DMO will likely be launched from within the application. See slide 73 for screenshot of Dragon Login in Epic>



### Logging In

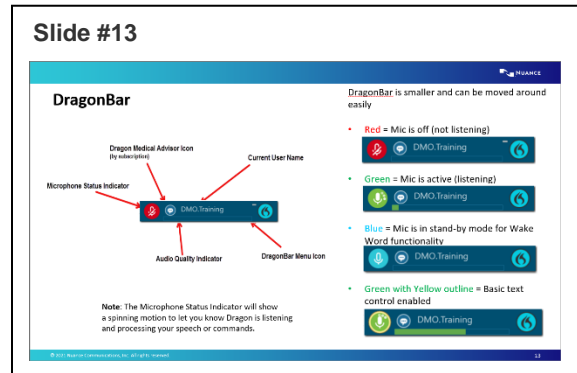
- Instruct users to open DMO, but before logging in, discuss the dropdown options.
  - **Username:** If there is no password requirement, explain the importance of making sure that the username is yours.
    - Logging in with someone else's account could result in decreased recognition and/or accuracy.
  - **Microphone:** Make sure that the user has their microphone plugged in prior to launching DMO. If your device isn't listed you will need to exit the application, make sure it is plugged in, and relaunch.
  - **Specialty:** If your specialty isn't listed you can safely choose **General Medicine** or **Internal Medicine**.
- Instruct users to choose the appropriate drop-down menu selections, and log in.
- Verify users have logged in and address any issues



## DragonBar

Explain the ability to move/relocate the DMO DragonBar by clicking and dragging with the mouse.

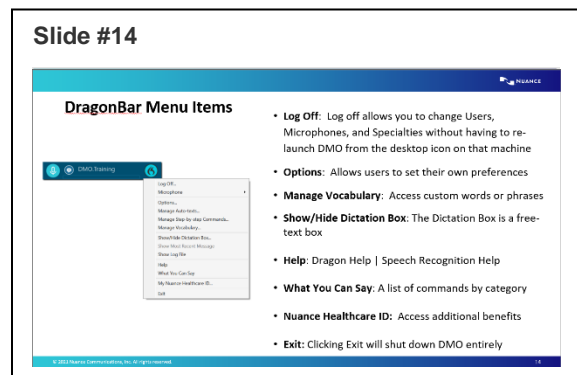
- Have the user press red microphone button
  - Point out that microphone icon goes from red to green.
    - Red indicates Dragon is not listening, and Green indicates Dragon is listening.
- Demonstrate Wake Word functionality
  - Point out the blue microphone icon (DMO 2020.1) indicating standby mode
  - If using DMO 5.0, microphone icon will be light red when in standby mode
- Note that depending on EHR DMO set up, if basic text control is enabled, user will see a green microphone icon with a yellow outline
- Discuss minimize button on DragonBar. Advise that some facilities have the tool bar locked down and that it may not be able to reopen the DragonBar.



## DragonBar Menu Items

Demonstrate by clicking on the DragonBar Menu Icon, showing that it contains all the menu options.

- Explain the following concepts:
  - **Log off:** Brings you back to the Splash Screen
  - **Options:** All customizable settings are located here
  - **Manage Vocabulary:** Add and edit custom words or phrases for better accuracy.
  - **Show/hide Dictation Box**
  - **Help:** Comprehensive instructions on how to use DMO
  - **What You Can Say:** is a list of commands by category.
    - **Show** the What Can I Say menu
  - **From What you can say,** use the menu button on top left to access the tutorial and training videos
  - **Nuance Healthcare ID:** Additional access to online management and personalization tools
  - **Exit:** Closes the application entirely. It is recommended that you ALWAYS exit DMO when you are finished using the application



## DragonBar Keyboard Navigation

Explain how to use keystrokes or a narrator to move through the DMO user interface.

- Use the tab key  $\text{Tab}$  or keyboard arrow keys ( $\leftarrow$ ,  $\rightarrow$ ,  $\uparrow$  and  $\downarrow$ ) to cycle through the DragonBar Icons.
- Press the Space Bar or Enter key to activate the highlighted icon:
  - Turn on the microphone
  - Run Dragon Medical Advisor (if enabled)
  - Open the DragonBar Menu
- Press the tab key  $\text{Tab}$  or the keyboard down arrow  $\downarrow$  to move down the DragonBar Menu item list
- Press shift + the tab key or the keyboard up arrow  $\uparrow$  to move up the DragonBar Menu item list
- Use the right arrow key  $\rightarrow$  to access any sub-item list; once in the sub-item list:
  - Press the left arrow  $\leftarrow$  to go back to the main DragonBar Menu
  - Press the tab key or the keyboard down arrow  $\downarrow$  to move down
  - Press shift + the tab key or the keyboard up arrow  $\uparrow$  to move up

## Options Menu

We are now going to review the Options menu to review the customizable settings

- Click your DragonBar menu and select 'Options'

## General Tab

Anchor speech focus when recording is started

- This setting, if enabled, will anchor Dragon's focus wherever the cursor is at the time the microphone was turned on.
- If a user is struggling with "jumping cursor" while dictating because of a workflow issue, such as pressing the trigger button on back of PowerMic, this may be an option to explore.
- If you move the cursor somewhere else while the microphone is still on, it will not add dictation at the new cursor placement, it will continue to dictate in the original cursor placement.
- It is not the same as the manual speech focus settings
- It is NOT considered best practice to turn on for all users. It requires additional training if you enable this.

Voice Commands

- You can modify the type of feedback you receive when DMO recognizes a voice command.

Wake Word

- Enable wake word feature – on by default. Allows you turn on dragon with voice commands without having to click or press button on mic to turn on first
- Start dragon in standby mode – allows you to use voice commands to turn on dragon as soon as you log in

#### Auto-text fields

- For variable fields in your auto-text commands, you can change the default brackets to a different symbol to act as a delimiter
- Can be helpful to modify if the EHR uses brackets for a different purpose in documentation

## Text Input

What happens when the cursor is placed in an unknown text field?

- Open the Dictation Box
- Use Basic Text Control

#### Transfer text method

- Several options for moving text from the dictation box into another text field

#### General settings

- Settings to control what happens to the dictation box

#### Text appearance

- The formatting of the text in the dictation box.
- For example, if someone has a hard time reading the text in the dictation box, you can increase font size.

Note: These are user level changes. In most cases, you will want to leave the settings as default unless there is a specific user preference or there is a setting that impacts the compatibility with the specific EHR

## Hot Keys

- Use a combination of keys on the keyboard to initiate an action or command
- Modify microphone on/off hotkey (useful for laptop users)
- Can often speed up tasks

Customize Dragon's pre-set hotkeys and use your own key combination

Note: Your custom hotkey must be a key combination that includes **Ctrl** and **Alt** (e.g., Ctrl-D, Shift-Ctrl-S, Alt-L, Alt-Ctrl-P, etc.). You can also use **Shift**.

*Follow these steps to customize one of Dragon's pre-set hotkeys:*

1. Select **Options** from the DragonBar menu
2. Open the **Hotkeys** tab

3. Click the **Pencil Icon** next to the hotkey you wish to customize
  - Note: If the hotkey you wish to customize already has a default hotkey assigned you may either press the **backspace** key on your keyboard or type your custom hotkey combination over the default.
  - If you choose to press the **backspace** key you will then be prompted to click the **Pencil Icon** again.
4. Type the new key combination
  - Note: You may only use combinations that include **Alt** and **Ctrl**; **Shift** may be used as well
5. Click **Apply All** to save the changes

## Add a HotKey for a Step-by-Step Command

You can add your own hotkeys to execute your saved Step-by-Step commands.

Note: You must have an existing Step-by-Step command saved to add a hotkey for it.

*Follow these steps to create a custom hotkey for a Step-by-Step command:*

1. Click **+** in the Step-by-Step commands section
2. Select an existing Step-by-Step command from the list
  - Note: If you do not have any Step-by-Step commands created, this list will be empty
3. Click **Add**
4. Click the **Pencil Icon**, then type the key combination
  - Note: You may only use combinations that include **Alt** and **Ctrl**; **Shift** may be used as well
5. Click **Apply All**

## Microphone Buttons

You can modify the buttons on both the PMM source and the PowerMic

- Starting with v5.0, there are 10 buttons available to customize on the PowerMic
- There are 5 buttons available to customize on PMM

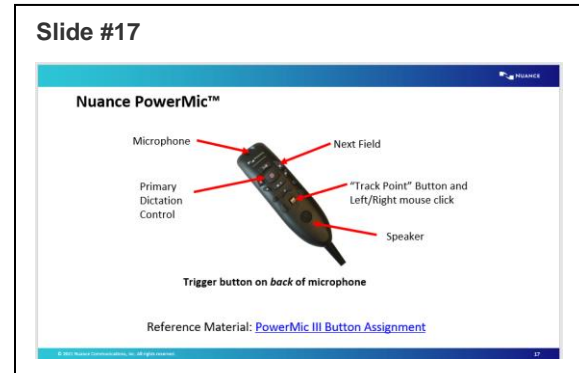
“What questions do you have?”

## Microphone Management

### PowerMic Introduction

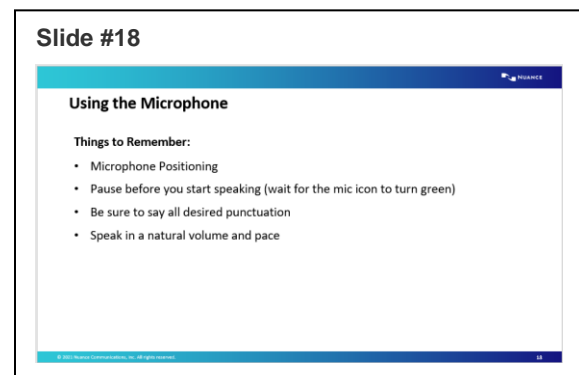
Walk the user through the PowerMic III.

- The microphone is at the top.
- Speaker is at the bottom.
- There is a track point that moves the mouse, with a left click and right click on either side
- Note there is also a trigger button on the back. This is a left click of the mouse
- There are some default buttons on the microphone that we will review and discuss coming up



### Using the Microphone

- Explain the proper position of the Microphone for optimal performance.
  - Point out that the user should speak into the foam piece on their microphone
  - Point out that the user should position their microphone approximately 1 inch below their mouth and 1-3 inches away.
  - Point out that the user should hold the Mic in their nondominant hand.
  - Point out that the user should pause before speaking. Wait for the mic icon to turn green.
- Explain the differences between using Press-and-Hold and Wake Word functionality
  - Press-and-Hold as mentioned previously
  - Wake Word
    - Turn on the PowerMic by clicking on the microphone icon on the DragonBar, pressing the record button on the PowerMic or pressing the keyboard hotkey
    - Dictate one of the following: “Go to sleep”, “Stop listening” or “Stop recording”. This will put the PowerMic in Stand-By mode. When in Standby mode, the microphone icon on the Dragon Bar will be red with an opaque background.
    - To activate the PowerMic, say “Wake up”.
- Explain instructions for setting up PowerMic Mobile will be covered at the end of the session for those with a license.

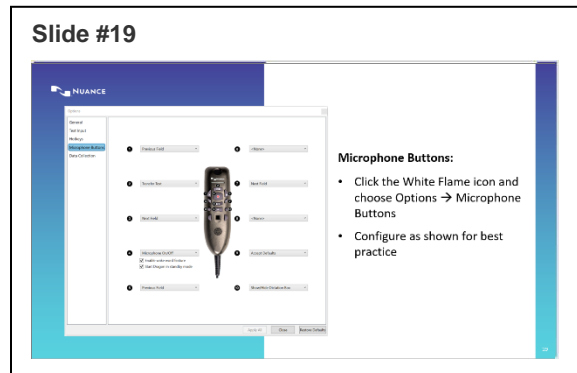


## Microphone Buttons

Walk the user through setting up the PowerMic buttons per the Nuance Best Practice settings. Note that only PowerMic II/III are displayed. PowerMic Mobile have not changed with DMO 5.0.

You can modify the buttons on both the PMM source and the PowerMic

- Starting with v5.0, there are 10 buttons available to customize on the PowerMic
- There are 5 buttons available to customize on PMM

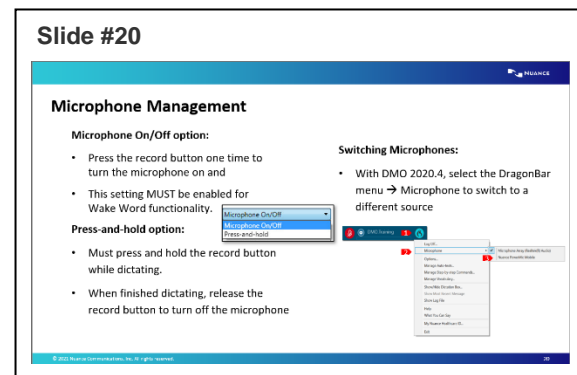


## Microphone On/Off button

- **Microphone On/Off:** Enables the user to press the record button one time to turn the microphone on.
  - Press the microphone again to turn it off.
  - The button does not need to be held while dictating.
  - NOTE: This setting must be enabled for Wake Word functionality.
- **Press-and-hold:** Requires the user to press the record button to turn the microphone on and hold it while dictating.
  - **When finished dictating, release the record button and the microphone will turn off.**

## Wake Word Functionality

- Feature is designed for those users who need to dictate in environments where holding a microphone is not available, such as in a grossing room
- This feature is not available when using PowerMic Mobile



## Switching Microphones

Switching Microphones feature in Dragon Medical One enables you to conveniently switch between connected microphones while in session without any disruption.

To switch microphones while you are in session, click the Dragon flame and select the desired microphone. Selecting the microphone menu item will list all connected audio devices. The active device will be checked.

**Note:**

You cannot switch audio devices when Dragon is in dictation mode. The microphone must be off or in Standby mode. If in dictation mode, the microphone menu item will be grayed out.

