



**HARVARD**  
MEDICAL SCHOOL

**BRIGHAM HEALTH**



**BRIGHAM AND  
WOMEN'S HOSPITAL**

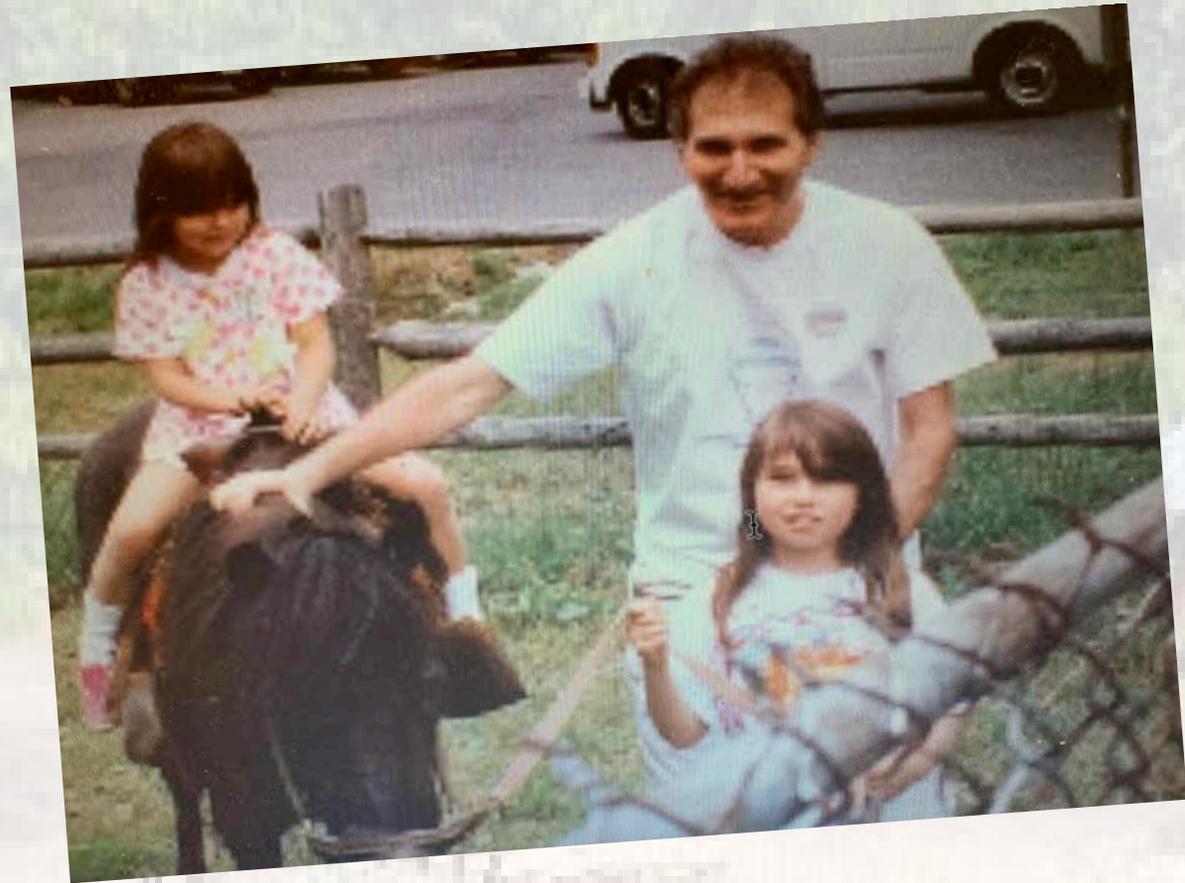
Department of Pediatric Newborn Medicine

# Food for thought: research on optimal nutrition for preterm infants

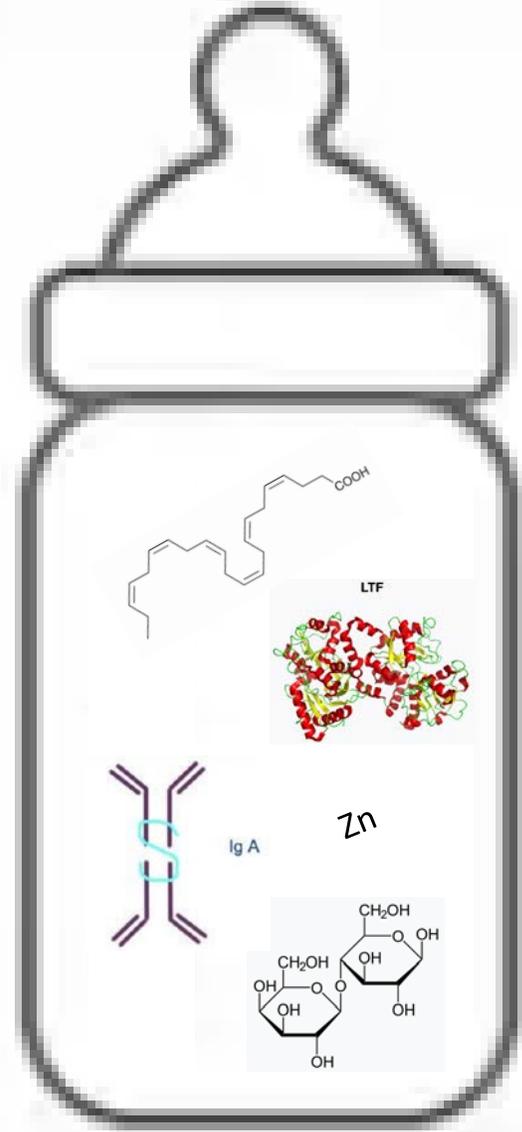
**Mandy Brown Belfort, MD MPH**

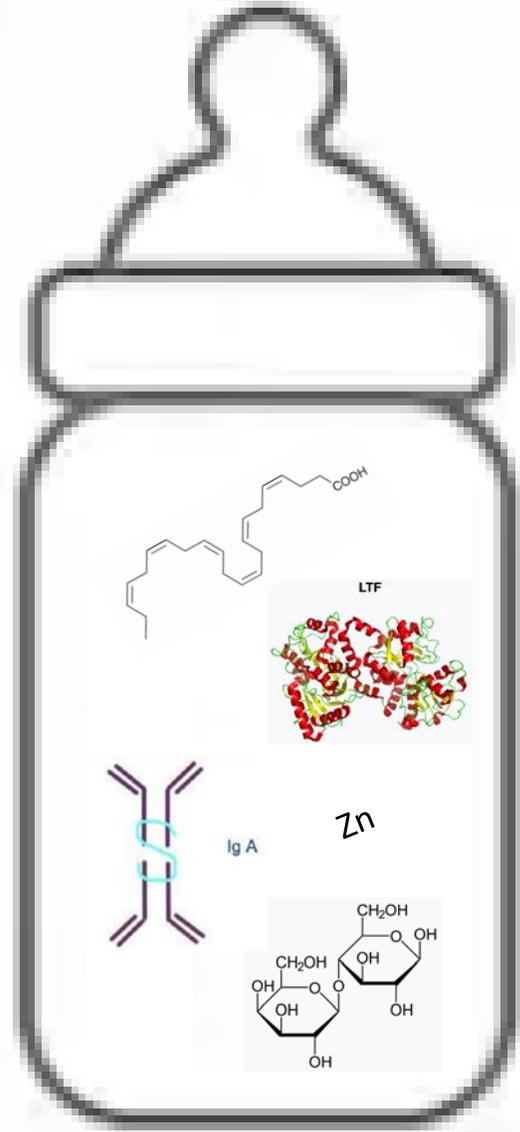
NACHHD Council Meeting

January 23, 2020











GUIDE TO FEATURES

Book ..... 15  
 Bridge ..... 28  
 Calendar ..... 25  
 Classified ..... 27  
 Comics ..... 23  
 Cross-Word ..... 25  
 Deaths ..... 25  
 Dr. Crane ..... 25  
 Editorials ..... 14  
 Financial ..... 15  
 15 Obituaries ..... 30  
 28 Post ..... 30  
 25 Radio-TV ..... 22  
 27 Society ..... 27  
 23 Sports ..... 23-25  
 25 Star Gazer ..... 25  
 25 Theater ..... 25-27  
 25 Telegram ..... 25  
 14 Women ..... 23-25

# The Boston Globe

MORNING EDITION

THURSDAY, AUGUST 8, 1963

Telephone AV 8-8000

44 PAGES—10c

GOLD STANDARD

THURSDAY—Sunny, low 80's  
 FRIDAY—Fair

High Tide

1:46 a.m. 2:15 p.m.

