

Length/Height/Weight & Growth Grids 2 – WINNIE Online Training Module

MAY 2024

Introduction

Intro

This WINNIE online training module is provided by the Minnesota (MN) Department of Health WIC Program. It is a continued review of the Length/Height/Weight page and Growth Grids in WINNIE, the MN WIC Information System.

Date

All dates in this module are based on today's date being May 3, 2024.

Less than 24 Months Old & Premature

<Transition Slide>

<screen description – no audio> Slide transitions to the Hope Fulle's Health Information page.

Scenario 2-1

In this scenario, we are looking at infant grids as well as the adjustments made if an infant or child under two years old was born premature.

We are certifying Hope Fulle, a one-year-old child born premature, but we are starting on mom's Health Information page since the growth grids that display for Hope are dependent on mom's record.

There are three conditions that must be met in order for the growth grids we are going to see to display:

First, the Preterm or Early Term Delivery must be toggled on.

<screen description – no audio> Slide transitions to Hope Fulle's Health Information page.

Scenario 2-2

Second, the infant must be two-way linked to mom's record.

Lastly, in the infant's Health Information, the system must have calculated the infant's Weeks Gestation at less than 37 weeks.

We'll learn more about all of these things in the Health Information training modules.

<Transition Slide>

<screen description – no audio> Slide transitions to Hope Fulle's Length/Height/Weight page in Certification Mode.

So, let's transition to Certification Mode.

Scenario 2-3

We've already completed the required pages.

Mom brought referral information from a doctor's appointment Hope had on March 27th and we jotted down those measurements (but forgot to write down the date).

Go ahead and add the measurements using only the information on the sticky note.

<audio – hint> Click the Add button.

Sticky Note (displays on Position 3 and Add Measurements slides)

Length = 27" 1/8

Wt = 17 lbs 3 oz

Position 3

The Position default is Recumbent for infants and children under two who should be measured lying down.

OK. Continue adding the measurements.

Click into the Inches field.

<no audio> Add the measurements using only the information on the sticky note. Follow any cues that display.

Add Measurements 1

<no audio> Add the measurements using only the information on the sticky note. Follow any cues that display.

Add Measurements 2

Click into the Pounds field.

<no audio> Add the measurements using only the information on the sticky note. Follow any cues that display.

Add Measurements 2A

<no audio> Add the measurements using only the information on the sticky note. Follow any cues that display.

Add Measurements 3

Click the Save button.

Incorrect Measurement Date

Edit 2-1

So, if it hasn't happened yet, it most likely will at some point...

We didn't adjust the date for the referral information or identify the source as other than the WIC Clinic.

This time we'll jot down the referral date and source.

We need to edit our measurement but if we click the Edit icon...go ahead...

<no audio> Click the Edit icon.

WIC STAFF (thought bubble): So **that** just happened...

WIC STAFF (thought bubble): Completely spaced on changing the date and source...

Do Not Plot 1

The only field we can't edit because it is disabled is the Measurement Date.

We don't want to indicate it's an incorrect measurement because it's not.

But the Measurement Age is wrong, so we are going to toggle on Do Not Plot, which stops the data point from being shown on the Growth Grids.

Per the State WIC Consultants, this is all the documentation we need to do for this measurement record if the date isn't correct.

Go ahead and toggle it on, then click the Save button.

<no audio> Toggle on Do Not Plot then click the Save button.

Do Not Plot 2

<no audio> Toggle on Do Not Plot then click the Save button.

Do Not Plot 3

The Do Not Plot toggle is always enabled so that a data point can be removed from the Growth Grids, or added back, at any time.

Since we can't edit the Measurement Date, we need to create a new measurement record.

So, let's click that Add button.

<no audio> Click the Add button.

Correct Measurement 1

We need to change the Measurement Date.

Click the calendar icon in the Measurement Date field.

One Record Per Day

The system will not allow us to add two measurements for the same date, hence this validation message that reads "A record with this value already exists."

Click it again to open the calendar.

New Date 1

Click the back arrow twice then select March 27.

New Date 2

<no audio> Click the back arrow twice then select March 27.

Add Same Measurements 1

We have to add the same measurements again.

Go ahead and do that following any cues that display.

<no audio> Add the same measurements. Follow any cues that display.