## Basic Dictation

### Dictating with Dragon

- When dictating, speak in full sentences. Dictate your punctuation.
- To start a new line, instead of pressing Enter on your keyboard, say “New Line.”
- To start a new paragraph, say “New paragraph.”

**Slide #23**

**When you Dictate:**

Say...	To...
“New line”	Start a new line
“New paragraph”	Start a new paragraph

**Dictate Punctuation**

Say	To Enter
Comma	,
Period or full stop	.
Exclamation point or exclamation mark	!
Question mark	?
Hyphen/dash	-
Colon	:
Semi-colon	;
Open quote	"
Closed quote	"
Open parenthesis	(
Closed parenthesis	)

### Exercise 1: Dictation

Utilizing the DMO Dictation box:

- Instruct users to **dictate** the text noted on the slide.
- Remind them to dictate all punctuation and new line or new paragraph.
- Have the users use voice commands for text corrections.

**Slide #24**

**Basic Dictation**

Chief Complaint: Patient presents today with swelling of the ankles, and cold sweats.  
 [new paragraph]  
 HPI: Symptoms have been present for about 2 weeks ever since an episode of vomiting and poor PO intake.  
 [new paragraph]  
 Working Diagnoses:  
 1. Diabetes mellitus  
 2. Chronic kidney disease  
 3. Swollen ankles

### Dragon Commands

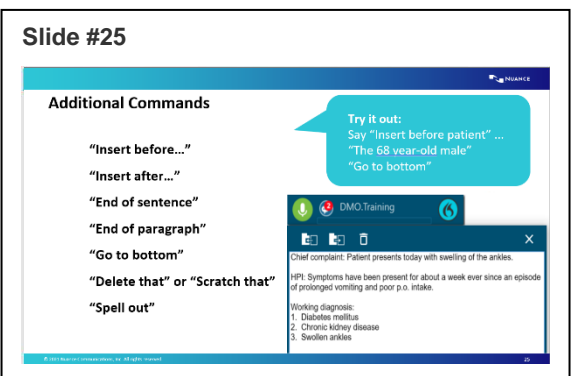
- Insert Before and Insert After commands can be used to move your cursor around the screen.
  - For example, in the sample we just dictated, if we want to add the words “The 68-year-old male” in front of the word patient, we would say “Insert before patient”
- End of Sentence, End of paragraph go to bottom, will move your cursor around your note. You can also use the opposite commands, beginning of sentence, beginning of paragraph, go to top.

**Slide #25**

**Additional Commands**

- “Insert before...”
- “Insert after...”
- “End of sentence”
- “End of paragraph”
- “Go to bottom”
- “Delete that” or “Scratch that”
- “Spell out”

**Try it out:**  
 Say “Insert before patient” ...  
 “The 68 year-old male”  
 “Go to bottom”





- With DMO 2020.4, Spelling mode in Dragon Medical One helps recite individual letters, numbers, and characters to spell out medical codes, uncommon names, acronyms, special characters, and diacritics.
- Use the voice command ‘Spell Out’ and then speak characters using standard English letter pronunciations or the NATO phonetic alphabet, such as Sierra for S or Alfa for A, without pausing. Pause after using spelling mode to return to standard dictation mode.
- Now try some commands out yourself

## Review Commands

- Pause briefly before a command
- Pause briefly after a command and wait for Dragon to perform the action
- Do not pause in the middle of the command

### Slide #26

#### Review Commands

- Pause briefly before a command
- Pause briefly after a command and wait for Dragon to perform the action
- Do not pause in the middle of the command

## Correction

### Exercise 2: Correction

- **Say** *Now we will demonstrate how to make some simple changes to your captured text using the **Correct** or **Select** command. Either word can be used in the following scenarios.*
- Scenario: Walk the user through correcting their current text. **Say** *After proofreading our dictation, we need to make a few corrections. Follow along with me.*
  - **Say:** *We need to update the duration of the symptoms.*
  - **Say:** *Correct 2 weeks*
  - **Say:** *a week*

### Slide #27

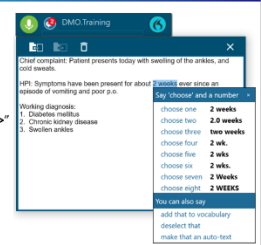
#### Correction

- Select/Correct and Replace
- Select/Correct and Delete
- Insert and Add

Note: “Select <text>” and “Correct <text>” commands are the same.

#### Try it out:

Say “Select 2 weeks” ...  
“one week”



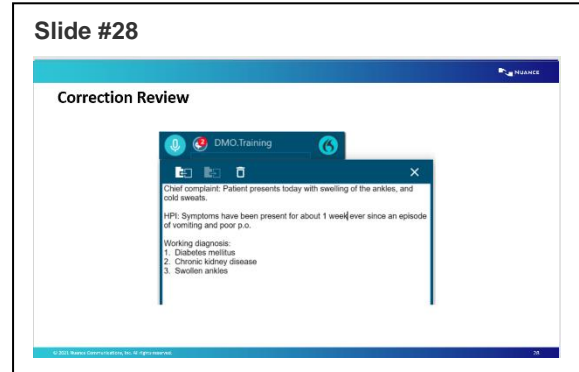
Point out that using the **Select/Correct <text>** command to highlight a word or phrase allows DMO to present variations relevant to the selected text. If the user needed to change the format, the user could say Choose two or Choose six. In this example, by dictating a week with the text selected, DMO replaced it.

- **Say:** *Cold sweats were not among the reported complaints.*
- **Say:** *Select comma and cold sweats*
- **Say:** *Delete that*

Point out that although **Delete That** is not listed in the choices presented by DMO, saying the command affects the selected text by removing it entirely.

- **Say:** *A word was omitted from the HPI*
- **Say:** *Insert before vomiting*
- **Say:** *prolonged*

Have the user review their text and it should look like the picture on this slide.

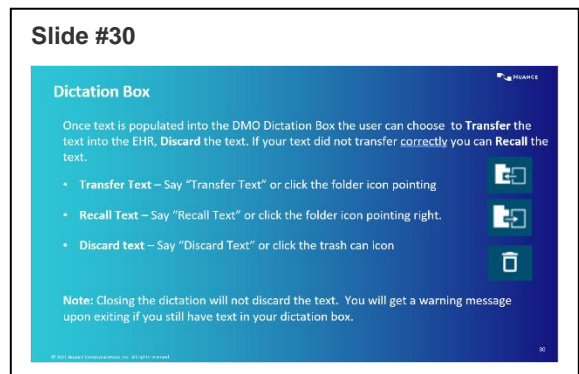
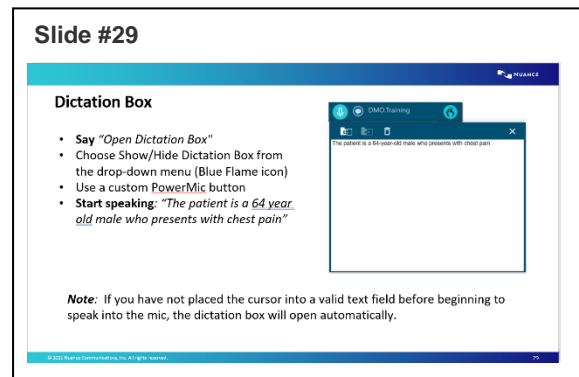


## Integrating using the Dictation Box

**Say:** *The DMO Dictation Box has several features that can be useful when documenting within your EHR environment. We will review those features now.*

**Note:** Have the user open a test patient within their EHR for this next section. If an EHR is not available, use a note pad/other word processor for this demonstration.

- Explain that there are multiple ways to open the Dictation Box. Have the user follow along with you.
  - **Say:** *Open Dictation Box*
    - Then close the Dictation Box by **saying Hide Dictation Box**
  - Click the DragonBar Menu Icon then choose Show/Hide Dictation Box
    - Then close the Dictation Box by clicking the x in the top right corner
  - Use the custom PowerMic button, if configured.

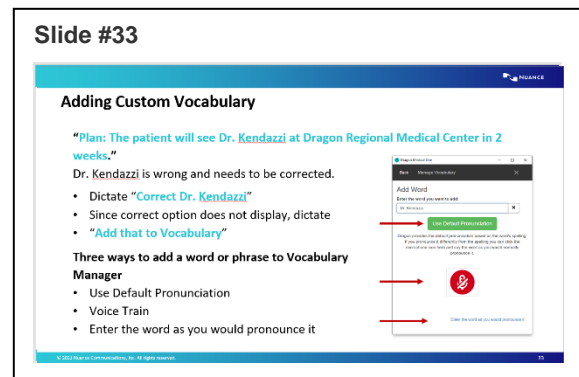


- Then close the Dictation Box by pushing the button again
- Begin dictating (**before** placing your cursor in a text field). The Dictation Box will open automatically and capture your speech.
  - Make sure the cursor is not in a valid text field. Note: An easy way to do this is to click on the Windows Task Bar at the bottom of the screen.
  - **Say** *The patient is a 64-year-old male who presents with chest pain.*
  - Point out that the Dictation Box opened automatically with their text in it.

## Adding Custom Vocabulary

### Exercise 3: Custom Vocabulary

- Explain that we are going to cover different ways to edit any word or phrase.
  - Use default pronunciation
  - Voice Train
  - Enter the word as you would pronounce it
- Explain IE10 or higher is required to Train Words.
- **Say:** *Follow along with me as we dictate another sample*
  - **Say:** *Go to Bottom. This moves the cursor to the end of their dictation.*
  - **Say** *New Paragraph. This moves the cursor down two lines.*
  - **Say:** *Plan: The patient will see Dr. Kendazzi at Dragon Regional Medical Center in 2 weeks.*



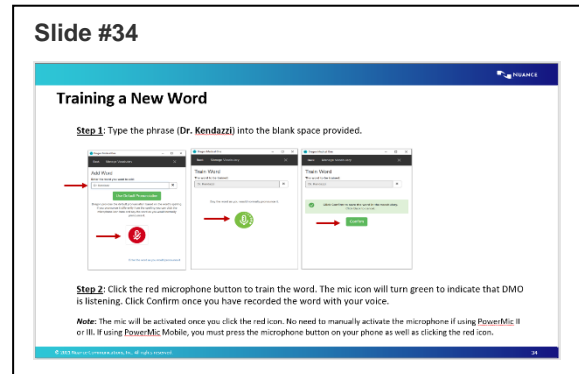
Point out: We know Kendazzi will come out incorrectly. Remind the user not to use keyboard and mouse to edit.

- **Say:** *Because DMO did not already know the name Kendazzi, it will be misrecognized and misspelled. Here is how we can add the word to our custom vocabulary to prevent future misspellings of our colleague's name.*
  - **Say:** *We want to add Kendazzi to our custom vocabulary. Follow along with me to correct it*
  - **Say:** *Correct Dr. Kendazzi*

- **Say:** *If it is not one of the 'choose...' options, say 'Add that to Vocabulary'*
- **Explain:** We are going to add Dr. Kendazzi. Although Dragon correctly recognized Dr., we will use the phrase Dr. Kendazzi because Dragon works optimally with added context.

## Exercise 4: Training a new word

Instruct the user to place their cursor in the blank field provided and type in the new word as you would like to see it. Remind the user to use appropriate formatting and/or capitalization because Dragon will type out what you enter there verbatim. Point out that the mic will be activated once you click the red icon with your mouse. You will not need to manually activate the microphone.



- **Say:** *Click the red microphone button with your mouse to train the word with your voice. The mic icon will turn green to indicate that DMO is listening.*
  1. **Say:** if using PowerMic Mobile, you must turn on the microphone from the phone as well as click the red microphone button as mentioned above
- **Say:** *Click Confirm once you have recorded the word.*

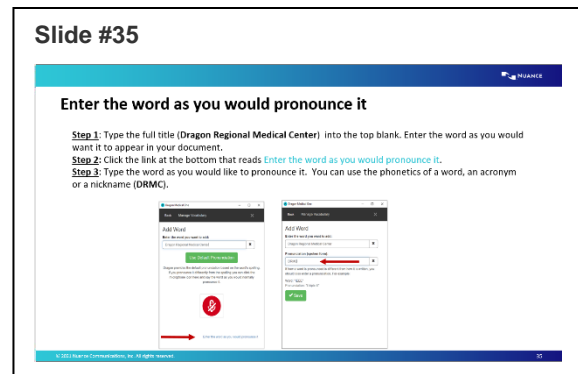
Point out that if the recording isn't successful on the first try, you can always edit the word again.

- If someone has an issue training, best practice is to help them before moving forward.
- **Say:** *Click Close*
- **Say:** Now that Dragon knows your new custom word, you can use the **Select <text>** command to replace the misrecognized word(s). *Note:* You can also manually select the misrecognized value with your mouse.
  - **Say** *Select <misrecognized text>*
    - Dr. Kendazzi might be misspelled in a few different ways.
  - Once the misspelled word is highlighted, say Dr. Kendazzi

## Use Default Pronunciation

Explain that if you type in a new word and click Use Default Pronunciation, the word will be successfully added to your vocabulary. This feature assumes that the word is pronounced the same way it is spelled.

Explain that this can be a helpful feature sometimes, but there is a small chance you will pronounce the word differently than Dragon expected. If this happens, simply have the user train the word with their voice. For this reason, it may be better to train the word a different way from the start.



## Exercise 5: Enter the word as you would pronounce it

Explain that the next exercise covers how to create a new acronym (or nickname) as part of your custom vocabulary. For example, rather than having to say the full facility title *Dragon Regional Medical Center*, we would prefer to dictate *DRMC* and allow DMO to do the work of entering all the text.

**Say:** *Follow along as we add the acronym DRMC to our custom vocabulary.*

You will read each bullet point below and have the user follow along.