Sun Rises Sun Sets

5:11 7:58

Full Report on Page 20.

## BABY SPED TO BOSTON



Infant Arrives at Children's Medical Center

Isolette, a portable incubator, is taken from ambulance. (UPI Photo)

### Has Trouble Breathing; Kennedy Stands by Here

By DOUGLAS S. CROCKET

Patrick Bouvier Kennedy—the first child born to a United States President in office in 65 years—fought a potentially serious respiratory ailment in Children's Medical Center this morning.

Reports of the infant's condition, and progress in his fight, were sparse, but shortly before midnight White House Press Secretary Pierre Salinger said the baby was not in critical condition.

That was the last report given out as of 4 a.m.

President Kennedy, flown here by helicopter, spent an anxious night at the Ritz Carlton. The President, who visited his third child briefly at Children's Medical Center, retired for the night at 11:30.

He planned to return at 9:45 a.m. today to Otis Air Force Base to visit Mrs. Kennedy, reported distressed over her baby's ailment but otherwise in "excellent condition."

The President plans to return to Boston to see the baby again tonight.

Mrs. Kennedy's mother, Mrs. Hugh D. Auchincloss, visited the base hospital shortly before midnight and told reporters she had found her daughter "remarkably well" and "in good spirits."

Mrs. Auchincloss, smartly dressed in a black suit with a double strand of pearls, spent about 20 minutes in the hospital room. She had been shopping in New York with another daughter, Janet, when she learned of the birth.

Mrs. Auchincloss and Janet spent the night at the Officers' Club at Otis.

Salinger said that the baby will be in the Boston hospital for at least four days.

"It takes that long for the condition to develop to a point where doctors can make a final diagnosis," he said.

Salinger was asked if the Baby was on the danger list.

"I would not say that," he replied.

Salinger then was asked, "Would anybody else?"

"Well, nobody that I talked to," he answered.

Children's Medical Center said it was forbidden to give out information on the baby's condition because it had been told all such information must come from Salinger.

The baby was rushed the 65 miles from the base in an Isolette—an improved—incubator.

Attending him during the police escorted trip was Dr. James E. Dorrbaugh of Brookline, a specialist in children's respiratory diseases.

THIRD CHILD Page 3

The timetable of events from the birth of the boy through the drama which accompanied the baby and his famous father to Boston. Page 6.



MRS. KENNEDY  
 Condition excellent



After Visiting Baby

President leaves Children's Hospital

### King Names FBI Agent Powers to Head N.H. Sweeps

By EDWARD G. McGRATH

RYE, N.H.—New Hampshire endowed its controversial state lottery with a protective cloak of integrity Wednesday by naming FBI veteran Edward J. Powers as sweepstakes czar.

Gov. John W. King and his corruptible as the F.B.I. three-man special sweepstakes commission enticed the agent-in-charge of the Boston office from his government position to the role of executive director of the New Hampshire.

## Whole World Taken By Littlest Kennedy

By GLORIA NEGRI

He is only 4 pounds 10½ ounces, but Wednesday he held the heart-strings of the world in his little red fists.

In Washington, Bonn, Squaw Island, Hyannis Port, Rome, Paris and in the Kremlin, heads of state waited upon his every move along with the peasant in the field and the man on the street.

He set in motion a series of events within a matter of minutes that would take even a king at least a day. He caused the President of the United States to drop everything in Washington and fly to a homely, green barracks on Cape Cod to be there to receive him.

He caused, through circumstances beyond his control, the mobilization of some of the country's most skilled medical men. And, for the same reason, he caused some people who seldom pray to ask the Lord to be

just arrived through His grace.

With a name like Patrick Bouvier Kennedy he couldn't have done less.

The littlest Kennedy of them all chose a fine Summer day to arrive on Cape Cod. His timing was bad though, because his raven-haired mother, Jacqueline Bouvier Kennedy, wasn't expecting him for another five-and-one-half weeks.

So, it was logical that she should take her two other children, Caroline, 5½, and John Jr., 2½, out to a stable in Osterville on Cape Cod to look at the horses.

It was there, at 11 in the morning, that Mrs. Kennedy realized her child's birth was imminent. Twenty-eight minutes later, Mrs. Kennedy was in a helicopter with Dr. John Walsh and flown to a specially-equipped building at Otis Air Force Base in Falmouth.

### They Helped — And Hoped

The mobilization of Children's Hospital to receive the President's son. Page 4.

The quiet, precise police escort which led the Otis Air Force Base ambulance to Boston. Page 6.

The story of Brooklyn-born Dr. John W. Walsh, who now has delivered two Kennedy sons. Page 6.

The Ritz Carlton Hotel buzzed with excitement awaiting the arrival of the President. Page 5.

The Brookline specialist who is charged with attending the Kennedy baby. Page 6.

The timetable of events from the birth of the boy through the drama which accompanied the baby and his famous father to Boston. Page 6.

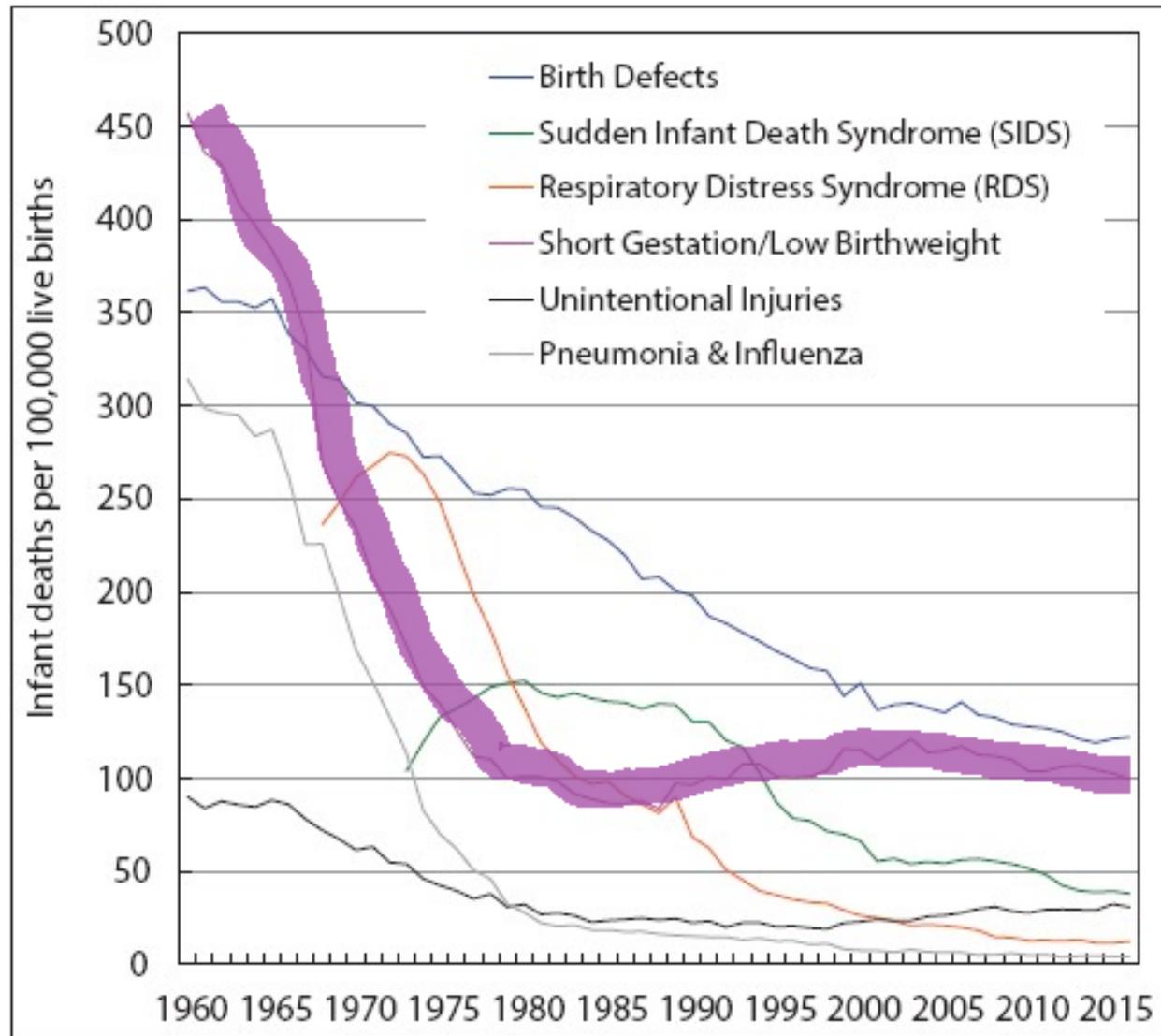
# Kennedy Baby Dies At Boston Hospital; President at Hand

