



Numeta PN Dosing Recommendations App

For more information or training, please contact us at:

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*instruction for medical use of Numeta G13E. Kazakhstan: Registration certificate: PK-AC-5 №023536 from 16.02.2018 (Date of changes 13.02.2020) Ukraine: Registration certificate: UA/17633/01/01 from 30.08.2019 r. Georgia Order of Director of the Agency for Regulation of Medical and Pharmaceutical activity N02-758/O from 11.05.2020

* instruction for medical use of Numeta G16E. Kazakhstan: Registration certificate PK-AC-5 №023537 from 16.02.2018 (Date of changes 05.03.2020) Ukraine: Registration certificate UA/17605/01/01 from 21.08.2019 r. . Georgia Order of Director of the Agency for Regulation of Medical and Pharmaceutical activity N02-753/O from 08.05.2020

RUSZ/201/20-0003

Log in to the app

Numeta PN Dosing Recommendations App helps you to calculate the dosage of Numeta G13E and G16E.

To access the App, you must fill the registration form by using the [link](#).

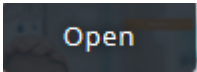
To log in to the App you need to follow the link and enter your username and password
<https://interactive.basecase.com>

Available on your computer and tablet.

The screenshot displays the BaseCase Interactive web application interface. The browser address bar shows the URL <https://interactive.basecase.com/#/library>. The page header includes the BaseCase Interactive logo, the Baxter logo, and a user profile for ksenia_egorova@baxter.com. A sidebar on the left contains navigation options: Board, Library, and Support. The main content area features a search bar and a list of items. Two items are visible, both titled 'Numeta PN Dosing Recommendations'. The first item is in Russian, titled 'Рекомендации по дозированию парентерального питания Нумета', and the second is in English. Both items show a creation date, owner, and expiration date. A blue arrow points to the Russian version, and another blue arrow points to the English version. On the right side, a 'LIBRARY TOOLS' panel is open, showing filters for Type, Status, Validation (QA-RA), and Region/Country, all set to 'Any'.

Log in to the app

After choosing Russian or English version of the Application click on the



BaseCase Interactive

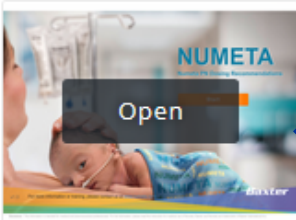
BaseCase Interactive

Board

Library

Support

Go back to list



Open

Numeta PN Dosing Recommendations

Created: February 7

Owner: annelies_de_lil@baxter.com

Expires 29 April 2023

Sharing

Revisions

App contains unpublished changes

Name

Role

You do not have permission to browse the access list.

APP TOOLS

App approved for use

Production (RUSZ/201/20-0002)

1. Status

None

2. Confidentiality Level

None

3. Validation (QA-RA)

None

4. Region/Country

None

5. Language

None

More...