- **Click the + sign to Add Word**
- **Click the link at the bottom that reads: Enter the word as you would pronounce it.**
- **Type 'Dragon Regional Medical Center' into the top blank: Be sure to use appropriate formatting and/or capitalization because Dragon will type out what you enter there verbatim.**
- **Type DRMC into the Pronunciation field**
- **Click Save**
- **Close the vocabulary window**
- **Select Dragon Regional Medical Center**
- **Delete That**
- **DRMC**

Point out that because DMO now knows your new vocabulary word, you no longer need to say the entire title during dictation. Simply put, when you say *DRMC*, Dragon spells out **Dragon Regional Medical Center**.

Explain that the Enter the word as you would pronounce it can be used for a nickname or alternative pronunciation as well. Be sure to spell out the phonetic pronunciation you are going to say. Think of the phonetic expression provided next to words within a dictionary.

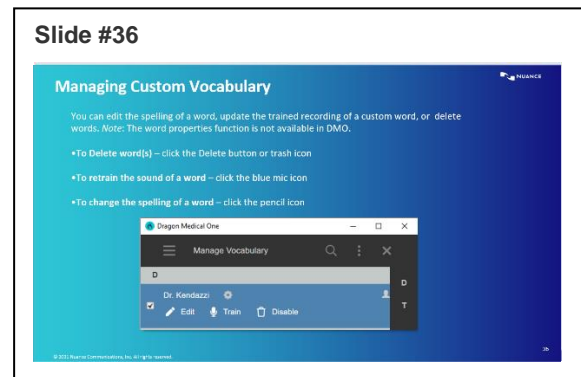
For example: Dr. J. Cetindag would be phonetically spelled out as doctor J chet in daw. Note: phonetic pronunciations do not have to be real words.

## Managing Custom Vocabulary

Point out that once you have added words to your custom vocabulary, you can always go back later and make changes to your list. You can change the spelling of a word, update the trained recording of a custom word, or delete words.

- Begin by instructing the user to click on the DragonBar Menu Icon and choose **Manage Vocabulary**

Explain that to begin editing a word, simply click on the word. You will see a check mark appear next to the word you have chosen. Note: You can select more than one word at a time, but you will only be given the option to Delete.



## Exercise 6: Edit, retrain, and delete a word

- To Delete word(s) – click the Delete button
- To retrain the sound of a word – click the blue mic icon
- To change the spelling of a word – click the pencil icon

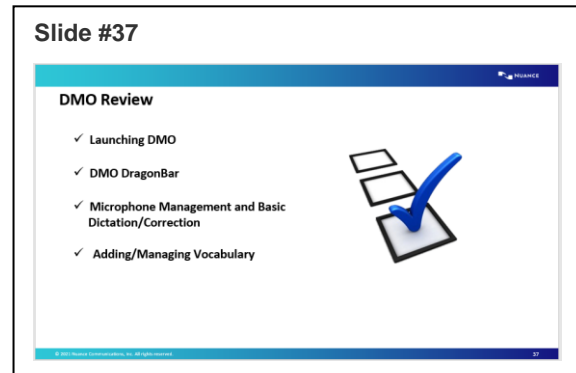
Note: If a word has a recorded training, DMO will ask you delete and re-add the word, rather than changing the spelling.

Point out that custom words can be added to multiple users' profiles simultaneously by the Nuance Management Center (NMC) administrator.

## DMO Review

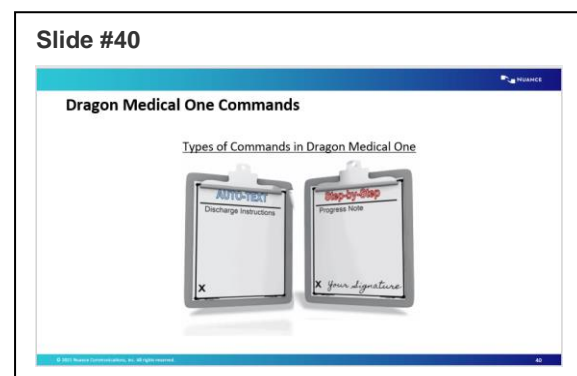
Let's review the basic concepts we have covered so far.

- Launching and logging into the DMO application.** Use the blue DMO icon to launch Dragon Medical One. Enter your username, select the appropriate recording device, language, and specialty, and then click the OK button to start using DMO.
- DMO DragonBar.** The DMO DragonBar contains key icons which allow the user to access product options and efficiently utilize DMO including the microphone feature (start/stop recording) and the DragonBar Menu (Blue Flame) Icon.
- Microphone Management and Basic Dictation/Correction - Preparing to Dictate.** Knowledge regarding microphone management, basic dictation and correction technique, are important to make the most of DMO.
- Adding Custom Vocabulary.** DMO features a few simple ways to add new custom words, including voice train a word, adding an acronym or nickname, and utilizing default pronunciation.
- Managing Vocabulary.** DMO Manage Vocabulary feature shows by default only the user's custom words, allowing users to edit custom words, including deleting custom word(s), retraining the sound of a word, and editing the spelling of a word.



## Custom Commands

- There are two types of Dragon commands you can build with DMO, Auto-Text and Step-by-Step
- Auto-Text Commands act as a free-text template that you can recall using a voice command into your dictation box or a text field in your EHR
- A Step-by-Step command performs a series of actions or steps within a sequence. Typically replacing keyboard strokes within a workflow.
- Disclaimer: The step-by-step command feature is not designed for the use of PHI, PII, or credentials. Using the step-by-step command for such purposes is strictly prohibited.
- Disclaimer: The auto-text command feature is not designed for the use of PHI, PII, or credentials. Using the auto-text command for such purposes is strictly prohibited.





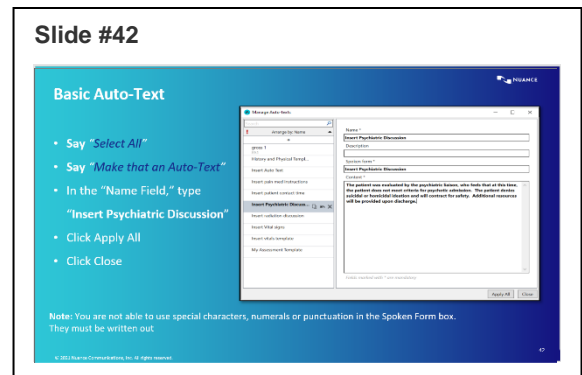
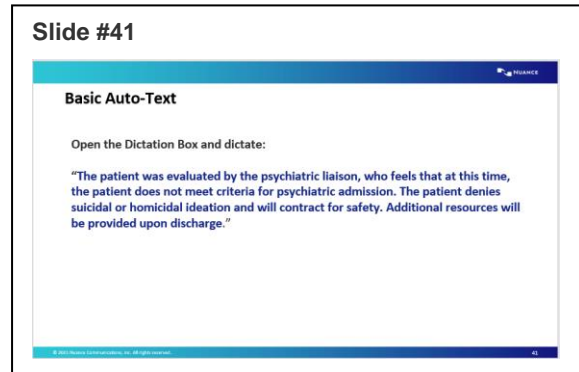
## Creating an Auto-Text

### Exercise 7: Basic Auto-text (created on the fly)

- Have the user open their Dictation Box or click into a text field.
  - Explain to the user that they are to press and hold the mic button and wait a second or two for the red microphone icon to turn green, before starting to dictate.
  - Remind the user that they are to dictate any punctuation.
- Have the user dictate the text from the slide
- Once they are done dictating, ask them to review their text for accuracy.
- Explain to the user that edits should be made using Dragon and not using the keyboard and mouse.
- Have the user Say **Select All**
- Have the user Say **Make that an Auto-text**

Point out that by doing this step the Auto-text creation window opens automatically and inserts all the text that you had highlighted.

- Have the user type **Insert Psychiatric Discussion** in the Name field.
  - Inform the user that as part of the naming convention it is recommended to use the word Insert before the name of the command so that it can be easily distinguished between commands that you create and commands that already exist in DMO.



Explain that the users are not able to use special characters, numerics or punctuation in the Spoken Form field. Numerics must be spelled out (e.g., my 6 month followup = my six month followup).

- Have the user Click **Apply All**
- Have the user Click **Close**

After the user has created their Auto-Text have them bring it into the dictation box to make sure it was created properly. To do so follow these steps:

1. Open dictation box and clear any text that appears
2. Say **Insert Psychiatric Discussion**
3. Review that it populated correctly



## Exercise 8: Auto-Text with Variable Fields [ ] independent of dictation

Explain that Auto-texts can contain variable fields. Variable fields are gaps in the auto-text where you can enter specific text, for example, patient data. To add a field to an auto-text, enter [ ] in the relevant places of the auto-text's contents; you can enter any text between the field delimiters as default content, for example, CBC results [within normal limits], vital signs [within normal limits] or they can be left blank as a place holder. When you insert the auto-text, you can decide whether you want to replace the default values with specific text or use the default values.

- Have the user click on the DragonBar Menu Icon
- Have the user click on Manage Auto-Texts
- Have the user click on the + symbol (this starts a new Auto-Text)

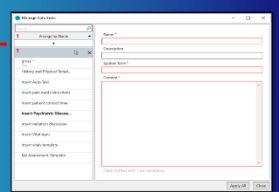
Have the user click into the Content box

Remind the user to say **open bracket** and **close bracket** (along with all other punctuation) when dictating the text from the slide.

**Slide #43**

**Variable Auto-Texts**

- Click on the DragonBar menu or say "Manage Auto-Texts"
- Click on Manage Auto-Texts
- Click on the + symbol (this starts a new Auto-Text)
- Click into the Content box



**Note:**

- All **RED** fields are mandatory.
- A **RED** exclamation point on the left indicates that there are incomplete fields.
- The + symbol at the bottom allows you to add additional Auto-texts without closing the window.

**Slide #44**

**Variable Auto-Texts**

Say "open bracket" "close bracket" where brackets should occur.

"A discussion with the patient's mother was held regarding the risks and benefits of repeat radiation. Considering that the patient has had [several] CT scans in the past [month] and that there is no clinical evidence of acute appendicitis today, the mother has decided to decline a CT of the abdomen/pelvis."

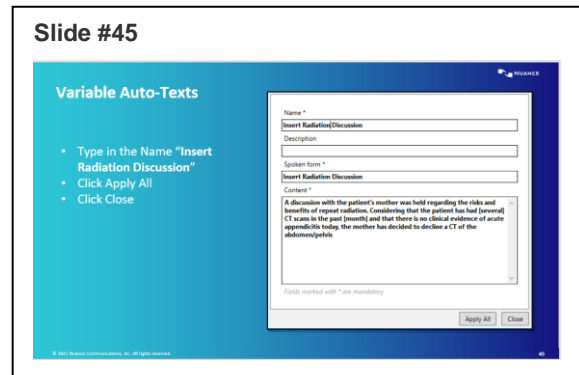
- Have the user type **Insert Radiation Discussion** in the Name field type
- Have the user click Apply All
- Have the user click Close

**Point out that:**

- All **RED** fields are mandatory and need to be filled out correctly.
- A **RED** exclamation point on the left indicates that there are incomplete fields. These field need to be completed prior to clicking the **'Apply All'** button.
- The + symbol at the bottom allows you to add additional Auto-texts.

After the user has created their Auto-Text have them bring it into the dictation box to make sure it executes properly. To do so, follow these steps:

1. Open dictation box and clear any text that appears.
2. Say **Insert Radiation Discussion**
3. Review that it populated correctly

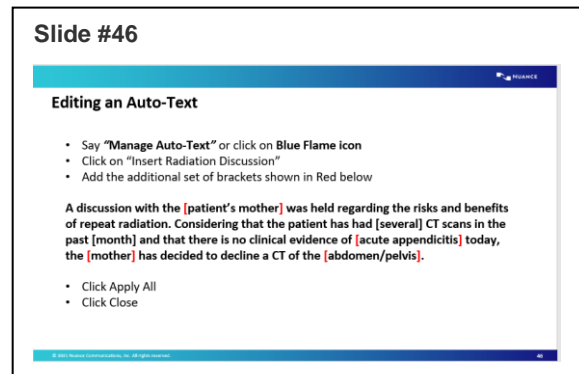


## Editing or Deleting an Auto-Text

Explain that once an Auto-text has been created the user can always go back and edit or delete the Auto-Text (s). To do so the user can either say **Manage Auto-Text** or click on the DragonBar Menu Icon.

### Exercise 9: Editing an Auto-Text

- Have the user Say **Manage Auto-Text**
- Have the user click on My Radiation Discussion
- Have the user add the additional set of brackets shown in Red on the slide.
- Have the user click **Apply All**
- Have the user click **Close**



## Exercise 10: Deleting an Auto-Text

Review with the user these steps to delete an Auto-Text; however, do not have them actually delete any Auto-Texts.

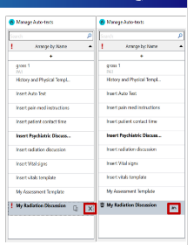
- Have the user Say: **Manage Auto-Text**
- Have the user click on My Radiation Discussion
- Have the user Click on the **X** symbol to the right of the name of the Auto-Text
- Point out that If the user decides that they would like to keep it after they have already clicked on the **X** and before you have clicked **Apply All**, you can click on the arrow symbol to restore the Auto-Text.
- Have the user Click **Apply All**
- Click **Close**

### Slide #47

**Deleting an Auto-Text**

- Say: "Manage Auto-Text" or click on Blue Flame icon
- Click on "Insert Radiation Discussion"
- Click on the X symbol to the right of the name of the Auto-Text
- Click Apply All
- Click Close

**Note:** If you would like to keep it after you have already clicked on the X and before you have clicked "Apply All", click on the arrow symbol to restore the Auto-Text.



## Navigating through Variable Fields

Explain that this exercise is intended to show the user how to navigate through Auto-Texts that they have created using Variable Fields. They can navigate either by using voice commands or by using the configured buttons on their microphone.