By The Associated Press

BOSTON, Friday, Aug. 9—

The new baby boy of President and Mrs. Kennedy died

'He's a Kennedy He'll Make It'



# N I C U

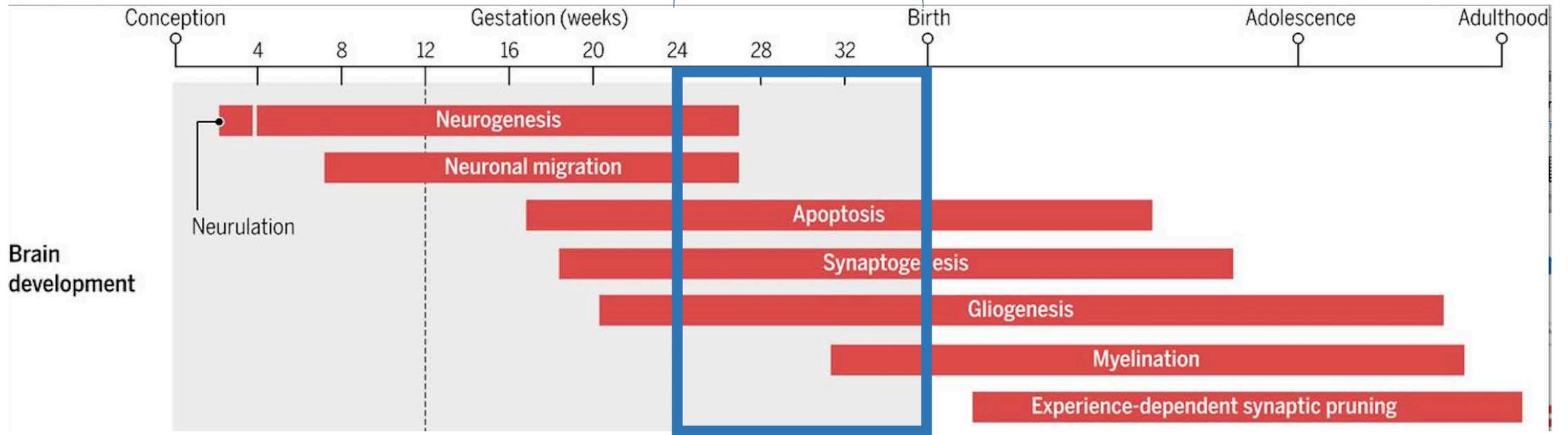
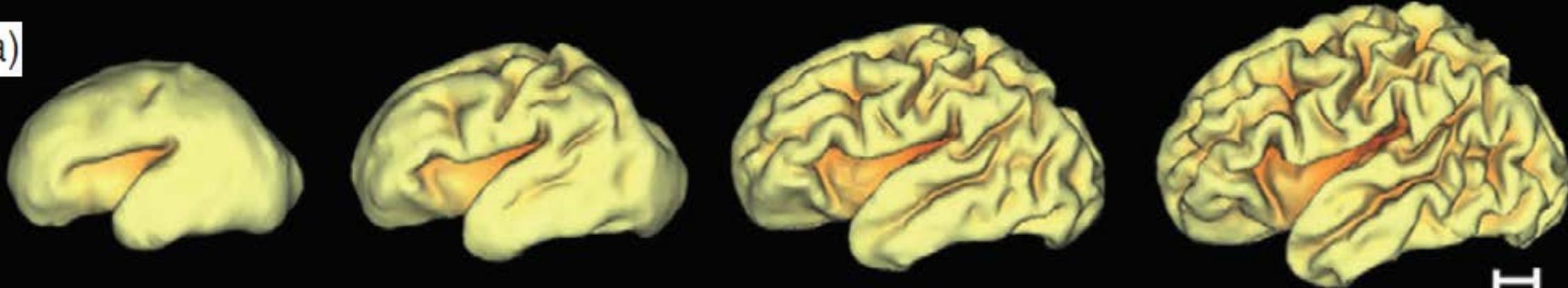
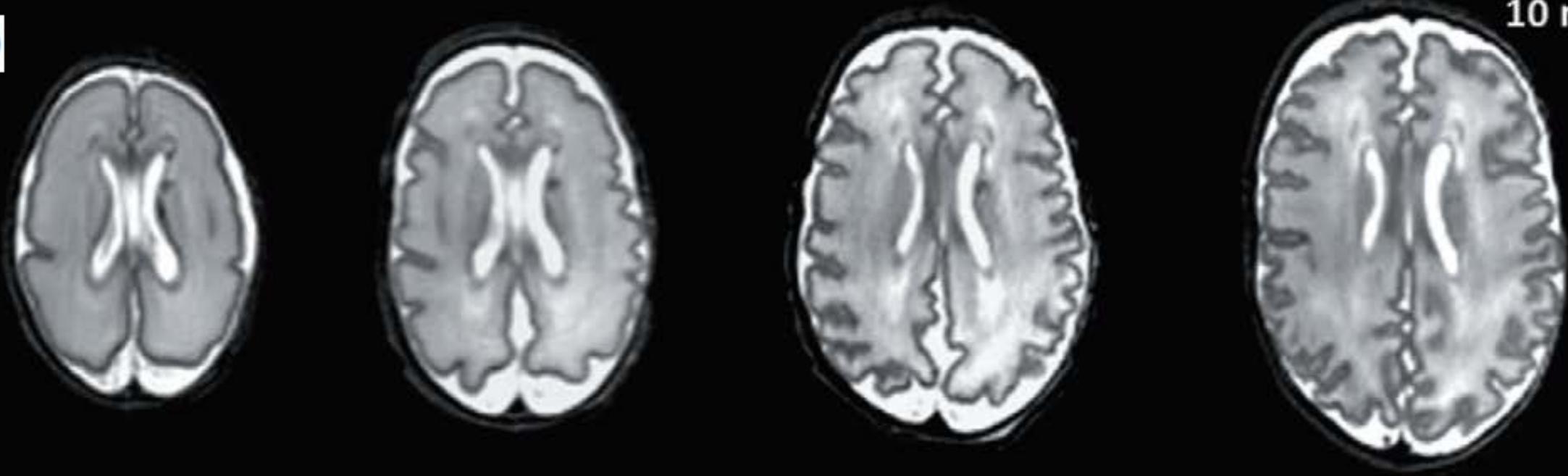


Figure from Estes & McAllister *Science* 2016

(a)



(b)