80%

Search

Star

Download

Home

Menu

ksenia_egorova@baxter.com

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Log in to the app

1. Click on the



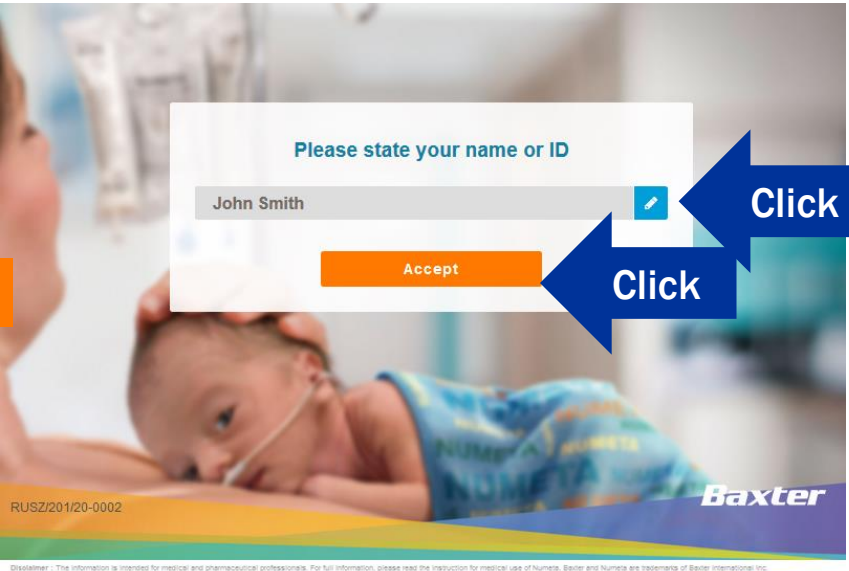
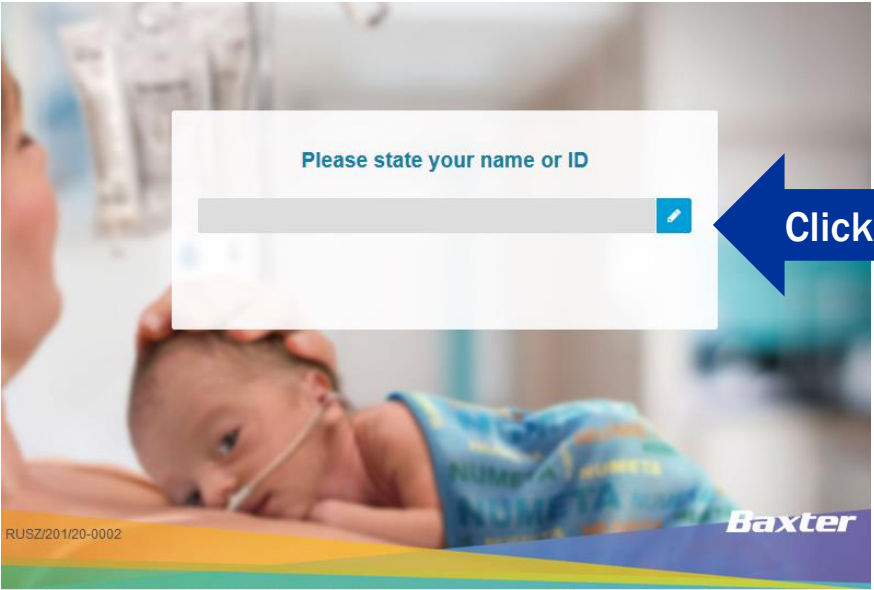
2. Click on the pencil



3. Enter your name and press the tick



4. Click on the



Patient Data

Enter the patient's details on the left side of the screen:

- 1. Date of birth
- 2. Birth weight
- 3. Current weight
- 4. Gestational age

To enter the date of birth, click on the date field.

To quickly search for a date, click on the month and year to open the list

Click

June

2020

January	February
March	April
May	June
July	August
September	October
November	December

June

2020

2000	2001	2002	2003	2004
2005	2006	2007	2008	2009
2010	2011	2012	2013	2014
2015	2016	2017	2018	2019
2020	2021	2022	2023	2024
2025	2026	2027	2028	2029
2030	2031	2032	2033	2034

Click

June 2020

Mon	Tue	Wed	Thu	Fri	Sat
31	1	2	3	4	5
7	8	9	10	11	12
14	15	16	17	18	19
21	22	23	24	25	26
28	29	30	1	2	3
5	6	7	8	9	10

Date of birth

02/06/2020

Day of life

0

Current date

02/06/2020

Birth weight

2,000

grams

Current weight

2,000

grams

Gestational age

27

weeks

0

days

Select product

☒ G13E ☐ G16E

Venous Access

☒ Central ☐ Peripheral

Prescription includes lipids

☒ Yes ☐ No



Administration of the infusion:

- For single use only
- After opening the bag, the content must be used immediately, and never stored for a subsequent infusion

Patient Data

Select a product on the right side of the screen:

1. Numeta G13E or Numeta G16E
2. Central or peripheral venous access
3. Using with or without lipids

Patient Data

Patient data

New prescription

Prescription ID

Numeta

Date of birth

03/06/2020

Day of life

0

Current date

03/06/2020

Dilution

Birth weight

2,000

grams

Current weight

2,000

grams

Product information

Gestational age

27

▼

weeks

0

▼

days

Select product

☒ G13E ☐ G16E

Venous Access

☒ Central ☐ Peripheral

Prescription includes lipids

☒ Yes ☐ No



Administration of the infusion:

- For single use only
- After opening the bag, the content must be used immediately, and never stored for a subsequent infusion

Disclaimer : The information is intended for medical and pharmaceutical professionals. For full information, please read the instruction for medical use of Numeta. Baxter and Numeta are trademarks of Baxter International Inc.

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Patient Data

Numeta G13E is recommended for preterm babies with gestational age up to 37 weeks.

Numeta G16E is recommended for term children with a gestational age of 38 weeks or more.

If you select a product that does not meet the recommendations, you will be asked to add a justification as a reference for the pharmacist.