- Have the user Say **Open Dictation Box**
- Have the user Say **Insert Radiation Discussion**

Point out that the first variable field (bracketed text) has been highlighted. They can either dictate over it or they can move to the variable field (bracketed text). To move between the bracketed text, they can say either **Next Field** (goes forward) or **Previous Field** (goes backwards).

### Slide #48

**Navigating through Variable Fields**


You can navigate either by using voice commands or using the configured buttons on your microphone.

- Say "Open Dictation Box"
- Say "Insert Radiation Discussion"

To Move through the brackets you can either:

Say "Next Field" (forwards) or "Previous Field" (backwards)

Use the top right arrow (forwards) or left arrow (backwards) on the PowerMic.




- Have the user dictate over the first bracket with **patient's father**
- Have the user say **Next Field** to keep this bracket as is
- Continue through the other items on the slide.
- Explain that since we have finished adjusting our text based on our patient, we need to remove the remaining brackets that we did not change. To do so the user can either say Accept Defaults or press the v button on their microphone.
- Have the user say **Accept Defaults**

**Slide #49**

**Navigating through Variable Fields**

Make the following changes:

- Dictate over the first bracket with "patient's father"
- Say "Next Field"
- Say "Next Field" keep this bracket as is
- Dictate over "month" with "3 months"
- Press the "Next field" button on the PowerMic to move to [acute appendicitis].
- Leave acute appendicitis as so.
- Push the "Next field" button again to move to [mother]
- Say "father" to replace mother
- Say "Accept Defaults"



Note: Accept Defaults or the "v" button on their microphone removes all remaining brackets that you don't change.

The updated text should match the slide.

**Slide #50**

**Auto-Text dictation with Changes**

This is what your dictation should now look like:

A discussion with the patient's father was held regarding the risks and benefits of repeat radiation. Considering that the patient has had several CT scans in the past 3 months that there is no clinical evidence of acute appendicitis today, the father has decided to decline a CT abdomen/pelvis.

## Creating a Step-by-Step Command

Explain that a Step-by-step command is a series of keyboard strokes that the user can invoke with their voice to accomplish the task within the target application. When the user speaks a command, the keystrokes are played back into the target application.

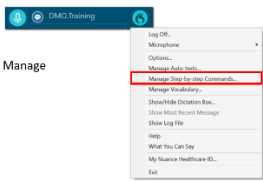
To do so you can either say **Manage Step-by-Step Commands** or click on the DragonBar Menu Icon.

- Click on the DragonBar Menu Icon > Manage Step-by-Step Command or say **Manage Step-by-Step Commands**
- Click + and fill in the **Name**, **Description** (optional) and **Spoken form** fields.
- Click **New Step** and select the type of step you want; repeat as necessary.
- Click **Apply All**.

**Slide #51**

**Step-by-Step Commands**

A Step-by-step command is a series of keyboard strokes that the user can invoke with their voice to accomplish the task within the target application.



- Click on the Blue Flame Icon → Manage Step-by-Step Commands
- or say "Manage Step-by-Step Commands"

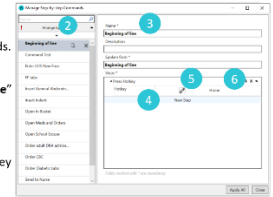
## Exercise 11: Beginning of line

- Have the user click on the DragonBar Menu Icon and then select **Manage Step-by-step Commands**.
- Have the user click on the + symbol
- Name the Command **Beginning of line**
- In the Steps section, click **New Step**
- Select **Press Hotkey**
- Click the **Pencil Icon**
- On your keyboard, press the **Home** key
- Click **Apply All > Close**

### Slide #52

#### Creating a Step-by-Step Command

1. Click on the blue flame icon and then select Manage Step-by-step Commands.
2. Click on the + symbol
3. Name the Command "**Beginning of line**"
4. In the Steps section, click **New Step**
5. Select **Press Hotkey**
6. Then click the **'Pencil Icon'**
7. On your keyboard, press the **'Home'** key
7. Click Apply All > Close



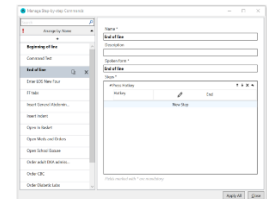
## Exercise 12: End of line

- Have the user Say **Manage Step-by-Step Commands**
- Have the user click on the + symbol
- Name the Command **End of line**
- In the Steps section, click **New Step**
- Select **Press Hotkey**
- Click the **Pencil Icon**
- On your keyboard, press the **End** key
- Click **Apply All>Close**

### Slide #53

#### Creating a Step-by-Step Command

- Say "Manage Step-by-Step Commands"
- Click on the + symbol
- Name the Command "**End of line**"
- In the Steps section, click **New Step**
- Select **'Press Hotkey'**
- Then click the **'Pencil Icon'**
- On your keyboard, press the **'End'** key
- Click Apply All → Close



Walk the user through using the **Beginning of line/End of line** commands.

1. Have the user open their dictation box
2. Have the user pull in one of their auto-texts
3. Have the user say **Beginning of line**
4. Have the user say **End of line**

Address any questions.

## Editing or Deleting a Step-by-Step Command

Explain that once a Step-by-Step command has been created the user can always go back and edit or delete the command. To do so the user can either say **Manage Step-by-Step Commands** or click on the DragonBar Menu Icon.

### Exercise 13: Editing a Step-by-Step Command

Walk the user through the steps but do not have them change anything.

Explain that they would:

1. Say: **Manage Step-by-Step Commands**
2. Click on desired command
3. Edit as necessary
4. Click **Apply All**
5. Click **Close**

Point out the arrows and X to the right of each step.

Explain that these are used to move a step up or down or to delete the step entirely.

**Slide #54**

**Editing or Deleting a Step-by-Step Command**

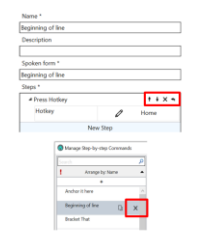
- Say: **Manage Step-by-Step Commands** or click on the Blue Flame icon
- Click on desired command
- Edit as necessary

You can move the steps up or down with the arrows to the right of the step or click on the X to remove the step

- Click Apply all
- Click Close

To Delete the Command:

- Click on the X symbol to the right of the Name
- Click Apply all
- Click Close



### Exercise 14: Deleting a Step-by-Step Command

Walk the user through the steps but do not have them change anything.

Explain that they would:

6. Click on the Blue Flame
7. Click on Manage Step-by-Step commands
8. Click on desired Command
9. Click on the **X** symbol to the right of the name of the command
10. Click **Apply All**
11. Click **Close**

<Continue to slide #56 for facilities using PowerMic Mobile.>

<Advance to slide #63 if not using PowerMic Mobile.>

## PowerMic Mobile

- Discuss that PowerMic Mobile turns iOS and Android-based devices into secure wireless microphones for use with DMO and any workstation application that accepts audio from a hardware microphone. It gives providers the freedom to roam from workstation-to-workstation, room-to-room, and location-to-location to complete their clinical documentation using their smartphone as a wireless microphone at the desktop.
- To use PowerMic Mobile (PMM), the free PowerMic Mobile app must be downloaded from the App Store or Google Play. You will be provided with a Welcome Letter that includes configuration instructions.
- Read over the features and benefits of PowerMic Mobile.

## Installing PowerMic Mobile

First download the PowerMic Mobile App from the app store or Google Play


Note the minimum requirements of the phone to download the app

**Slide #57**

**PowerMic Mobile**

PowerMic Mobile turns iOS and Android-based devices into secure wireless microphones for use with DMO and any workstation.

It gives providers the freedom to roam from workstation-to-workstation, room-to-room, and location-to-location to complete documentation.











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**Slide #58**

**PowerMic Mobile Features and Benefits**

More freedom, the same PowerMic experience

 Greater clinician mobility	 Works with virtual desktops
 Scalable and centrally managed	 Automatic workstation pairing
 Programmable buttons	 Optimized for Nuance solutions
 Compatible with iOS and Android	 Perfect companion to PowerMic


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**Slide #59**

**Installing PowerMic Mobile**

Install the Nuance PowerMic Mobile app on your Android or iPhone

Step 1: Go to the App Store or Play Store and download the PowerMic Mobile app



•**iPhone Users** (requires iPhone 5 and iOS 8.0 or greater);

•**Android Users** (requires Android 4.0 or greater);

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## Configuring PowerMic Mobile

Once the app is downloaded, you'll need to click on the configuration link from your phone. The configuration link can be sent via email or text message.

If the link is not clickable, copy and paste directly into the settings on the app.

## Launching PowerMic Mobile

Discuss the following instructions for launching PowerMic Mobile:

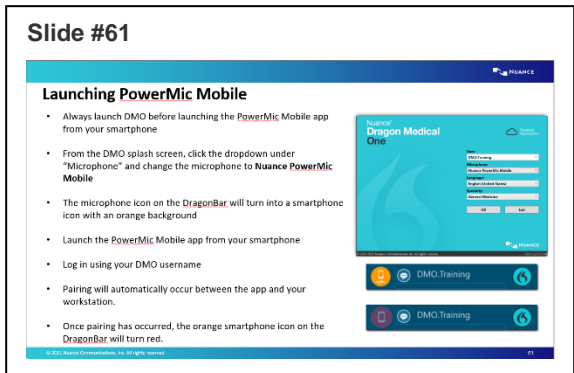
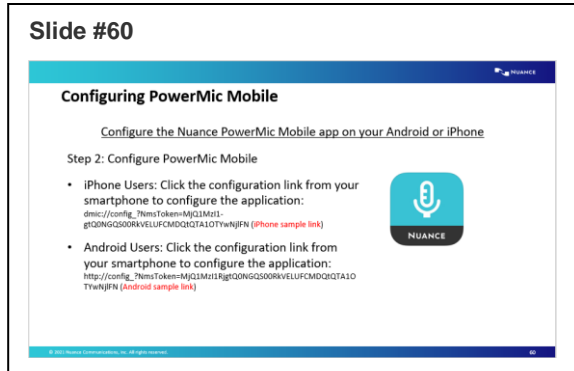
- Always launch DMO before launching the PowerMic Mobile app from your smartphone
- From the DMO splash screen, click the dropdown under Microphone and change the microphone to **Nuance PowerMic Mobile**
- The microphone icon on the DragonBar will turn into a smartphone icon with an orange background

Launch the PowerMic Mobile app from your smartphone

- Log in using your DMO username
- Pairing will automatically occur between the app and your workstation.
- Once pairing has occurred, the orange smartphone icon on the DragonBar will turn red.

**Point out that:** PMM must be paired with a workstation before you can dictate.

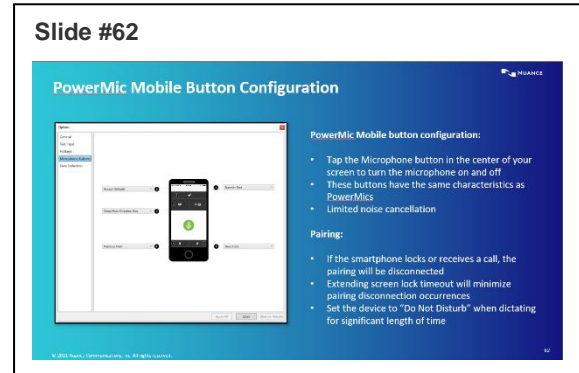
**Note:** With PowerMic Mobile 2020.4, Both iOS and Android versions support wired headsets and microphone control with the play/pause button on the wired headsets. The iOS version supports the use of Bluetooth headsets and earbuds.





## PowerMic Mobile Button configuration

- Discuss the PowerMic Mobile button configurations.
  - These buttons have the same characteristics as PowerMics
- Explain how to dictate using PMM
  - Tap the Microphone button in the center of your screen to turn the microphone on and off
- Limited noise cancellation
- Discuss Pairing tips:
  - If the smartphone locks or receives a call, the pairing will be disconnected
  - Extending screen lock timeout will minimize pairing disconnection occurrences
  - Set the device to Do Not Disturb when dictating for significant length of time



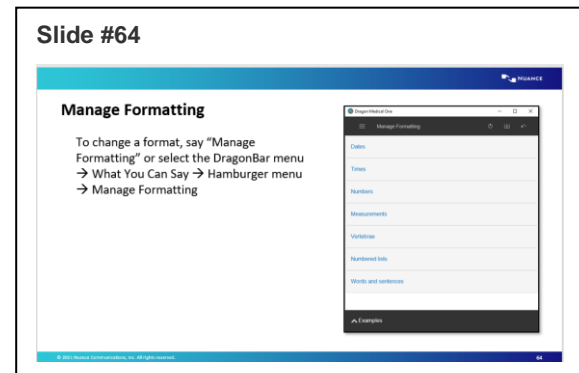
## Manage Formatting

With Manage Formatting option in Dragon Medical One, you can set your preferred format for the words you dictate. This saves time while achieving desired outputs.

Manage Formatting eliminates the need to use a keyboard or mouse to achieve the desired formatting. It supports consistent treatment of the content throughout the documentation.