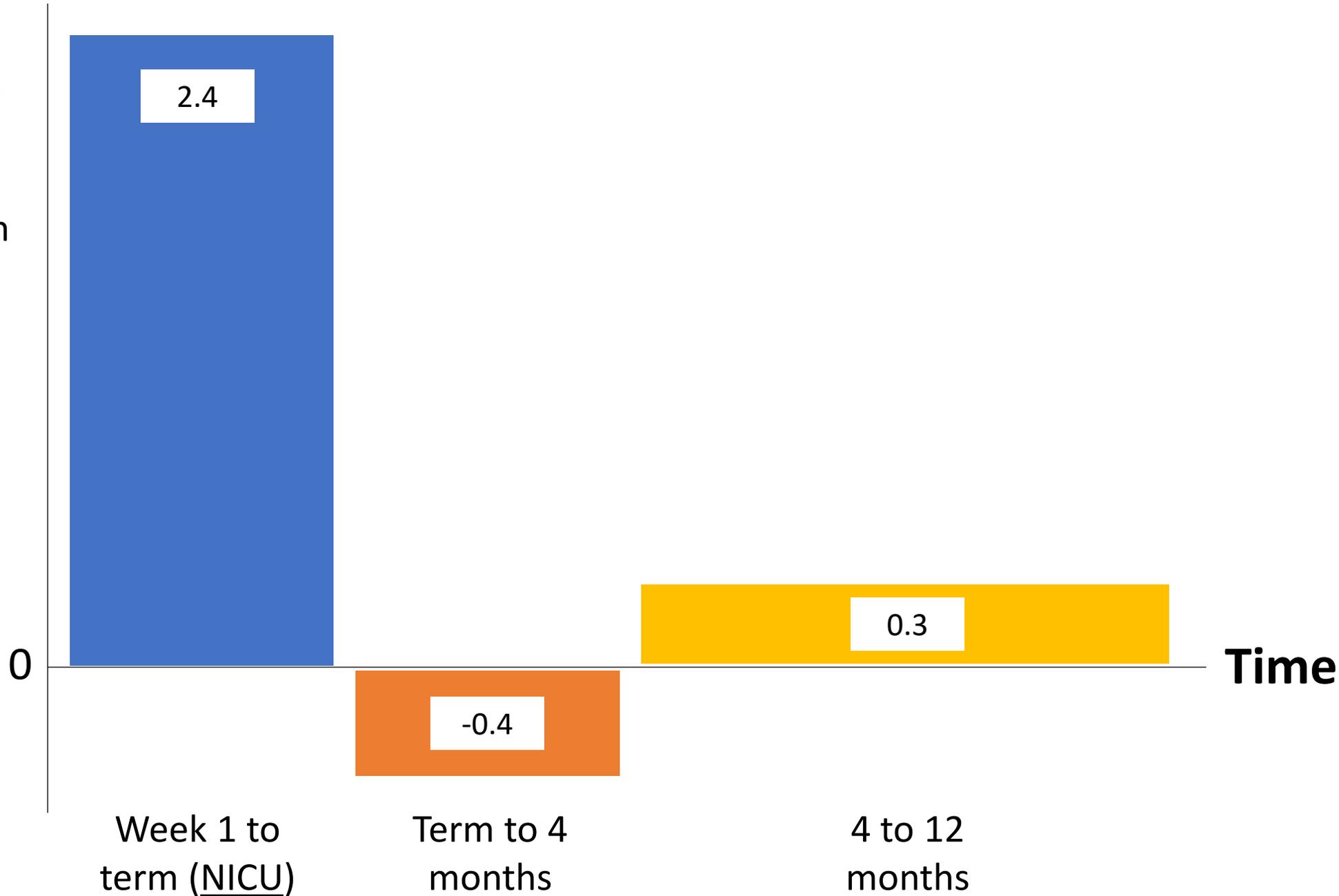
28 weeks

31 weeks

34 weeks

38 weeks

Bayley MDI points  
at 18-22 months'  
corrected age per  
z-score weight gain

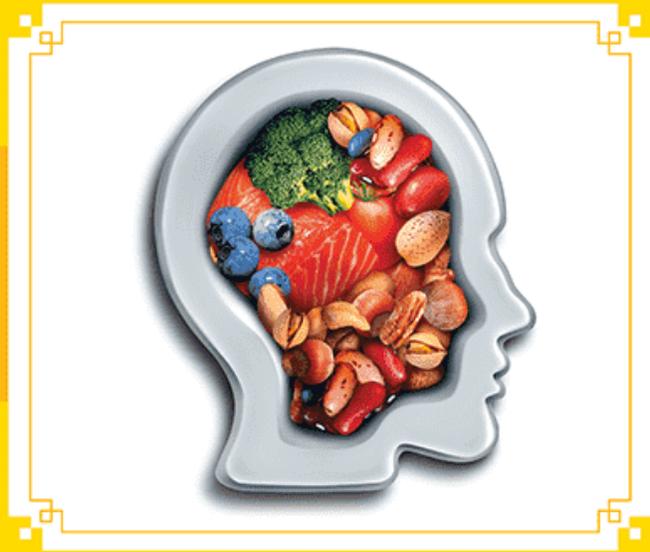




Policy of the  
American Academy  
of Pediatrics

