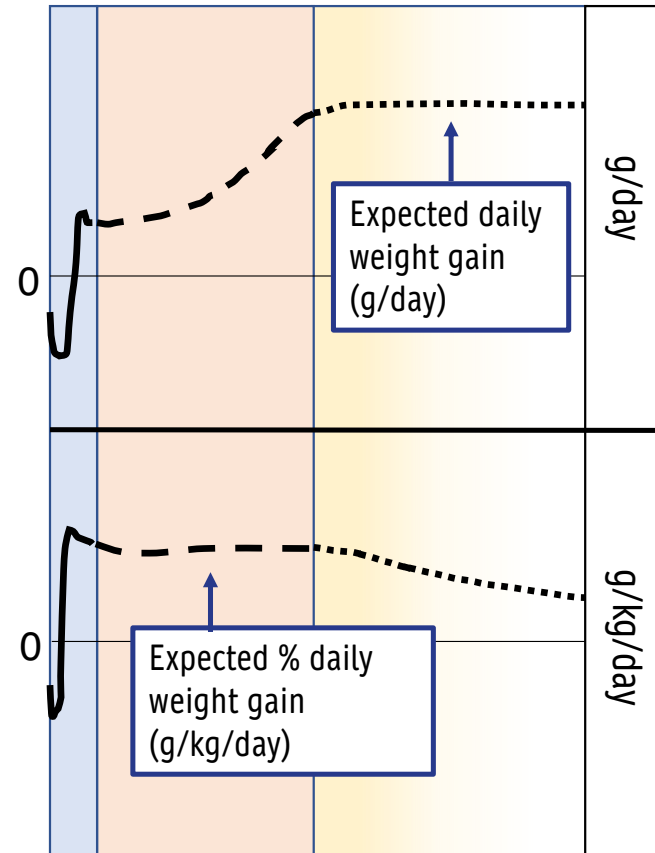


Intrauterine vs. Postnatal Growth

Three Phases of Postnatal Growth

- 1 Initial Weight Loss**
Birth to BW regained
- 2 Weight Acceleration (g/kg/day)**
BW regained to 34 weeks PMA
- 3 Stable Weight Gain (g/day)**
34 weeks PMA and beyond



34 weeks PMA

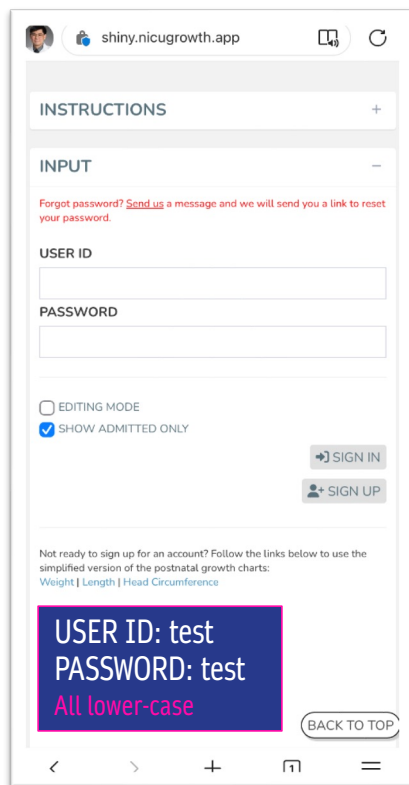
Figure 3

WebApp - Public Data Sharing

<https://shiny.nicugrowth.app/webapp-full/>



nicugrowth.app
Full-Version WebApp



shiny.nicugrowth.app

INSTRUCTIONS

INPUT

Forgot password? [Send us a message](#) and we will send you a link to reset your password.