You can choose or change formats for:

- Dates
- Times
- Numbers
- Measurements
- Vertebrae
- Numbered lists
- Words and sentences



Format	Function	Format options	Examples
<b>Dates</b>	Define how the system writes dates. When you say a date, you can say the month as a number or as a word. Each spoken form has its own settings.	Format dates Months spoken as words Months spoken as numbers	September 12, 2020 9/12/2020
<b>Times</b>	Define how the system writes times.	Write 'o' clock Write "hours in military time"	at 5:00 at 5 o'clock position 1400
<b>Numbers</b>	Define how the system writes numbers.	Write the following numbers as digits Write large numbers (million, billion, ...)	1000 patients Platelet count is over 1.5 million 13th first
<b>Measurements</b>	Define how the system writes measurements. A measurement combines a number or number range with a unit. Settings that define how the system writes units only apply to units that are part of a measurement (follow a number).	Areas and volumes Micro prefix Time units Non-metric US and UK units Other units	ultrasound showed a volume of 129 mm <sup>3</sup> patient is on dopamine 7 mcg daily nitroglycerin patch 0.2 mg/h daily the infant weighed 5 pounds 3 ounces he has 100 degrees of hip flexion and 10 degrees of internal rotation
<b>Vertebrae</b>	Define how the system writes vertebra expressions. To avoid ambiguity, we recommend saying the comma in lists of vertebrae or spinal nerves.	Write the vertebra number Write vertebra ranges Write adjacent vertebrae Write the right side of the vertebra range	C1-2-3 disc protrusion at L IV-V foraminal stenosis from L3-L4 through L5-S1
<b>Numbered lists</b>	Define how the system writes numbered lists.	Enable numbered list formatting Insert before numbered list items Write numbered list items	PLAN: 1. Self intermittent catheterization. 2. Macrobid, chronic suppression.  PLAN: #1. Self intermittent catheterization. #2. Macrobid, chronic suppression.
<b>Words and sentences</b>	Define the general writing style for words and sentences.	Start new lines with a capital letter Number of spaces after punctuation marks Expand contractions	Dear Mr. Smith, We have enclosed additional information. Do not hesitate to call us.

## Changing a Format:

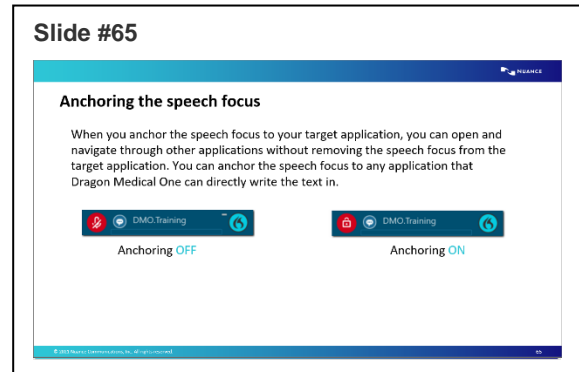
To set formatting preferences:

- Use the voice command **'Manage Formatting'**. Alternatively, click the **Dragon flame**, select **'What You Can Say,'** click the **'hamburger icon'**, and select **'Manage Formatting'**  
The **'Manage Formatting'** window lists the formatting attributes that can be customized
- Select **'Dates.'** Change the format from **'As spoken'** to **'Write the month as digits'** and click **'Save'**

## Anchoring the Speech Focus

**Note:** Depending on the EHR this feature may not be available. If it is, continue with the exercise. If not, do not review.

Explain that if the user needs to go and review orders, labs, x-rays past visits etc., the user can anchor their speech focus before moving away from their note. This allows them to review and continue to dictate while Dragon types everything into their desired text field within the note.



If the user does not Anchor the Speech Focus, everything they dictate will go into the DMO Dictation Box and then they will have to transfer the text.

DMO 2021.4 gives organizations the flexibility to use the sod.exe.config file to enable Basic Text Control for specific URLs such as Chrome-based EHRs and other Chrome-based applications that do not perform optimally with Dragon

To enable Chrome-based URLs with Basic Text Control, you must add the desired URL to the sod.exe.config file.

```
<setting name="BasicTextControls" serializeAs="String">
  <value>
    <BasicTextControls>
      <ProcessName name="chrome" textTransferMethod="">
        <UrlTextToMatch>www.URL.com</UrlTextToMatch>
      </ProcessName>
    </BasicTextControls>
  </value>
</setting>
```

Note that changing this setting at in the configuration file overrides any user-level changes to "What happens when the cursor is placed in an unknown text field" in DMO Options.

## Exercise 15: Anchor Speech Focus

Walk the user through Anchoring the Speech Focus

5. Have the user click into the desired text field with in their EHR.
6. Have the user Say **Anchor Speech Focus**.
  - Point out that the Mic Icon on the DragonBar now shows a lock inside of it.
7. Have the user minimize their note and go and review labs etc. while continuing to dictate.

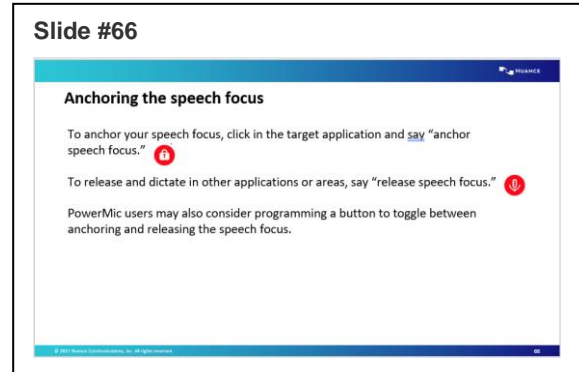
Point out that the dictation box is not appearing because everything they dictated is going into their note

8. Have the user bring their note back up to show them that their dictation is in the desired text field that they had specified.

Explain that once they have finished with that desired text field, they need to release the speech focus before moving onto another field within their note.

To do so:

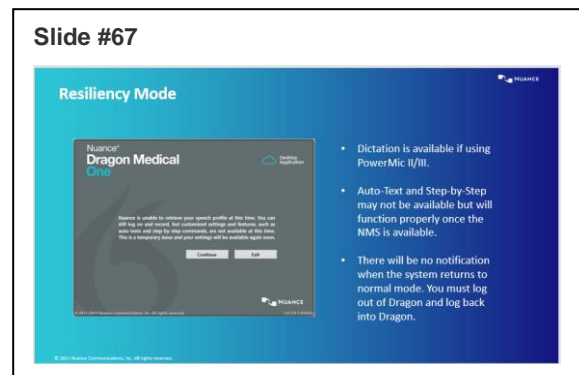
- Have the user Say **Release Speech Focus**
  - Point out that the Mic icon in the DragonBar has returned to normal. The lock is gone.



## Resiliency Mode

Briefly explain about Resiliency Mode and the benefits

- May be automatically enabled for the site
- Allows basic speech service use when the Nuance Management Server (NMS) is unavailable.
- Advanced functionality, such as Auto-Text and Step-by-Step commands may be unavailable. When the NMS is available, this functionality will be available.



## MDCalc Integration

Dragon Medical One Virtual Assistant Capabilities are integrated with MDCalc. With a simple voice command, access MD Calc’s decision support tools and clinical calculators.

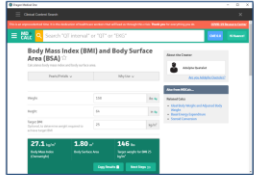
**Slide #68**

**MDCalc Integration**

Dragon Medical One Virtual Assistant Capabilities are integrated with MDCalc. With a simple voice command, access MD Calc’s decision support tools and clinical calculators.

**MDCalc Voice Commands**

- Hey dragon, show me MDCalc
- Hey dragon, open MDCalc
- Hey dragon, ask MDCalc to bring up [CALCULATOR] calculator
- Ex: Okay dragon, launch MDCalc’s BMI calculator
- Hey dragon, start up the apache calculator on MDCalc



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## Nuance Healthcare ID

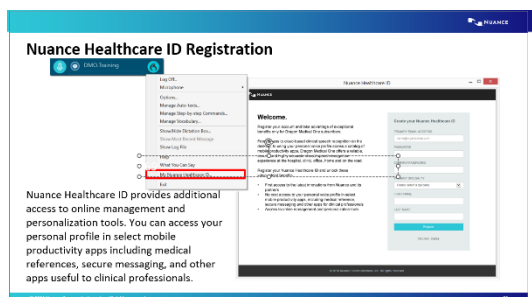
Explain Nuance Healthcare ID is a one-time registration and provides additional access to online management and personalization tools.

- To access the registration for your NHID, click on the DragonBar menu and select ‘My Nuance Healthcare ID’

1. Complete the registration form and click Submit.
  2. You will receive a confirmation email; click the link in this email to complete the registration.
- Note: The link in the registration email expires 30 minutes after it is sent. This link needs to be clicked within a few minutes of submitting the registration to finalize.

**Slide #69**

**Nuance Healthcare ID Registration**



Nuance Healthcare ID provides additional access to online management and personalization tools. You can access your personal profile in select mobile productivity apps including medical references, secure messaging, and other apps useful to clinical professionals.

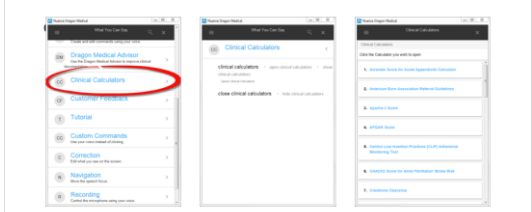
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Once registered, you will have access to clinical calculators. To use clinical calculators, simply say the command “Clinical Calculators” into your Dragon mic.

It will open a list of 33 available calculators. You can click on one you wish to access, complete the questionnaire and it will provide a result. You can use this for reference or transfer the result into your documentation.

**Slide #70**

**Nuance Healthcare ID: Clinical Calculators**



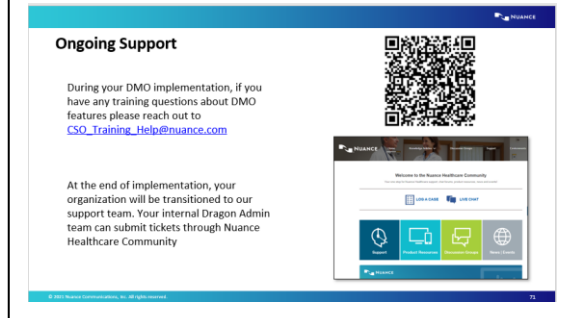
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## Ongoing Support

During your DMO implementation, if you have any training questions about DMO features please reach out to [CSO\\_Training\\_Help@nuance.com](mailto:CSO_Training_Help@nuance.com)

At the end of implementation, your organization will be transitioned to our support team. Your internal Dragon Admin team can submit tickets through Nuance Healthcare Community

### Slide #71



**Ongoing Support**

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## Integrated Learning

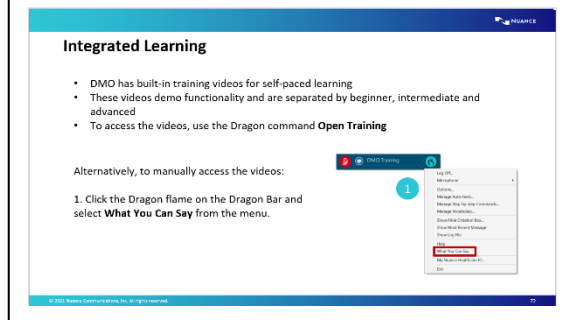
DMO has built-in training videos for self-paced learning

- These videos demo functionality and are separated by beginner, intermediate and advanced
- To access the videos, use the Dragon command **Open Training**

Alternatively, to manually access the videos:

1. Click the Dragon flame on the Dragon Bar and select **What You Can Say** from the menu.
2. Click the hamburger icon (or 3 lines located at top left)
3. Select **Training** from the menu list on the left side

### Slide #72



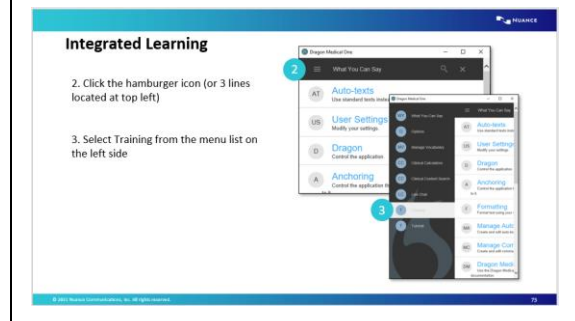
**Integrated Learning**

- DMO has built-in training videos for self-paced learning
- These videos demo functionality and are separated by beginner, intermediate and advanced
- To access the videos, use the Dragon command **Open Training**

Alternatively, to manually access the videos:

1. Click the Dragon flame on the Dragon Bar and select **What You Can Say** from the menu.

### Slide #73



**Integrated Learning**

2. Click the hamburger icon (or 3 lines located at top left)
3. Select **Training** from the menu list on the left side

## DMO Live Chat

DMO Live Chat is an Add-On. Not all organizations will have access. Be sure to check with the PM prior to covering any content on DMO Live Chat.

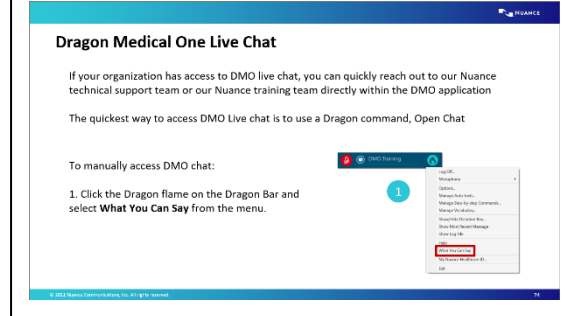
If your organization has access to DMO live chat, you can quickly reach out to our Nuance technical support team or our Nuance training team directly within the DMO application

The quickest way to access DMO Live chat is to use a Dragon command, **Open Chat**

To manually access DMO chat:

1. Click the Dragon flame on the Dragon Bar and select **What You Can Say** from the menu.
2. Click the hamburger icon (or 3 lines located at top left)
3. Select **Live Chat** from the menu list on the left
4. The Live Chat login screen requires that you type in your first name and email. You may also type your last name if you like. Click on the desired support type:
  - a. Chat with Support for technical questions
  - b. Chat with Training for training or functionality questions
5. Your chat will begin in a separate pop-up window.