You can choose not to add a reason and click the button

✓ Accept

The screenshot shows a web application interface for entering patient data. On the left, a vertical sidebar lists categories: Patient data, Numeta, Dilution, and Product Information. The main area is titled 'Patient Data' and contains a 'New prescription' button. Below this, there are input fields for 'Prescription ID', 'Date of birth' (03/06/2020), 'Current date' (03/06/2020), 'Birth weight' (2,000 grams), and 'Gestational age' (27 weeks). To the right, there is a 'Select product' section with radio buttons for G13E and G16E (G16E is selected). Below this, there are options for 'Central' and 'Peripheral' administration, and 'Yes' and 'No' checkboxes. A warning dialog box is overlaid on the form. The dialog has a red header 'Warning' and a red exclamation mark icon. The text inside the dialog reads: 'Gestational age is below 37 weeks, and product Numeta G16E is indicated for patients over 37 weeks gestational age. Would you like to proceed?'. Below this text is a text input field for a rationale. At the bottom of the dialog are two buttons: 'Cancel' and 'Accept'. A blue arrow points to the 'Accept' button with the text 'Click'. The background form is dimmed. At the bottom of the screen, there is a disclaimer and the Baxter logo.

Patient Data

New prescription

Select product

○ G13E ● G16E

Warning

! Gestational age is below 37 weeks, and product Numeta G16E is indicated for patients over 37 weeks gestational age. Would you like to proceed?

Please add your rationale, which will be added to the prescription as a reference for the pharmacist.

✕ Cancel ✓ Accept

Click

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Patient Data

If the peripheral venous access is selected, select the target osmolarity from the drop-down list. You can also set the target osmolarity on the Dilution tab.

Patient data

Numeta

Dilution

Product Information

New prescription

Prescription ID

Date of birth03/06/2020

Day of life0

Current date03/06/2020

Birth weight2,000 grams

Current weight2,000 grams

Gestational age27 weeks0 days

Select product

☒ G13E ☐ G16E

Venous Access

☐ Central ☒ Peripheral

Choose osmolarity target

Prescription includes lipids

650700750800850900

Click

Administration of the infusion:

For single use only

After opening the bag, the content must be used immediately, and never stored for a subsequent infusion

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Numeta Guide

Numeta Volume without dilution

On the Numeta tab, you can select dosing by energy or protein. The app will calculate the required amount of Numeta to meet the daily requirement.

On this tab, the Application calculates the **prescription** without dilution and target osmolarity.

By clicking the button  you can compare the calculated parametres with the ESPGHAN/ESPEN Guide.

Numeta Guide

PN Prescription Summary

Click

Dosing by Amino Acids
g/kg/day

Dosing by total calories
(kcal/kg)

Click

Patient

Numeta

Dilution

Product Information

2.0

g/kg

-

0

2.0

4.0

+

Product

Numeta G13E with lipids

Total Numeta volume

63.8 ml/kg

Osmolarity

1 150 mOsm/l

Prescription

Amino Acids (g/kg)

2.0

Glucose (g/kg)

8.5

Lipids (g/kg)

1.6

Total calories (kcal/kg)

58.0

Non-protein calories (kcal/kg)

50.0

Sodium (mmol/kg)

1.4

Potassium (mmol/kg)

1.3

Magnesium (mmol/kg)

0.1

Calcium (mmol/kg)

0.8

Phosphate (mmol/kg)

0.8

Chloride (mmol/kg)

2.0

Click

ESPGHAN/ESPEN Guidelines

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Prescription on this tab is not final. To view the final prescription, you must go to the Preview RX tab.

Product information

On the tab **Product Information**
You can find information
about products for Your
country

Product Information

Kazakhstan

Numeta G13E

Numeta G16E

Ukraine

Numeta G13E

Numeta G16E

Cancel

Numeta Guide

PN Prescription Summary

Patient data

Numeta

Dilution

Product Information

Potassium (mmol/kg)

Magnesium (mmol/kg)

Calcium (mmol/kg)

Phosphate (mmol/kg)

Chloride (mmol/kg)

ESPGHAN/ESPEN Guidelines

lipids

ption

2.0

8.5

1.6

58.0

50.0

1.4

1.3

0.1

0.8

0.8

2.0

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Dilution

PN Prescription Summary

On the Dilution tab:

- For a Central venous access you can add water to the container or change the target osmolarity
- For a peripheral venous access, you can change the target osmolarity

On this tab, the App calculates the **prescription** with dilution and target osmolarity.

Press the button 

You will see the final prescription with all the parameters taken into account

Volume / Osmolarity

PN Prescription Summary

Input volume of water or set osmolarity target?