# Pediatric Nutrition

8th Edition

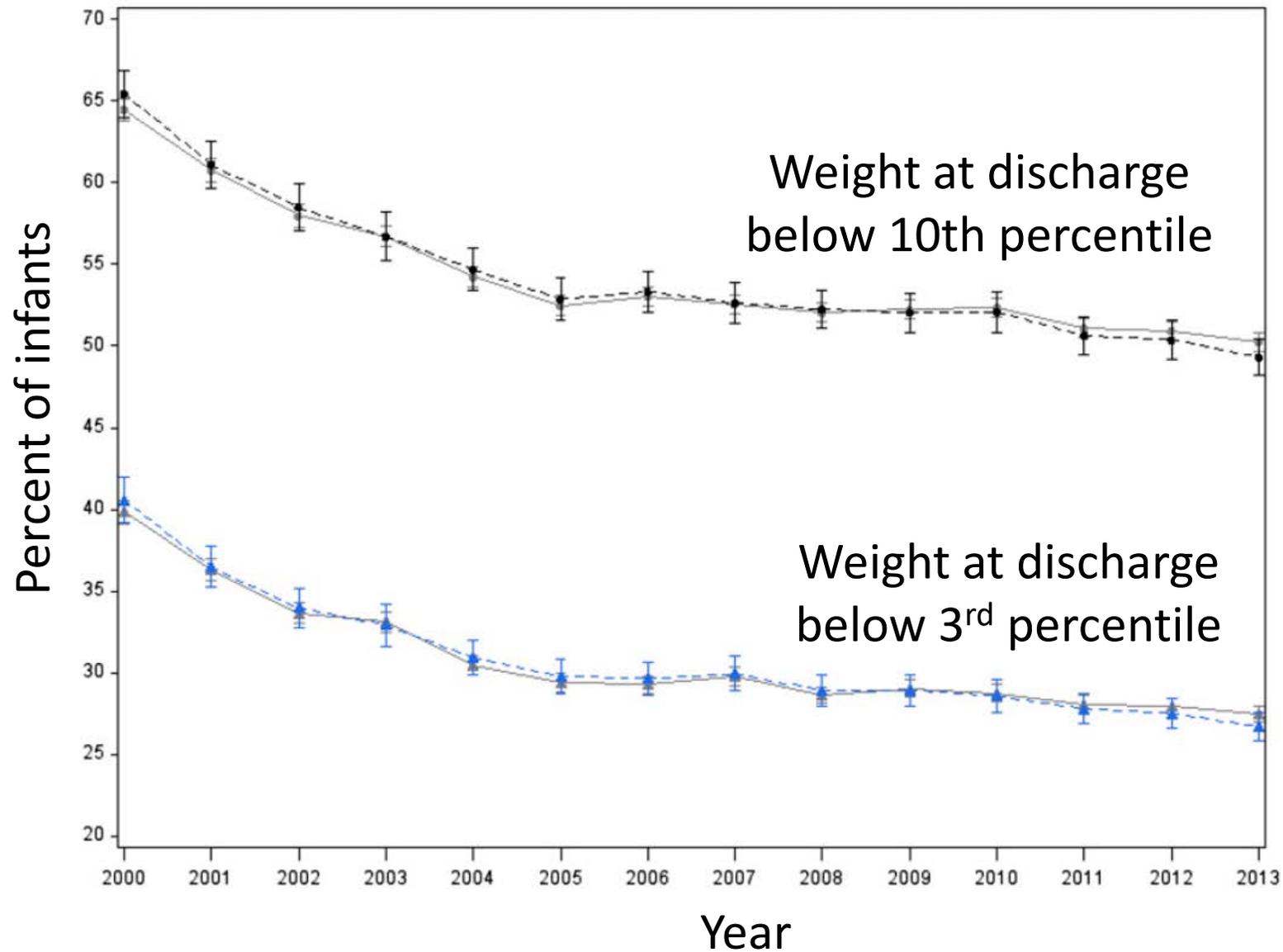


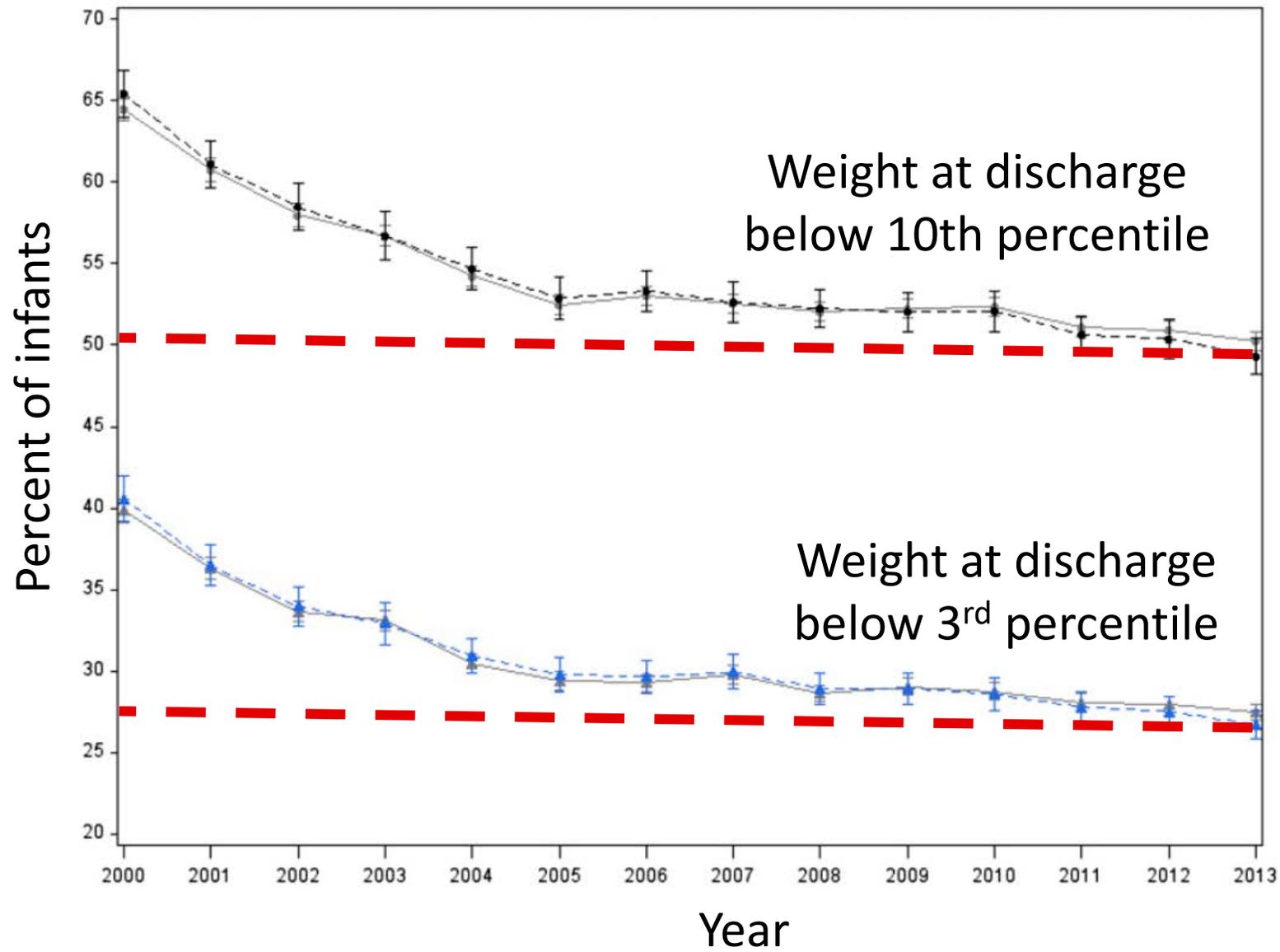
American Academy of Pediatrics

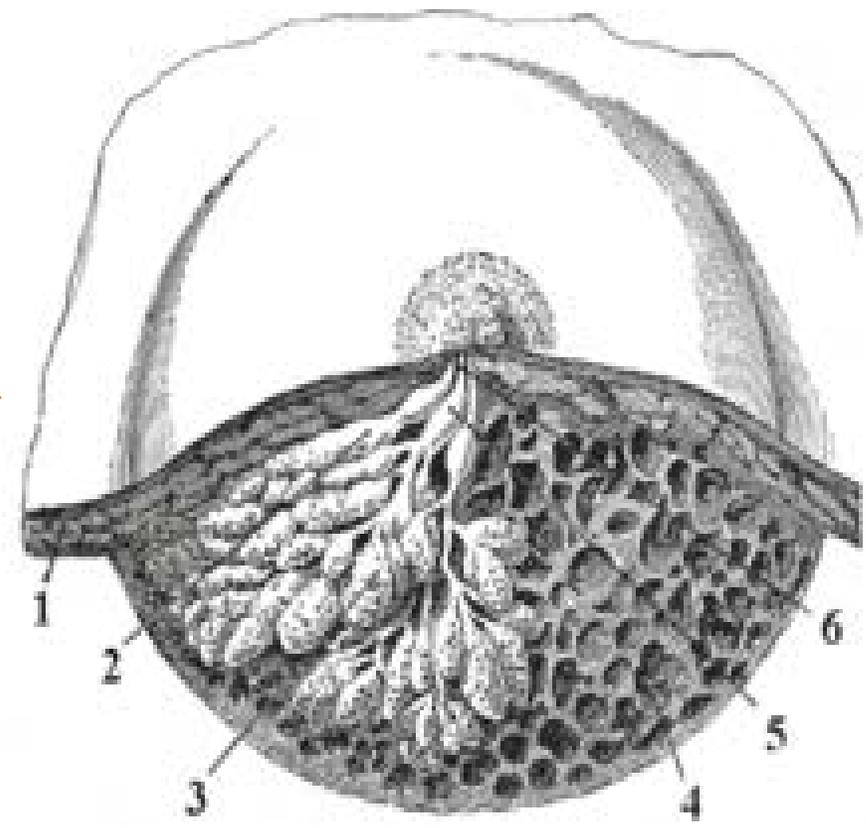
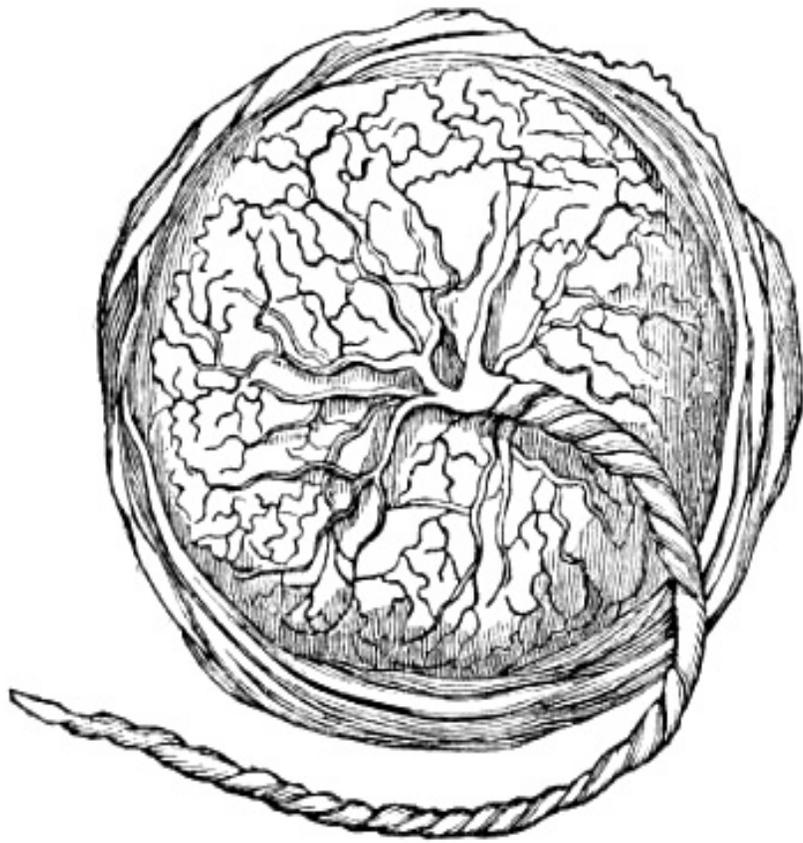
DEDICATED TO THE HEALTH OF ALL CHILDREN®