### Slide #74



**Dragon Medical One Live Chat**

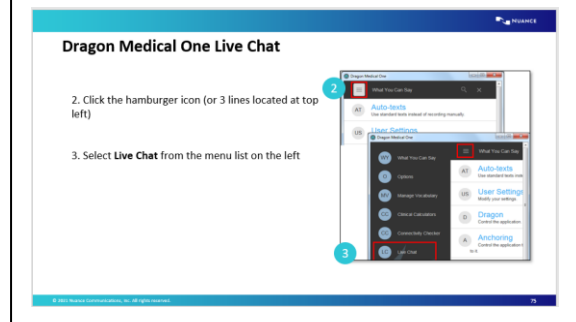
If your organization has access to DMO live chat, you can quickly reach out to our Nuance technical support team or our Nuance training team directly within the DMO application

The quickest way to access DMO Live chat is to use a Dragon command, Open Chat

To manually access DMO chat:

1. Click the Dragon flame on the Dragon Bar and select **What You Can Say** from the menu.

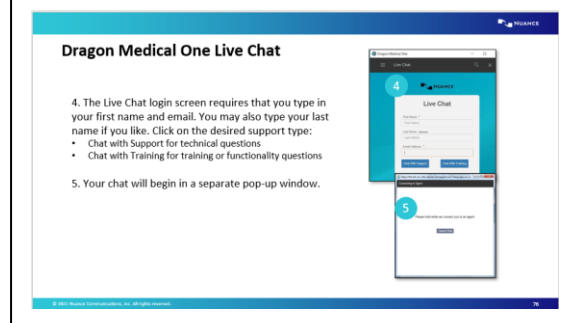
### Slide #75



**Dragon Medical One Live Chat**

2. Click the hamburger icon (or 3 lines located at top left)
3. Select **Live Chat** from the menu list on the left

### Slide #76



**Dragon Medical One Live Chat**

4. The Live Chat login screen requires that you type in your first name and email. You may also type your last name if you like. Click on the desired support type:
  - Chat with Support for technical questions
  - Chat with Training for training or functionality questions
5. Your chat will begin in a separate pop-up window.

## End of Training Session

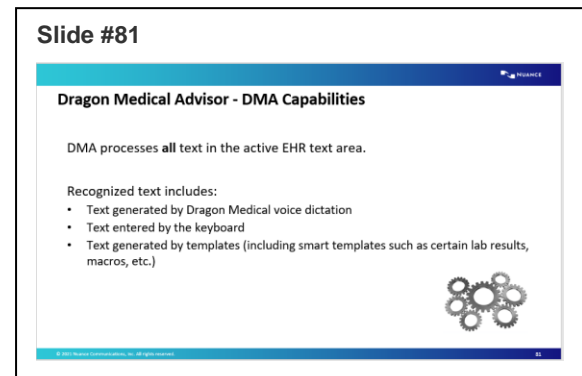
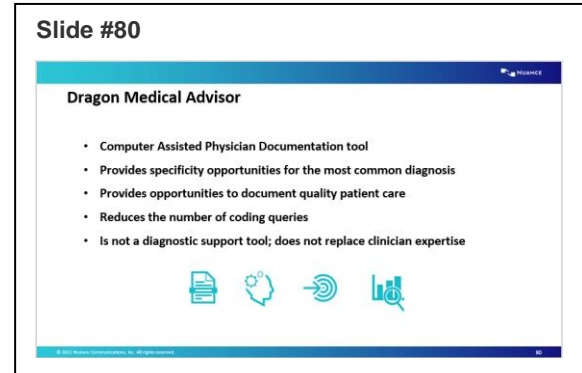
Provide the link to the survey if time.

Review Questions

End of training. Thank you!

## Dragon Medical Advisor

- For clients that purchase licenses for Dragon Medical Advisor, review slides 81-87
- Dragon Medical Advisor is a computer assisted documentation tool. Also known as CAPD. It provides specificity opportunities for most common diagnoses. This increases the documentation quality and reduces in basket queries for documentation improvements.
- It is a tool; it does not replace clinician expertise.
- Explain how DMA processes all text in the active EHR text area.
- Note that recognized text includes:
  - Text generated by Dragon Medical voice dictation.
  - Text entered by the keyboard.
  - Text generated by templates or macros,
- DMA data is analyzed for data in the form that is currently in focus. This means that if an EHR has multiple forms, analysis will be done one form at a time.
- Explain that depending on the EHR, best practice may be to not run DMA until the clinician is ready to view the entire note on a summary or output page.
- Workflow will be refined by EHR as interoperability testing is done by EHR.
- Address questions.





- Advice is presented to providers though an DMA advice window. The window displays the following information when the CLU engine determines documentation can be improved.

- There is a DMA counter on your DragonBar. It will show a number based on how many diagnoses are identified. If there are more than 9 items, the counter will display 9+.

- **Advice** – non-specific diagnosis or procedure identified

- **Specifier** – attributes of non-specific diagnosis or procedure that needs more detail

- **Examples** – attribute details that will resolve the advice

- **Improved conspicuousness of Dragon Medical Advisor notifications.** The Dragon Medical One icon in the notification area will temporarily flash and display the number of available advice items to be reviewed by the user, even if the DragonBar is minimized.

- Note: Users working in virtual server environments will see numbers, but the notification will not flash. This feature was released in DMA 1.8, but requires DMO 2020.1.1 (DMO 2020.1 SR1)

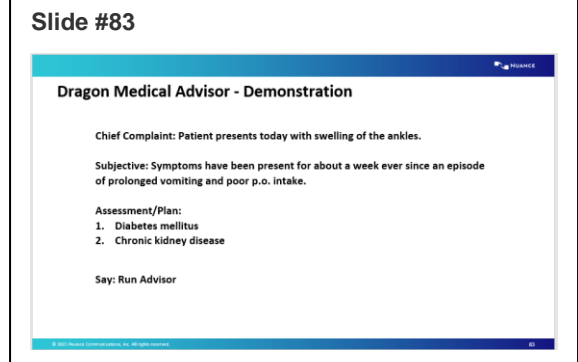
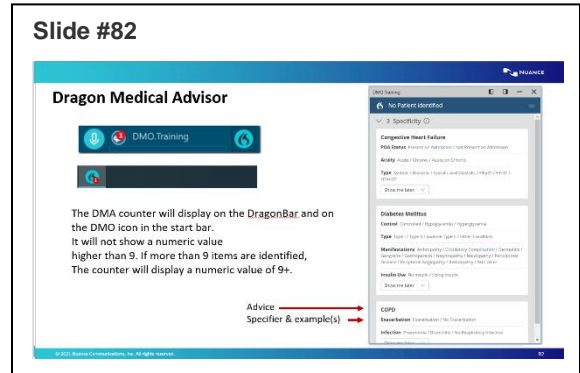
- The advice window can be adjusted for viewing advice while documenting in an EHR environment, depending on the hosted environment (note: in a Citrix-hosted environment, the ability to dock may not be available currently). If enabled, display options include the following:

- Floating, docked left or right, minimized, or closed

- **Note:** in a Citrix environment, the content window cannot resize to accommodate the DMA window

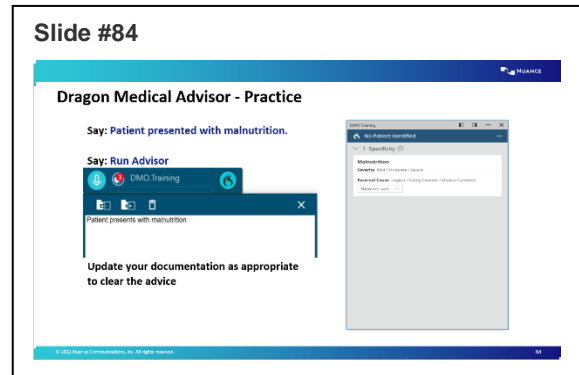
- I will demonstrate how it works. First, I will click into a text field.

- Next, I will dictate this statement (slide 88) **“Chief Complaint [colon] Patient presents today with swelling of the ankles [period] [New Paragraph] Subjective [colon] symptoms have been present for about a week ever since an episode of prolonged vomiting and poor p.o intake [period] [New Paragraph] Assessment Plan [colon] [New Line] Numeral one period Diabetes mellitus [New Line] numeral two period Chronic Kidney disease”**

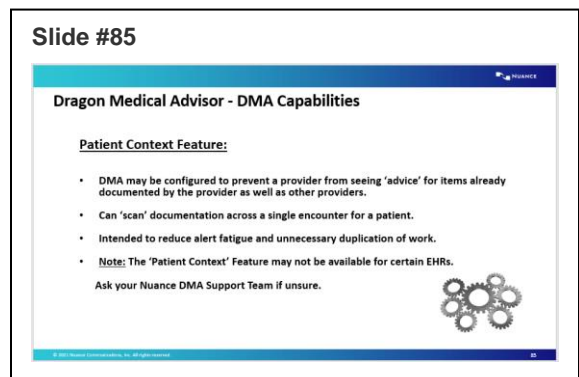


- Say Run Advisor. Note the items that need to be addressed.
- **“Select Diabetes mellitus” “Type 2 diabetes mellitus, in poor control, with peripheral neuropathy. The diabetes is insulin dependent with no other complications.”**
- **“Insert before Chronic Kidney Disease” “Stage II”**

- Now you can try it. Read the text in blue aloud into your text field.
- Utilizing the DMO Dictation box, instruct attendees to **dictate** the text noted on slide and then say, **“Run Advisor.”**
- Instruct attendees to review the specificity advice and update their dictation with specifiers.
- For example, one way to update the statement is to say, **“Patient presented with moderate malnutrition due to an eating disorder.”**



- **Note:** The ‘Patient Context’ Feature may not be available for certain EHRs. Ask your Nuance DMA Support Team if unsure.
- DMA can significantly reduce repetitive advice through the case model (i.e. patient context). Providers benefit because over prompting of advice can lead to alert fatigue. The case model works by keeping track of documentation on each patient encounter. EHRs use “edit-controls” to enter narrative in documents.



As providers enter text into EHR edit-controls during documentation, a copy of the information is securely sent to Nuance’s hosted data center and stored in the patient’s case model. When the CLU engine generates new advice, DMA checks the patient’s case model to see if the advice was previously resolved in existing documentation. If DMA finds resolved advice, new advice will not be displayed; the advice will be suppressed.

- Dragon Medical Advisor provides specificity opportunities for the most common diagnoses, as well as opportunities to document quality patient care.
- There are many benefits to using DMA. It can reduce the number of queries sent to the physician, it can create more detailed and complete progress notes, and ensures that the referenced diagnoses are documented fully and appropriately.
- It processes all the text in the EHR text field. It includes text generated by Dragon dictation, typed on the keyboard, as well as text generated from templates, macros, or checkbox notes.

**Slide #85****Dragon Medical Advisor - Review**

- ✓ DMA searches for diagnoses that are insufficiently specified and provides specificity opportunities for the most common diagnosis, as well as opportunities to document quality patient care.
- ✓ Benefits of DMA include reducing the number of queries to the physician, creating more detailed and complete notes, and ensuring that referenced diagnosis are documented fully and appropriately.
- ✓ DMA processes all text in the active EHR text area. This includes text generated by Dragon voice dictation, text entered by the keyboard, and text generated by normals or macros, or checkbox-generated notes.

## Appendix A: Additional List of Characters for Spell Out Mode

### Special Characters

To get	Say
!	exclamation mark   exclamation point
"	double quote   double quotes   begin double quote   begin double quotes   begin quotation   begin quotation marks   begin quote   begin quotes   left quote   open double quote   open double quotes   open quotation   open quotation marks   open quote   open quotes   quote   quotes   close double quote   close double quotes   close quotation   close quotation marks   close quote   close quotes   end double quote   end double quotes   end of double quote   end of double quotes   end of quote   end quotation   end quotation marks   end quote   end quotes   right quote   unquote
#	hash   hash mark   hash sign   hash tag   number   number sign   pound   pound sign   sharp   sharp sign
\$	dollar   dollar sign
%	percent   percent sign   percent symbol
&	ampersand   and   and sign   and symbol
'	apostrophe   begin single quote   begin single quotes   inverted comma   open single quote   quote   single quotation mark   single quote   close single quote   end single quote   end single quotes   unquote
(	begin paren   begin parentheses   begin parenthesis   bracket   brackets   left bracket   left paren   left parenthesis   open bracket   open brackets   open paren   open parentheses   open parenthesis   parentheses
)	bracket   brackets   close bracket   close brackets   close paren   close parentheses   close parenthesis   end paren   end parentheses   end parenthesis   right bracket   right paren   right parenthesis
*	asterisk   star   star symbol
+	add sign   plus   plus sign   plus symbol
,	comma

-	hyphen   minus sign
.	dot   full stop   period   point
/	forward slash   slash
:	colon   colon mark
;	semicolon
<	left angle bracket   left angle brackets   open angle bracket   open angle brackets   less than   less than sign   less than symbol
=	equal   equal sign   equals   equals sign
>	greater than   greater than sign   greater than symbol   close angle bracket   close angle brackets   right angle bracket   right angle brackets
?	question mark
@	at   at sign
[	left bracket   left square bracket   open bracket   open brackets   open square bracket   open square brackets   start bracket   start brackets
\	backslash
	no break space   nonbreakable space   unbreakable space
	space   space bar
]	close bracket   close brackets   close square bracket   close square brackets   end bracket   end brackets   right bracket   right square bracket
^	caret   hat
_	underscore
`	back tick   backquote

{	left brace   left curly brace   left curly bracket   open brace   open braces   open curly brace   open curly braces   open curly bracket   open curly brackets
	bar   vertical   vertical bar
}	close brace   close braces   close curly brace   close curly braces   close curly bracket   close curly brackets   right brace   right curly brace   right curly bracket
~	centered tilde   tilde
!	inverted exclamation mark   inverted exclamation point
¢	cent   cent sign
£	pound   pound sterling   sterling   sterling sign
¤	general currency   general currency sign   general currency symbol
¥	yen   yen sign
;	broken vertical bar
§	section   section sign   section symbol
©	copyright   copyright symbol
ª	feminine ordinal   feminine ordinal sign   feminine ordinal symbol
«	begin angle quote   begin angle quotes   open French quotation mark   open French quotation marks   open angle quote   open angle quotes   open euro quote   open euro quotes   open guillemet   open guillemets
¬	logical not   logical not sign   logical not symbol   not   not sign   not symbol
-	soft hyphen
®	registered   registered symbol   registered trademark   registered trademark sign   registered trademark symbol
ˉ	macron   macron sign   macron symbol