USER ID

PASSWORD

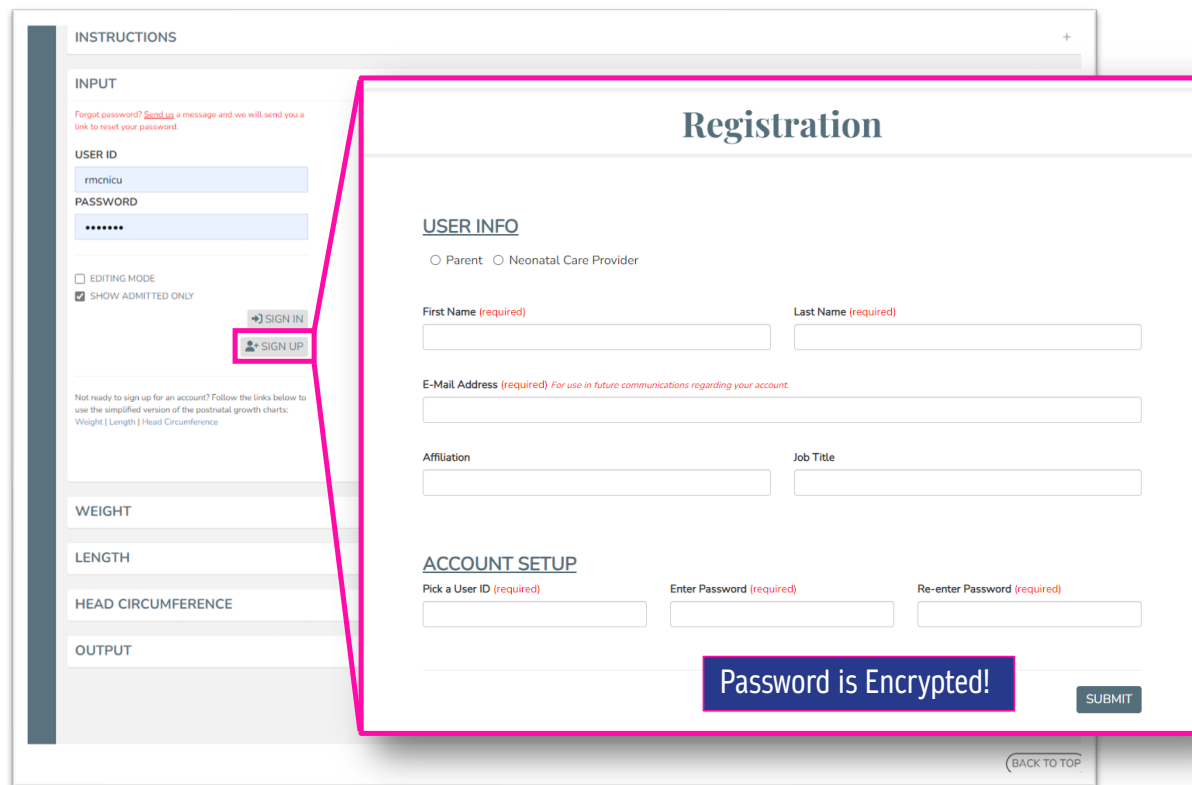
EDITING MODE
 SHOW ADMITTED ONLY

SIGN IN SIGN UP

Not ready to sign up for an account? Follow the links below to use the simplified version of the postnatal growth charts:
[Weight](#) | [Length](#) | [Head Circumference](#)

USER ID: test
PASSWORD: test
All lower-case

BACK TO TOP



INSTRUCTIONS

INPUT

Forgot password? [Send us a message](#) and we will send you a link to reset your password.

USER ID

rmcnicu

PASSWORD

.....

EDITING MODE
 SHOW ADMITTED ONLY

SIGN IN SIGN UP

Not ready to sign up for an account? Follow the links below to use the simplified version of the postnatal growth charts:
[Weight](#) | [Length](#) | [Head Circumference](#)

Registration

USER INFO

Parent Neonatal Care Provider

First Name (required) Last Name (required)

E-Mail Address (required) *For use in future communications regarding your account.*

Affiliation Job Title

ACCOUNT SETUP

Pick a User ID (required) Enter Password (required) Re-enter Password (required)

Password is Encrypted!

SUBMIT

BACK TO TOP

WebApp - Public Data Sharing

Step 3.
Double-click on a corresponding cell to enter value

Step 1.
Select or create an ID
Enter GA/Sex if new ID

INPUT

Select an Infant
Parker6771

GA (week)
31

GA (day)
3

Sex
Male

Step 6.
Check if discharged

Check if discharged

✈️ READY-SET-GO ✈️

Step 2.
Click READY-SET-GO to load datatable
& calculate percentile/z-score

DOL	Week	Day	Weight	Weight_Z	Length	Length_Z	HC	HC_Z
0	31	3	2000	1.57 (94.2%ile)	43	0.76 (77.7%ile)	31	(94.4%
1	31	4						
2	31	5						
3	31	6						
4	32	0						
5	32	1						
6	32	2	1880	1.46 (92.8%ile)	45	1.28 (89.9%ile)	30	(84.9%
7	32	3	1890	1.41 (92.1%ile)				
8	32	4						
9	32	5	1920	1.33 (90.8%ile)				

Step 4.
Click to (re)calculate percentile/z-score

Step 5.
Save the entered data

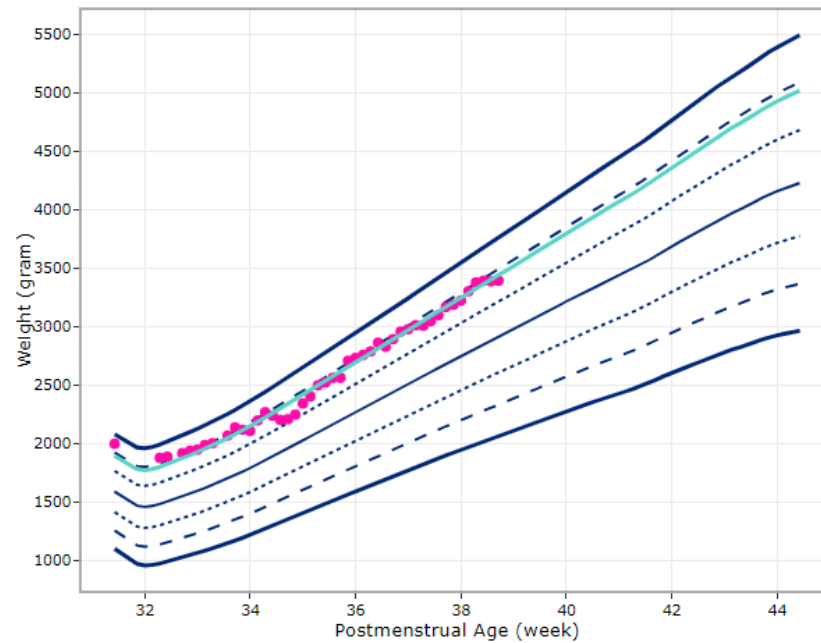
DELETE SAVE ASSESS WEIGHT



nicugrowth.app
Full-Version WebApp

WebApp - Public Data Sharing

WEIGHT



Set DOL Range

0 91

0 9 18 27 37 46 55 64 73 82 91

BW regained 0-27d Last 7d < last 7d

All

Trajectory Percentile (z-score):
88% (1.17)

Transition to WHO Charts at:
3953 grams (40w3d PMA)

Weight acceleration phase:
15.3±1.3 g/kg/day

Stable weight gain phase:
39.4±3.1 g/day



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