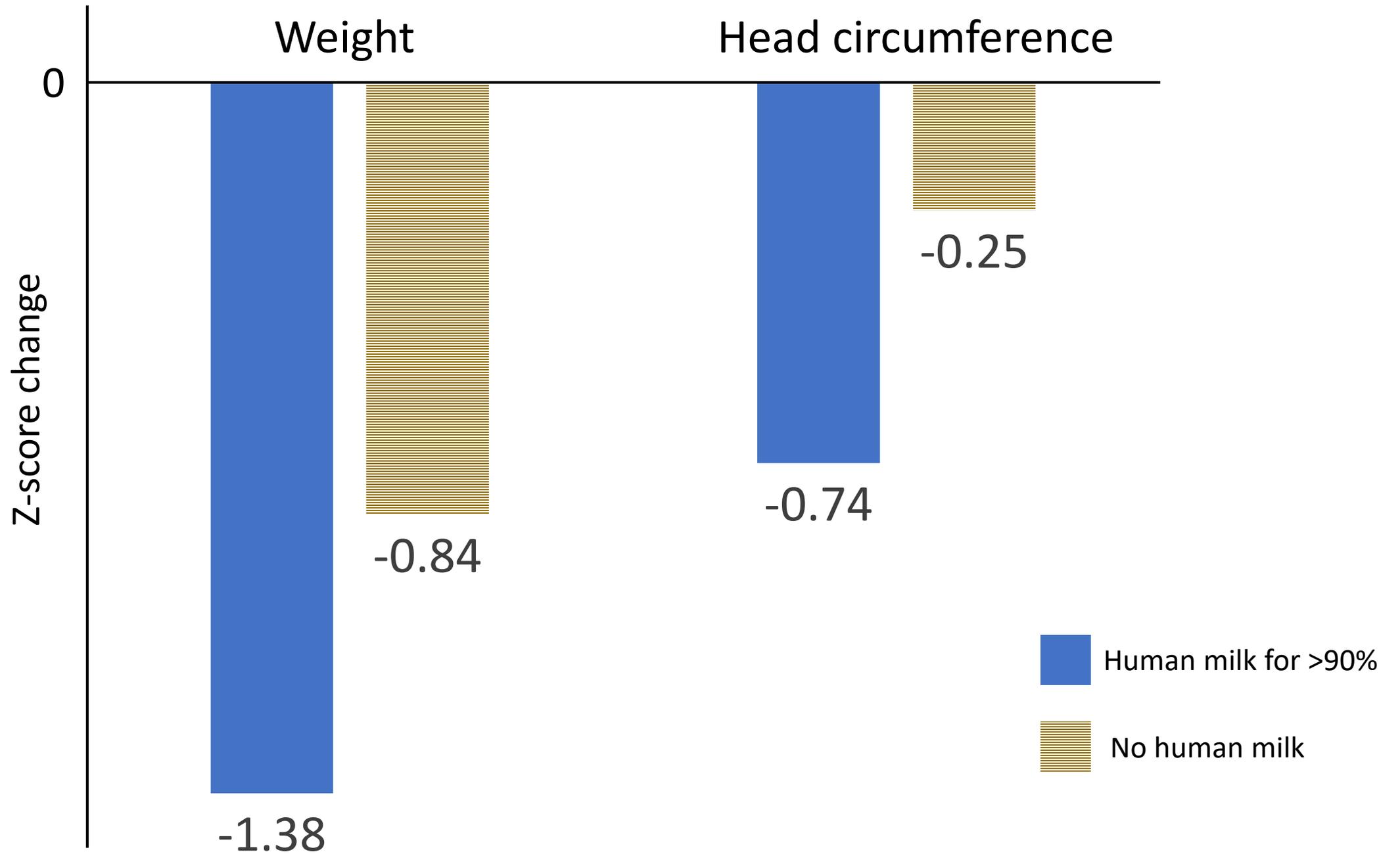


*American Academy of Pediatrics:*  
“Current recommendations are ...  
to approximate the rate of growth  
and composition of weight gain for  
a normal fetus of the same post-  
conceptual age”