°	degree   degree symbol
±	plus minus   plus minus sign   plus minus symbol   plus or minus   plus or minus sign   plus or minus symbol
²	square   squared   superscript two
³	cube   cubed   superscript three
μ	Greek mu   micro   micro sign   micro symbol
¶	paragraph   paragraph sign   paragraph symbol
·	center dot   centered dot   middle dot
¹	superscript one
º	masculine ordinal   masculine ordinal sign   masculine ordinal symbol
»	close French quotation mark   close French quotation marks   close angle quote   close angle quotes   close euro quote   close euro quotes   close guillemet   close guillemets   end angle quote   end angle quotes
¼	one quarter   one quarter sign   one quarter symbol   quarter   quarter sign   quarter symbol
½	half   half sign   half symbol   one half   one half sign   one half symbol
¾	three quarters   three quarters sign   three quarters symbol
¿	inverted question mark
–	N dash   dash   double dash
—	M dash
‚	alternate comma
„	double comma
†	dagger   single dagger   single dagger sign   single dagger symbol

‡	double dagger   double dagger sign   double dagger symbol
...	dot dot dot   ellipsis
‰	per mil   per mil sign   per mil symbol   per thousand   per thousand sign   per thousand symbol
€	euro   euro sign
₹	rupee sign
™	trademark   trademark sign   trademark symbol
ƒ	guilder   guilder sign



## Accents

To get	Say
À	capital A accent grave   capital A grave   capital Alfa accent grave   capital Alfa grave   uppercase A accent grave   uppercase A grave   uppercase Alfa accent grave   uppercase Alfa grave
Á	capital A accent acute   capital A acute   capital Alfa accent acute   capital Alfa acute   uppercase A accent acute   uppercase A acute   uppercase Alfa accent acute   uppercase Alfa acute
Â	capital A accent circumflex   capital A circumflex   capital Alfa accent circumflex   capital Alfa circumflex   uppercase A accent circumflex   uppercase A circumflex   uppercase Alfa accent circumflex   uppercase Alfa circumflex
Ã	capital A accent tilde   capital A tilde   capital Alfa accent tilde   capital Alfa tilde   uppercase A accent tilde   uppercase A tilde   uppercase Alfa accent tilde   uppercase Alfa tilde
Ä	capital A accent umlaut   capital A dieresis   capital A umlaut   capital Alfa accent umlaut   capital Alfa dieresis   capital Alfa umlaut   uppercase A accent umlaut   uppercase A dieresis   uppercase A umlaut   uppercase Alfa accent umlaut   uppercase Alfa dieresis   uppercase Alfa umlaut
Å	capital A ring   capital A ring above   capital Alfa ring   capital Alfa ring above   uppercase A ring   uppercase A ring above   uppercase Alfa ring   uppercase Alfa ring above
Æ	capital AE diphthong   capital AE ligature   capital Alfa Echo diphthong   capital Alfa Echo ligature   uppercase AE diphthong   uppercase AE ligature   uppercase Alfa Echo diphthong   uppercase Alfa Echo ligature
Ç	capital C accent cedilla   capital C cedilla   capital Charlie accent cedilla   capital Charlie cedilla   uppercase C accent cedilla   uppercase C cedilla   uppercase Charlie accent cedilla   uppercase Charlie cedilla
È	capital E accent grave   capital E grave   capital Echo accent grave   capital Echo grave   uppercase E accent grave   uppercase E grave   uppercase Echo accent grave   uppercase Echo grave
É	capital E accent acute   capital E acute   capital Echo accent acute   capital Echo acute   uppercase E accent acute   uppercase E acute   uppercase Echo accent acute   uppercase Echo acute

Ê	capital E accent circumflex   capital E circumflex   capital Echo accent circumflex   capital Echo circumflex   uppercase E accent circumflex   uppercase E circumflex   uppercase Echo accent circumflex   uppercase Echo circumflex
Ë	capital E accent umlaut   capital E dieresis   capital E umlaut   capital Echo accent umlaut   capital Echo dieresis   capital Echo umlaut   uppercase E accent umlaut   uppercase E dieresis   uppercase E umlaut   uppercase Echo accent umlaut   uppercase Echo dieresis   uppercase Echo umlaut
Ì	capital I accent grave   capital I grave   capital India accent grave   capital India grave   uppercase I accent grave   uppercase I grave   uppercase India accent grave   uppercase India grave
Í	capital I accent acute   capital I acute   capital India accent acute   capital India acute   uppercase I accent acute   uppercase I acute   uppercase India accent acute   uppercase India acute
Î	capital I accent circumflex   capital I circumflex   capital India accent circumflex   capital India circumflex   uppercase I accent circumflex   uppercase I circumflex   uppercase India accent circumflex   uppercase India circumflex
Ï	capital I accent umlaut   capital I dieresis   capital I umlaut   capital India accent umlaut   capital India dieresis   capital India umlaut   uppercase I accent umlaut   uppercase I dieresis   uppercase I umlaut   uppercase India accent umlaut   uppercase India dieresis   uppercase India umlaut
Ð	capital Icelandic eth   capital eth   uppercase Icelandic eth   uppercase eth
Ñ	capital N accent tilde   capital N tilde   capital N yay   capital November accent tilde   capital November tilde   uppercase N accent tilde   uppercase N tilde   uppercase N yay   uppercase November accent tilde   uppercase November tilde
Ò	capital O accent grave   capital O grave   capital Oscar accent grave   capital Oscar grave   uppercase O accent grave   uppercase O grave   uppercase Oscar accent grave   uppercase Oscar grave
Ó	capital O accent acute   capital O acute   capital Oscar accent acute   capital Oscar acute   uppercase O accent acute   uppercase O acute   uppercase Oscar accent acute   uppercase Oscar acute
Ô	capital O accent circumflex   capital O circumflex   capital Oscar accent circumflex   capital Oscar circumflex   uppercase O accent circumflex   uppercase O circumflex   uppercase Oscar accent circumflex   uppercase Oscar circumflex

Ö	capital O accent tilde   capital O tilde   capital Oscar accent tilde   capital Oscar tilde   uppercase O accent tilde   uppercase O tilde   uppercase Oscar accent tilde   uppercase Oscar tilde
Ö	capital O accent umlaut   capital O dieresis   capital O umlaut   capital Oscar accent umlaut   capital Oscar dieresis   capital Oscar umlaut   uppercase O accent umlaut   uppercase O dieresis   uppercase O umlaut   uppercase Oscar accent umlaut   uppercase Oscar dieresis   uppercase Oscar umlaut
×	multiplication sign   multiplication symbol   multiply   multiply sign   multiply symbol   times   times sign   times symbol
Ø	capital O oblique stroke   capital O slash   capital Oscar oblique stroke   capital Oscar slash   uppercase O oblique stroke   uppercase O slash   uppercase Oscar oblique stroke   uppercase Oscar slash
Ù	capital U accent grave   capital U grave   capital Uniform accent grave   capital Uniform grave   uppercase U accent grave   uppercase U grave   uppercase Uniform accent grave   uppercase Uniform grave
Ú	capital U accent acute   capital U acute   capital Uniform accent acute   capital Uniform acute   uppercase U accent acute   uppercase U acute   uppercase Uniform accent acute   uppercase Uniform acute
Û	capital U accent circumflex   capital U circumflex   capital Uniform accent circumflex   capital Uniform circumflex   uppercase U accent circumflex   uppercase U circumflex   uppercase Uniform accent circumflex   uppercase Uniform circumflex
Ü	capital U accent umlaut   capital U dieresis   capital U umlaut   capital Uniform accent umlaut   capital Uniform dieresis   capital Uniform umlaut   uppercase U accent umlaut   uppercase U dieresis   uppercase U umlaut   uppercase Uniform accent umlaut   uppercase Uniform dieresis   uppercase Uniform umlaut
Ý	capital Y accent acute   capital Y acute   capital Yankee accent acute   capital Yankee acute   uppercase Y accent acute   uppercase Y acute   uppercase Yankee accent acute   uppercase Yankee acute
Þ	capital Icelandic thorn   capital thorn   uppercase Icelandic thorn   uppercase thorn
ß	German sharp S   German sharp Sierra   eszet   letter German sharp S   letter German sharp Sierra   letter eszet   letter sharp S   letter sharp Sierra   sharp S   sharp Sierra
à	A accent grave   A grave   Alfa accent grave   Alfa grave   letter A accent grave   letter A grave   letter Alfa accent grave   letter Alfa grave   lowercase A accent grave   lowercase A grave   lowercase Alfa accent grave   lowercase Alfa grave

á	A accent acute   A acute   Alfa accent acute   Alfa acute   letter A accent acute   letter A acute   letter Alfa accent acute   letter Alfa acute   lowercase A accent acute   lowercase A acute   lowercase Alfa accent acute   lowercase Alfa acute
â	A accent circumflex   A circumflex   Alfa accent circumflex   Alfa circumflex   letter A accent circumflex   letter A circumflex   letter Alfa accent circumflex   letter Alfa circumflex   lowercase A accent circumflex   lowercase A circumflex   lowercase Alfa accent circumflex   lowercase Alfa circumflex
ã	A accent tilde   A tilde   Alfa accent tilde   Alfa tilde   letter A accent tilde   letter A tilde   letter Alfa accent tilde   letter Alfa tilde   lowercase A accent tilde   lowercase A tilde   lowercase Alfa accent tilde   lowercase Alfa tilde
ä	A accent umlaut   A dieresis   A umlaut   Alfa accent umlaut   Alfa dieresis   Alfa umlaut   letter A accent umlaut   letter A dieresis   letter A umlaut   letter Alfa accent umlaut   letter Alfa dieresis   letter Alfa umlaut   lowercase A accent umlaut   lowercase A dieresis   lowercase A umlaut   lowercase Alfa accent umlaut   lowercase Alfa dieresis   lowercase Alfa umlaut
å	A ring   A ring above   Alfa ring   Alfa ring above   letter A ring   letter A ring above   letter Alfa ring   letter Alfa ring above   lowercase A ring   lowercase A ring above   lowercase Alfa ring   lowercase Alfa ring above
æ	AE diphthong   AE ligature   Alfa Echo diphthong   Alfa Echo ligature   letter AE diphthong   letter AE ligature   letter Alfa Echo diphthong   letter Alfa Echo ligature   lowercase AE diphthong   lowercase AE ligature   lowercase Alfa Echo diphthong   lowercase Alfa Echo ligature
ç	C accent cedilla   C cedilla   Charlie accent cedilla   Charlie cedilla   letter C accent cedilla   letter C cedilla   letter Charlie accent cedilla   letter Charlie cedilla   lowercase C accent cedilla   lowercase C cedilla   lowercase Charlie accent cedilla   lowercase Charlie cedilla
è	E accent grave   E grave   Echo accent grave   Echo grave   letter E accent grave   letter E grave   letter Echo accent grave   letter Echo grave   lowercase E accent grave   lowercase E grave   lowercase Echo accent grave   lowercase Echo grave
é	E accent acute   E acute   Echo accent acute   Echo acute   letter E accent acute   letter E acute   letter Echo accent acute   letter Echo acute   lowercase E accent acute   lowercase E acute   lowercase Echo accent acute   lowercase Echo acute
ê	E accent circumflex   E circumflex   Echo accent circumflex   Echo circumflex   letter E accent circumflex   letter E circumflex   letter Echo accent circumflex   letter Echo circumflex   lowercase E accent circumflex   lowercase E circumflex   lowercase Echo accent circumflex   lowercase Echo circumflex

ë	E accent umlaut   E dieresis   E umlaut   Echo accent umlaut   Echo dieresis   Echo umlaut   letter E accent umlaut   letter E dieresis   letter E umlaut   letter Echo accent umlaut   letter Echo dieresis   letter Echo umlaut   lowercase E accent umlaut   lowercase E dieresis   lowercase E umlaut   lowercase Echo accent umlaut   lowercase Echo dieresis   lowercase Echo umlaut
ì	I accent grave   I grave   India accent grave   India grave   letter I accent grave   letter I grave   letter India accent grave   letter India grave   lowercase I accent grave   lowercase I grave   lowercase India accent grave   lowercase India grave
í	I accent acute   I acute   India accent acute   India acute   letter I accent acute   letter I acute   letter India accent acute   letter India acute   lowercase I accent acute   lowercase I acute   lowercase India accent acute   lowercase India acute
î	I accent circumflex   I circumflex   India accent circumflex   India circumflex   letter I accent circumflex   letter I circumflex   letter India accent circumflex   letter India circumflex   lowercase I accent circumflex   lowercase I circumflex   lowercase India accent circumflex   lowercase India circumflex
ï	I accent umlaut   I dieresis   I umlaut   India accent umlaut   India dieresis   India umlaut   letter I accent umlaut   letter I dieresis   letter I umlaut   letter India accent umlaut   letter India dieresis   letter India umlaut   lowercase I accent umlaut   lowercase I dieresis   lowercase I umlaut   lowercase India accent umlaut   lowercase India dieresis   lowercase India umlaut
ð	Icelandic eth   eth   letter Icelandic eth   letter eth   lowercase Icelandic eth   lowercase eth
ñ	N accent tilde   N yay   November accent tilde   November tilde   letter N accent tilde   letter N tilde   letter N yay   letter November accent tilde   letter November tilde   lowercase N accent tilde   lowercase N tilde   lowercase N yay   lowercase November accent tilde   lowercase November tilde
ò	O accent grave   O grave   Oscar accent grave   Oscar grave   letter O accent grave   letter O grave   letter Oscar accent grave   letter Oscar grave   lowercase O accent grave   lowercase O grave   lowercase Oscar accent grave   lowercase Oscar grave
ó	O accent acute   O acute   Oscar accent acute   Oscar acute   letter O accent acute   letter O acute   letter Oscar accent acute   letter Oscar acute   lowercase O accent acute   lowercase O acute   lowercase Oscar accent acute   lowercase Oscar acute
ô	O accent circumflex   O circumflex   Oscar accent circumflex   Oscar circumflex   letter O accent circumflex   letter O circumflex   letter Oscar accent circumflex   letter Oscar circumflex   lowercase O accent circumflex   lowercase O circumflex   lowercase Oscar accent circumflex   lowercase Oscar circumflex