Sticky Note (displays on Add Same Measurements slides)

Length = 27" 1/8

Wt = 17 lbs 3 oz

Add Same Measurements 2

<no audio> Add the same measurements. Follow any cues that display.

Source 1

We also need to update the Source, which defaults to WIC Clinic as the place where the measurements were performed.

Go ahead and click the dropdown.

<no audio> Click the Source dropdown.

Source 2

We always want to document where the measurement was taken for referral information.

Our other options are Medical Clinic, Child & Teen Check-up and Home Visit.

Since the referral was from her health care provider, select Medical Clinic then click Save.

<no audio> Select Medical Clinic then click the Save button.

Source 3

<no audio> Select Medical Clinic then click the Save button.

Grid Order

The second card in the grid is our new measurement, with the corrected date, age of measurement and source, because the grid is ordered by most recent date to least recent date.

We should note that we can add measurements occurring on previous dates in any order.

There aren't any validations other than we can't have a second measurement on the same date and they must fall within the past 60 days.

Next, let's take a look at her Growth Grids.

Click the Growth Grid button.

Premature Grids 1

WINNIE displays two additional Premature grids when the three conditions we reviewed earlier for premature infants are met.

Click the button when ready to continue.

Premature Grids 2

However, MN WIC does not use the Premature grids for assessment or educational purposes since the origin of these grids is unknown, they are not used for risk factor assignment, and there isn't a premature infant growth curve recommended by the American Academy of Pediatrics or CDC.

For all these reasons, we aren't going to review the premature grids in this module.

So, moving on...

Click the 0-24 Length for Age button.

<no audio> Click the 0-24 WHO Len/Age button.

Premature & Grids 1

For premature infants the system also displays a system-calculated Adjusted Age column on the 0-24 WHO grids, which we do use.

Do Not Plot & Grids 1

Notice that although we have 4 measurements, only 2 have plot points.

Since we toggled on Do Not Plot for the 5/3 measurement, that data point does not show on the grid, which is indicated by No in the Plot column.

Premature & Grids 2

The bottom row is also not plotted.

When there is an Adjusted Age, the system plots the measurement based on that age.

If the Adjusted Age is less than 0, since the grid begins at 0, the measurement does not plot.

Premature & Grids 3

So, for the March 27 measurement, instead of plotting at 1 year and 7 days, the data point is plotted at the adjusted age of 11 months and 7 days.

Risk Factor 121 – Short Stature is the only measurement Risk Factor assigned based on Adjusted Age instead of actual age.

All weight-associated risk factors are based on actual age.

Review the other two WHO grids, starting with weight for age.

<no audio> Review the 0-24 WHO WT/Age grid then the 0-24 WHO WT/Len grid.

Premature & Grids 4

<no audio> Review the 0-24 WHO WT/Age grid then the 0-24 WHO WT/Len grid.

Premature & Grids 5

There are three plot points on this grid since Adjusted Age isn't a factor in plotting weight for length.

Go ahead and close the grids.

<no audio> Click the Close button.

Next Module 1

We will continue our review of length/height/weight and growth grids in the next module.

Click the button to continue.

Knowledge Test

True/False Q#1

True or False?

The adjusted age for premature infants is used for assessment and assignment of all risk factors associated with weight and length.

Answer #1

The answer is False.

The adjusted age is only used for assessment and assignment of risk factor 121 – Short Stature. All other weight-associated risk factors use the infant’s actual age.

Multiple Choice Q#2

Which statement is not true?

- A. Since the Measurement Date cannot be edited, if it is incorrect, we only have to toggle on Do Not Plot and then re-enter the measurements with the correct date.
- B. One of the reasons premature grids are not used for assessment or educational purposes is that the origin of these grids is not known.
- C. The Do Not Plot toggle is always enabled for every measurement.
- D. When entering referral measurements with different dates, the system will allow us to enter measurements with dates before or after the last measurement entered as long as it’s not the same date and within the past 60 days.
- E. There isn’t an untrue statement. All are true.

Answer #2

The answer is E. All of those statements are true.

End

End Slide

Thank you for reviewing this WINNIE online training module presented by the Minnesota Department of Health WIC Program.

If you have any feedback, comments, or questions about the information provided, please submit the [WINNIE Questions for the State WIC Office](#) form.

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