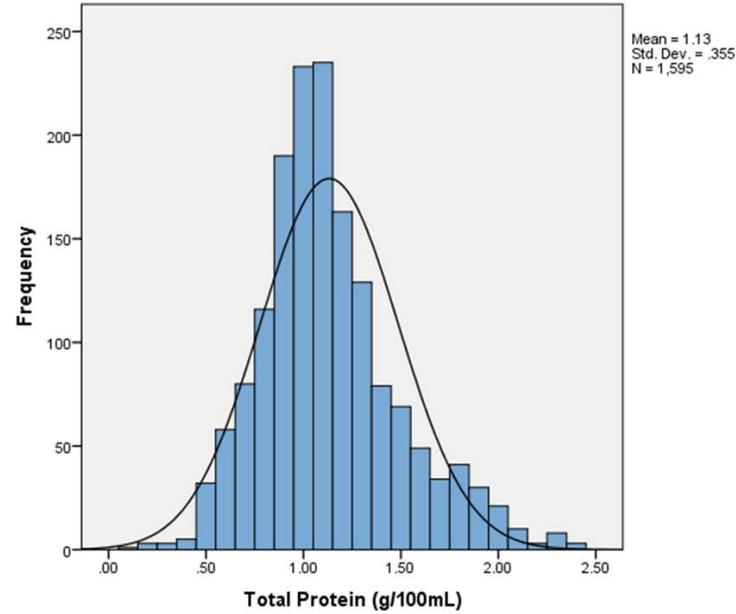




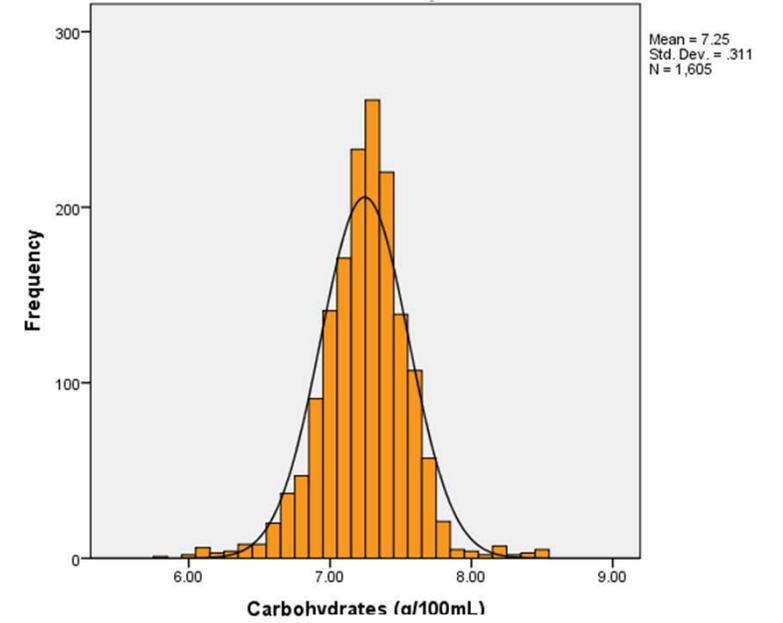




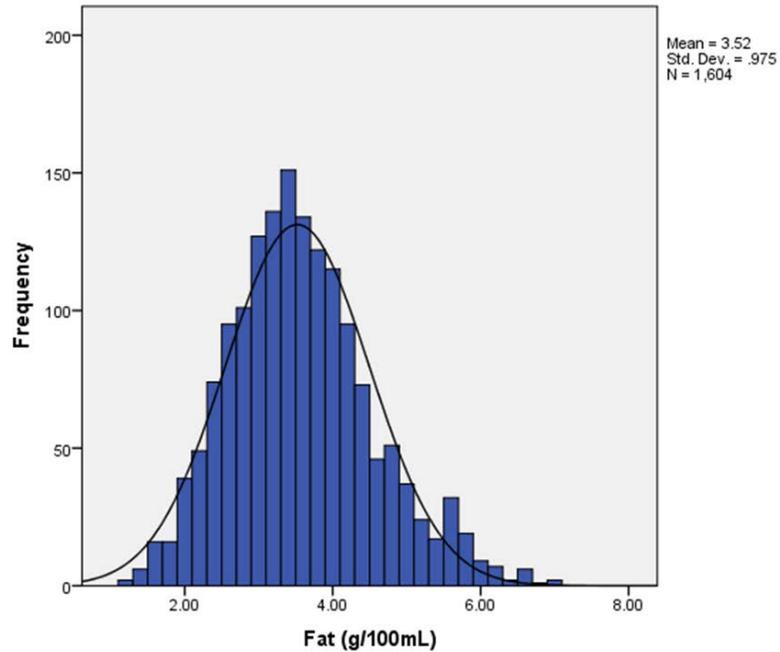
### A. Protein content



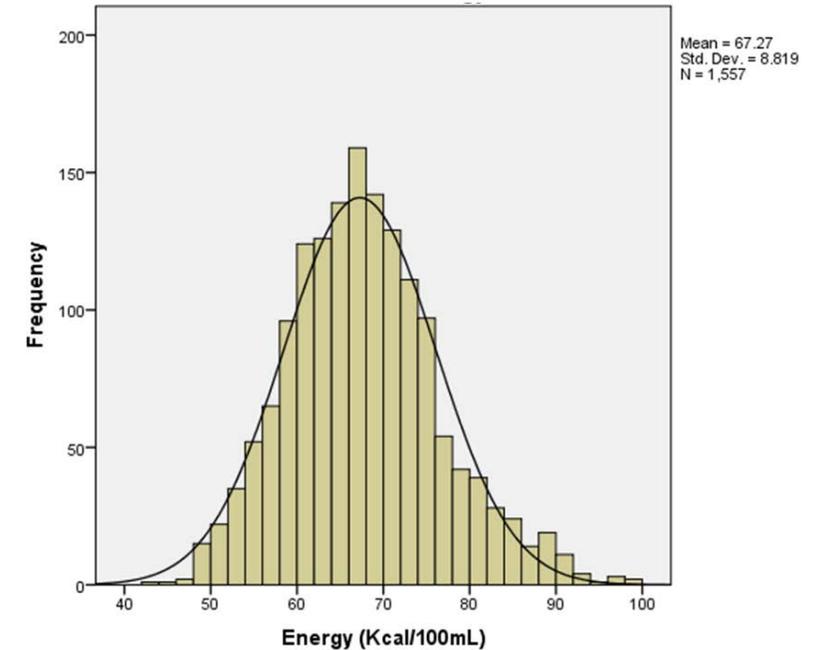
### C. Carbohydrate content



### B. Fat content

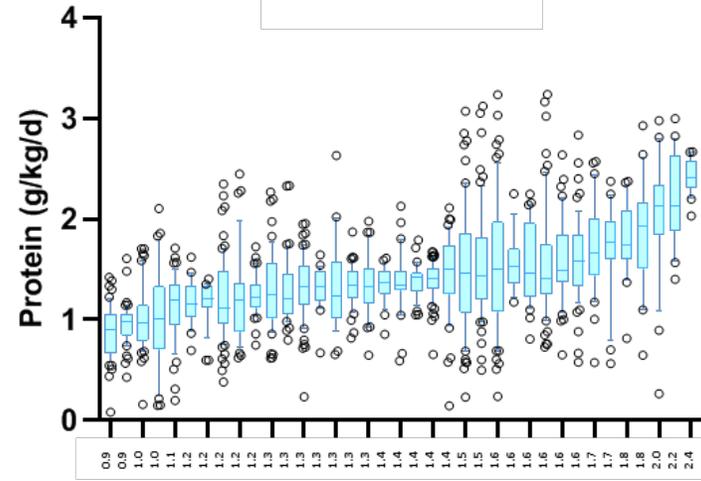


### D. Energy content



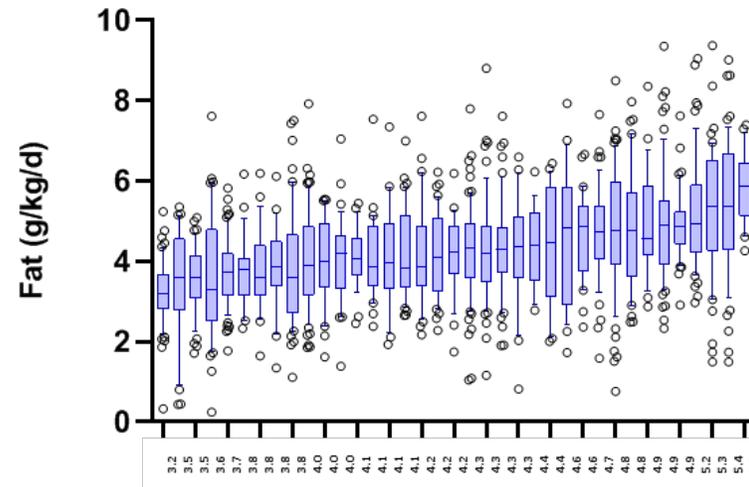


### A. Protein intake



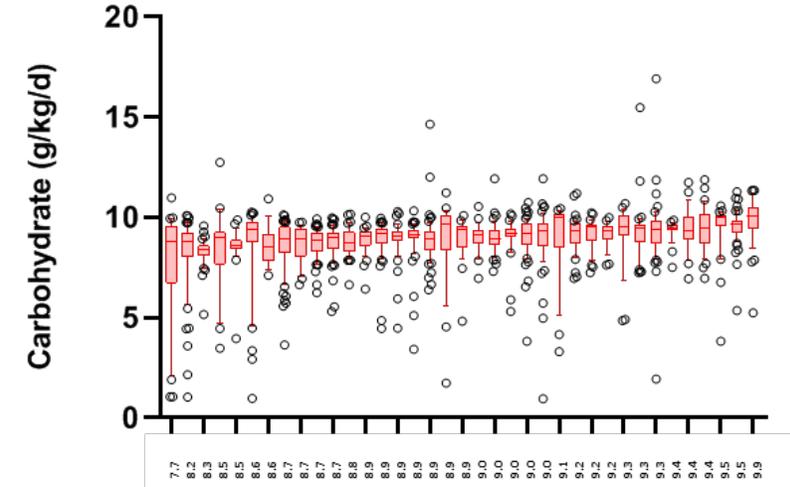
Mean daily intake per infant

### B. Fat intake



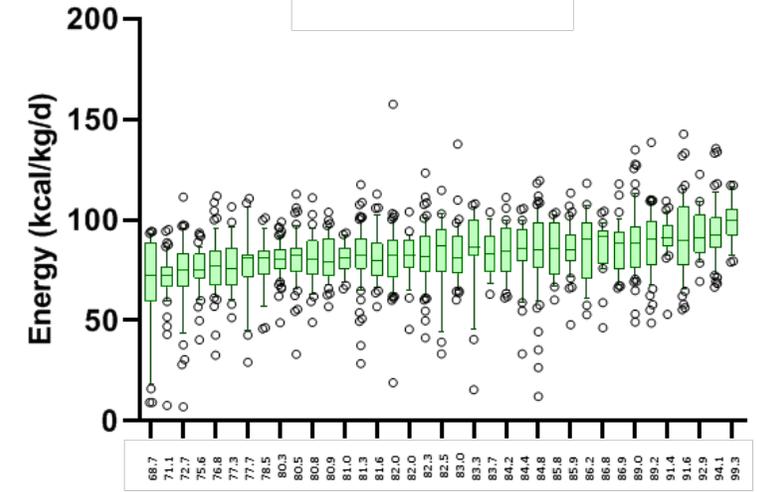
Mean daily intake per infant

### C. Carbohydrate intake



Mean daily intake per infant

### D. Energy intake

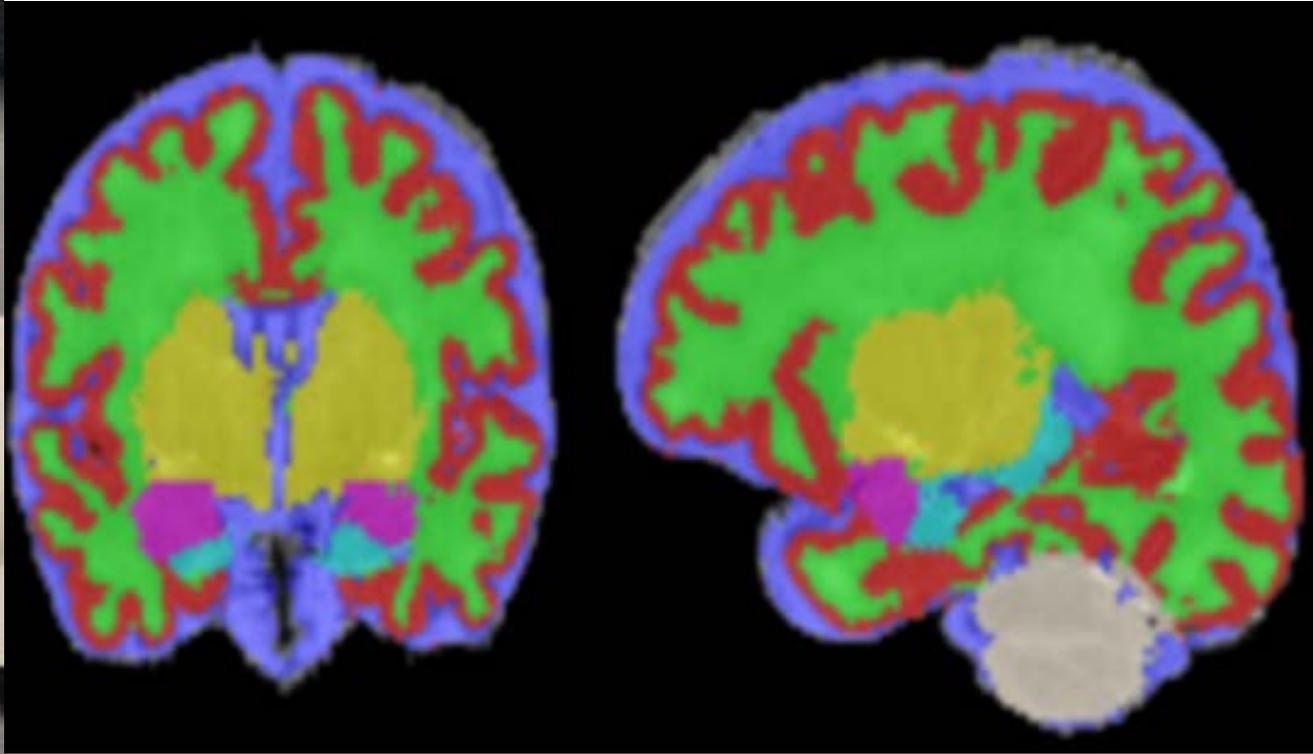


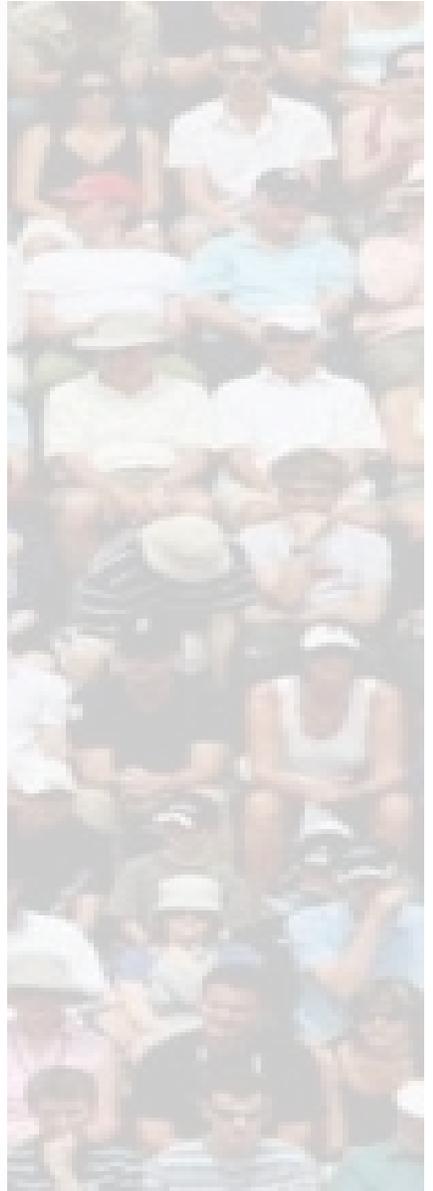