ö	O accent tilde   O tilde   Oscar accent tilde   Oscar tilde   letter O accent tilde   letter O tilde   letter Oscar accent tilde   letter Oscar tilde   lowercase O accent tilde   lowercase O tilde   lowercase Oscar accent tilde   lowercase Oscar tilde
ö	O accent umlaut   O dieresis   O umlaut   Oscar accent umlaut   Oscar dieresis   Oscar umlaut   letter O accent umlaut   letter O dieresis   letter O umlaut   letter Oscar accent umlaut   letter Oscar dieresis   letter Oscar umlaut   lowercase O accent umlaut   lowercase O dieresis   lowercase O umlaut   lowercase Oscar accent umlaut   lowercase Oscar dieresis   lowercase Oscar umlaut
÷	divide   divide sign   divide symbol   division sign   division symbol
ø	O oblique stroke   O slash   Oscar oblique stroke   Oscar slash   letter O oblique stroke   letter O slash   letter Oscar oblique stroke   letter Oscar slash   lowercase O oblique stroke   lowercase O slash   lowercase Oscar oblique stroke   lowercase Oscar slash
ù	U accent grave   U grave   letter U accent grave   letter U grave   letter Uniform accent grave   letter Uniform grave   Uniform accent grave   Uniform grave   lowercase U accent grave   lowercase U grave   lowercase Uniform accent grave   lowercase Uniform grave
ú	U accent acute   U acute   letter U accent acute   letter U acute   letter Uniform accent acute   letter Uniform acute   Uniform accent acute   Uniform acute   lowercase U accent acute   lowercase U acute   lowercase Uniform accent acute   lowercase Uniform acute
û	U accent circumflex   U circumflex   letter U accent circumflex   letter U circumflex   letter Uniform accent circumflex   letter Uniform circumflex   Uniform accent circumflex   Uniform circumflex   lowercase U accent circumflex   lowercase U circumflex   lowercase Uniform accent circumflex   lowercase Uniform circumflex
ü	U accent umlaut   U dieresis   U umlaut   letter U accent umlaut   letter U dieresis   letter U umlaut   letter Uniform accent umlaut   letter Uniform dieresis   letter Uniform umlaut   Uniform accent umlaut   Uniform dieresis   Uniform umlaut   lowercase U accent umlaut   lowercase U dieresis   lowercase U umlaut   lowercase Uniform accent umlaut   lowercase Uniform dieresis   lowercase Uniform umlaut
ý	Y accent acute   Y acute   Yankee accent acute   Yankee acute   letter Y accent acute   letter Y acute   letter Yankee accent acute   letter Yankee acute   lowercase Y accent acute   lowercase Y acute   lowercase Yankee accent acute   lowercase Yankee acute
þ	Icelandic thorn   letter Icelandic thorn   letter thorn   thorn   lowercase Icelandic thorn   lowercase thorn

ÿ	Y accent umlaut   Y dieresis   Y umlaut   Yankee accent umlaut   Yankee dieresis   Yankee umlaut   letter Y accent umlaut   letter Y dieresis   letter Y umlaut   letter Yankee accent umlaut   letter Yankee dieresis   letter Yankee umlaut   lowercase Y accent umlaut   lowercase Y dieresis   lowercase Y umlaut   lowercase Yankee accent umlaut   lowercase Yankee dieresis   lowercase Yankee umlaut
Œ	capital OE diphthong   capital OE ligature   capital Oscar Echo diphthong   capital Oscar Echo ligature   uppercase OE diphthong   uppercase OE ligature   uppercase Oscar Echo diphthong   uppercase Oscar Echo ligature
œ	OE diphthong   OE ligature   letter OE diphthong   letter OE ligature   letter Oscar Echo diphthong   letter Oscar Echo ligature   Oscar Echo diphthong   Oscar Echo ligature   lowercase OE diphthong   lowercase OE ligature   lowercase Oscar Echo diphthong   lowercase Oscar Echo ligature
Š	capital S wedge   capital S with Caron   capital Sierra wedge   capital Sierra with Caron   uppercase S wedge   uppercase S with Caron   uppercase Sierra wedge   uppercase Sierra with Caron
š	S wedge   S with Caron   letter S wedge   letter S with Caron   letter Sierra wedge   letter Sierra with Caron   Sierra wedge   Sierra with Caron   lowercase S wedge   lowercase S with Caron   lowercase Sierra wedge   lowercase Sierra with Caron
ÿ	capital Y accent umlaut   capital Y dieresis   capital Y umlaut   capital Yankee accent umlaut   capital Yankee dieresis   capital Yankee umlaut   uppercase Y accent umlaut   uppercase Y dieresis   uppercase Y umlaut   uppercase Yankee accent umlaut   uppercase Yankee dieresis   uppercase Yankee umlaut
Ž	capital Z with Caron   capital Zulu with Caron   uppercase Z with Caron   uppercase Zulu with Caron
ž	Z with Caron   Zulu with Caron   letter Z with Caron   letter Zulu with Caron   lowercase Z with Caron   lowercase Zulu with Caron

## Appendix: B

### Custom Presentations:

1. Bridge Training; (no add-ons)
  - a. Introduction: slides 2-3; introduction, agenda
  - b. Introduction: slides 6,8,9; what is DMO? What are Benefits of DMO? DMO capabilities
  - c. DMO Basics: slides 10-15; Let's get started, launching DMO, Log-in screen, DragonBar, DragonBar menu items; questions
  - d. Microphone management: slides 16-21; microphone basics, nuance PowerMic, using the microphone, microphone management, mic on/off, questions
  - e. Dictation Basics: Slides 22-24, 26, 27, 29-31; Dictation basics, when you dictate, practice dictating, review commands, correction, dictation box, dictation box, questions
  - f. Vocabulary: slides 32-36, 38; updating vocabulary, adding custom vocabulary, custom vocabulary, enter word as pronounced, manage custom vocabulary, questions
  - g. Custom Commands: slides 39-42, 51-55; dragon medical one commands, basic auto text (2 slides), creating a step-by-step command (3 slides), editing or deleting a step-by-step command, questions
  - h. Odds and Ends: slides 64-76; anchoring speech focus (slides), resiliency mode, nuance healthcare ID, ID registration, clinical calculators, ongoing support, integrated learning, Live chat.
  - i. Survey: slides 77-78; survey, thank you
2. Bridge Training; PMM
  - a. Introduction: slides 2-3; introduction, agenda
  - b. Introduction: slides 6,8,9; what is DMO? What are Benefits of DMO? DMO capabilities
  - c. DMO Basics: slides 10-15; Let's get started, launching DMO, Log-in screen, DragonBar, DragonBar menu items; questions
  - d. Microphone management: slides 16-21; microphone basics, nuance PowerMic, using the microphone, microphone management, mic on/off, questions
  - e. Dictation Basics: Slides 22-24, 26, 27, 29-31; Dictation basics, when you dictate, practice dictating, review commands, correction, dictation box, dictation box, questions



- f. Vocabulary: slides 32-36, 38; updating vocabulary, adding custom vocabulary, custom vocabulary, enter word as pronounced, manage custom vocabulary, questions
  - g. Custom Commands: slides 39-42, 51-55; dragon medical one commands, basic auto text (2 slides), creating a step-by-step command (3 slides), editing or deleting a step-by-step command, questions
  - h. PowerMic Mobile: slides 57-63; PowerMic mobile, features and benefits, installing, configuring, launching, button configuration
  - i. Odds and Ends: slides 64-76; anchoring speech focus (slides), resiliency mode, nuance healthcare ID, ID registration, clinical calculators, ongoing support, integrated learning, Live chat.
  - j. Survey: slides 77-78; survey, thank you
3. Bridge Training; PMM, DMA
- a. Introduction: slides 2-3; introduction, agenda
  - b. Introduction: slides 6,8,9; what is DMO? What are Benefits of DMO? DMO capabilities
  - c. DMO Basics: slides 10-15; Let's get started, launching DMO, Log-in screen, DragonBar, DragonBar menu items; questions
  - d. Microphone management: slides 16-21; microphone basics, nuance PowerMic, using the microphone, microphone management, mic on/off, questions
  - e. Dictation Basics: Slides 22-24, 26, 27, 29-31; Dictation basics, when you dictate, practice dictating, review commands, correction, dictation box, dictation box, questions
  - f. Vocabulary: slides 32-36, 38; updating vocabulary, adding custom vocabulary, custom vocabulary, enter word as pronounced, manage custom vocabulary, questions
  - g. Custom Commands: slides 39-42, 51-55; dragon medical one commands, basic auto text (2 slides), creating a step-by-step command (3 slides), editing or deleting a step-by-step command, questions
  - h. PowerMic Mobile: slides 57-63; PowerMic mobile, features and benefits, installing, configuring, launching, button configuration
  - i. Odds and Ends: slides 64-76; anchoring speech focus (slides), resiliency mode, nuance healthcare ID, ID registration, clinical calculators, ongoing support, integrated learning, Live chat.
  - j. Dragon Medical Advisor: slides 79-87; dragon medical advisor, capabilities, DMA counter and specificity, demonstration, practice, patient context, review, questions

- k. Survey: slides 77-78; survey, thank you
4. New User; no add-ons
- a. Introduction: slides 2-3; introduction, agenda
  - b. Demonstration: slides 4-9; demonstration, what is DMO? What does DMO do? What are Benefits of DMO? DMO capabilities
  - c. DMO Basics: slides 10-15; Let's get started, Log-in screen, DragonBar, DragonBar menu items; questions
  - d. Microphone management: slides 16-21; microphone basics, nuance PowerMic, using the microphone, microphone management, mic on/off, questions
  - e. Dictation Basics: Slides 22-31; Dictation basics, when you dictate, practice dictating, additional commands, review commands, correction, correction review, dictation box, dictation box, questions
  - f. Vocabulary: slides 32-38; updating vocabulary, adding custom vocabulary, custom vocabulary, enter word as pronounced, manage custom vocabulary, DMO review, questions
  - g. Custom Commands: slides 39-55; dragon medical one commands, basic auto text (2 slides), variable auto-text (3 slides), editing an auto-text, deleting an auto-text, navigating through variable fields (2 slides), auto-text dictation with changes, creating a step-by-step command (3 slides), editing or deleting a step-by-step command, questions
  - h. Odds and Ends: slides 64-76; anchoring speech focus (slides), resiliency mode, nuance healthcare ID, ID registration, clinical calculators, ongoing support, integrated learning, Live chat.
  - i. Survey: slides 77-78; survey, thank you
5. New User; PMM
- a. Introduction: slides 2-3; introduction, agenda
  - b. Demonstration: slides 4-9; demonstration, what is DMO? What does DMO do? What are Benefits of DMO? DMO capabilities
  - c. DMO Basics: slides 10-15; Let's get started, Log-in screen, DragonBar, DragonBar menu items; questions
  - d. Microphone management: slides 16-21; microphone basics, nuance PowerMic, using the microphone, microphone management, mic on/off, questions

- e. Dictation Basics: Slides 22-31; Dictation basics, when you dictate, practice dictating, additional commands, review commands, correction, correction review, dictation box, dictation box, questions
- f. Vocabulary: slides 32-38; updating vocabulary, adding custom vocabulary, custom vocabulary, enter word as pronounced, manage custom vocabulary, DMO review, questions
- g. Custom Commands: slides 39-55; dragon medical one commands, basic auto text (2 slides), variable auto-text (3 slides), editing an auto-text, deleting an auto-text, navigating through variable fields (2 slides), auto-text dictation with changes, creating a step-by-step command (3 slides), editing or deleting a step-by-step command, questions
- h. PowerMic Mobile: slides 56-62; PowerMic mobile, features and benefits, installing, configuring, launching, button configuration
- i. Odds and Ends: slides 64-76; anchoring speech focus (slides), resiliency mode, nuance healthcare ID, ID registration, clinical calculators, ongoing support, integrated learning, Live chat.
- j. Survey: slides 77-78; survey, thank you

## 6. New User PMM, DMA

- a. Introduction: slides 2-3; introduction, agenda
- b. Demonstration: slides 4-9; demonstration, what is DMO? What does DMO do? What are Benefits of DMO? DMO capabilities
- c. DMO Basics: slides 10-15; Let's get started, Log-in screen, DragonBar, DragonBar menu items; questions
- d. Microphone management: slides 16-21; microphone basics, nuance PowerMic, using the microphone, microphone management, mic on/off, questions
- e. Dictation Basics: Slides 22-31; Dictation basics, when you dictate, practice dictating, additional commands, review commands, correction, correction review, dictation box, dictation box, questions
- f. Vocabulary: slides 32-38; updating vocabulary, adding custom vocabulary, custom vocabulary, enter word as pronounced, manage custom vocabulary, DMO review, questions
- g. Custom Commands: slides 39-55; dragon medical one commands, basic auto text (2 slides), variable auto-text (3 slides), editing an auto-text, deleting an auto-text, navigating through variable fields (2 slides), auto-text dictation with changes, creating

a step-by-step command (3 slides), editing or deleting a step-by-step command, questions

- h. PowerMic Mobile: slides 57-63; PowerMic mobile, features and benefits, installing, configuring, launching, button configuration
- i. Odds and Ends: slides 64-76; anchoring speech focus (slides), resiliency mode, nuance healthcare ID, ID registration, clinical calculators, ongoing support, integrated learning, Live chat.
- j. Dragon Medical Advisor: slides 79-87; dragon medical advisor, capabilities, DMA counter and specificity, demonstration, practice, patient context, review, questions
- k. Survey: slides 77-78; survey, thank you