Click

Set osmolarity target

Add water manually

Click

Initial osmolarity

1,150 mOsm/L

Volume of water to add to the bag

0 ml

Final osmolarity

1,150 mOsm/L

Product

Numeta G13E with lipids

Total Numeta volume after dilution

63.8 ml/kg

Osmolarity

1,150 mOsm/L

Prescription

Amino Acids (g/kg)2.0

Glucose (g/kg)8.5

Lipids (g/kg)1.6

Total calories (kcal/kg)58.0

Non-protein calories (kcal/kg)50.0

Sodium (mmol/kg)1.4

Potassium (mmol/kg)1.3

Magnesium (mmol/kg)0.1

Calcium (mmol/kg)0.8

Phosphate (mmol/kg)0.8

Chloride (mmol/kg)2.0

ESPGHAN/ESPEN Guidelines

Click

Preview RX

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Preview RX

Prescription can be downloaded and printed by clicking the button

✔ Confirm RX and create PDF

Input summary

RX prepared by: John Smith
Thursday, June 4, 2020

Patient data

Prescription ID:	NA
Date of birth:	02/06/2020
Current date:	04/06/2020
Day of life:	2
Birth weight:	2,000 grams
Current weight:	1,500 grams
Gestational age:	27 weeks 0 days

Numeta

Product:	Numeta G13E with lipids
Use:	Central
Numeta volume kg/day:	64 mL
Numeta total dose /day:	96 mL

Osmolarity

Final osmolarity:	1,150 mOsm/L
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Final osmolarity not taking into account any supplementation for central venous administration only. After supplementation with electrolytes and micronutrients, the admixture should be confirmed if suitable for peripheral infusion.

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Numeta RX – Preview

This information is an example of the use of Numeta G13E with lipids and must not be considered as medical advice. In using Numeta G13E with lipids for any specific patient, good medical judgment must be used to achieve the desired results. Numeta trademark statement. Also "Other trademarks appearing herein are property of their respective owners"

	Dose /kg/day	Total dose/day
Amino Acids (g)	2.0	3.0
Glucose (g)	8.5	12.8
Lipids (g)	1.6	2.4
Total Calories (kcal)	58	87
Non-protein calories (kcal)	50	75
Sodium (mmol)	1.4	2.1
Potassium (mmol)	1.3	2.0
Magnesium (mmol)	0.1	0.1
Calcium (mmol)	0.8	1.2
Chloride (mmol)	2.0	3.0
Water	0	0
Total volume (mL)	64	96
Infusion rate/hr (mL):		4.0
Amount of water to add to the bag		
Water	0.00 ml	

[Go back to Dilution](#)

[✔ Confirm RX and create PDF](#)

Click

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Example of prescription

Prescription includes the following data:

- 1. Patient data
- 2. Volume of Numeta per kg / day, including dilution
- 3. Actual volume of infusion/day, taking into account the patient's weight and dilution
- 4. Final osmolarity
- 5. Infusion rate
- 6. Volume of water to add to the bag

Input summary

RX prepared by: John Smith
Thursday, June 4, 2020

Patient data	
Prescription ID:	NA
Date of birth:	02/06/2020
Current date:	04/06/2020
Day of life:	2
Birth weight:	2,000 grams
Current weight:	1,500 grams
Gestational age:	27 weeks 0 days

Numeta	
Product:	Numeta G13E with lipids
Use:	Central
Numeta volume kg/day:	85 mL
Numeta total dose /day:	128 mL

Osmolarity	
Final osmolarity:	863 mOsm/L

Final osmolarity not taking into account any supplementation - for central venous administration only. After supplementation with electrolytes and micronutrients, the admixture should be confirmed if suitable for peripheral infusion.

Numeta RX – Pharmacy details

This information is an example of the use of Numeta G13E with lipids and must not be considered as medical advice. In using Numeta G13E with lipids for any specific patient, good medical judgment must be used to achieve the desired results. Numeta trademark statement. Also "Other trademarks appearing herein are property of their respective owners"

	Dose /kg/day	Total dose/day
Amino Acids (g)	2.0	3.0
Glucose (g)	8.5	12.8
Lipids (g)	1.6	2.4
Total Calories (kcal)	58	87
Non-protein calories (kcal)	50	75
Sodium (mmol)	1.4	2.1
Potassium (mmol)	1.3	2.0
Magnesium (mmol)	0.1	0.1
Calcium (mmol)	0.8	1.2
Chloride (mmol)	2.0	3.0
Water	0	32

Total volume (mL)	85	128
Infusion rate/hr (mL):	5.3	

Amount of water to add to the bag	
Water	100.00 ml



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Thank you!