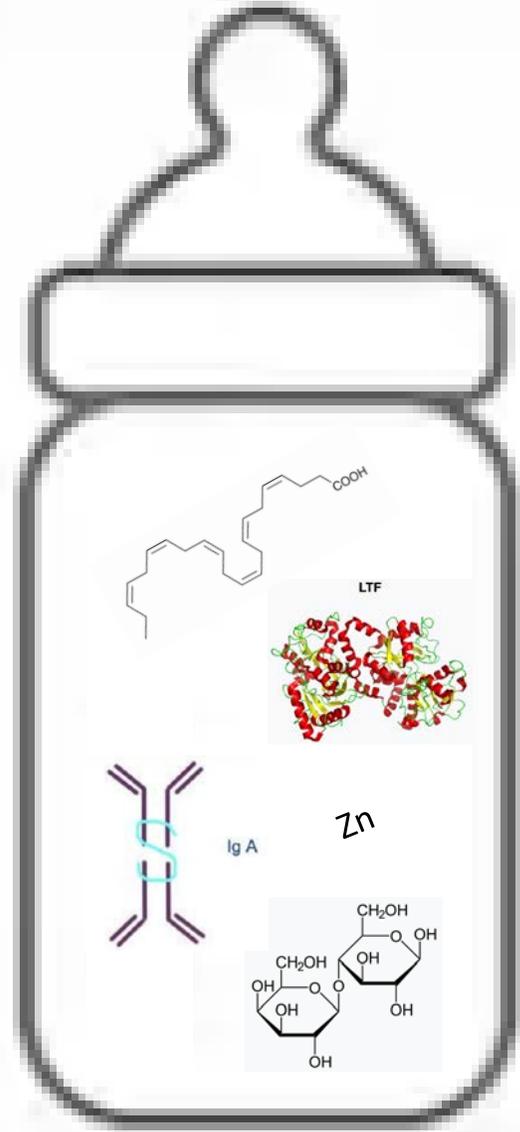
Mean daily intake per infant

NOURISH **Study**









# To learn more . . .

## Publications

[https://www.ncbi.nlm.nih.gov/sites/myncbi/1P11\\_pozeiwkx/bibliography/50300731/public/?sort=date&direction=ascending](https://www.ncbi.nlm.nih.gov/sites/myncbi/1P11_pozeiwkx/bibliography/50300731/public/?sort=date&direction=ascending)



[https://projectreporter.nih.gov/project\\_info\\_description.cfm?aid=9819021&icde=48325532&ddparam=&ddvalue=&ddsub=&cr=1&csb=default&cs=ASC&pball=](https://projectreporter.nih.gov/project_info_description.cfm?aid=9819021&icde=48325532&ddparam=&ddvalue=&ddsub=&cr=1&csb=default&cs=ASC&pball=)



