

1 10A NCAC 41A.0401 is proposed for amendment as follows:

2
3 **10A NCAC 41A .0401 DOSAGE AND AGE REQUIREMENTS FOR IMMUNIZATION**

4 (a) Every individual in North Carolina required to be immunized pursuant to G.S. 130A-152 through 130A-157 shall be
5 immunized against the following diseases by receiving the specified minimum doses of vaccines by the specified ages:

6 (1) Diphtheria, tetanus, and pertussis (whooping cough) - whooping cough vaccine -- five doses: three
7 doses by age seven months and two booster doses, one by age 19 months and the second on or after the
8 fourth birthday and before enrolling in school for the first time. However:

9 (A) Individuals who receive the first booster dose of diphtheria, tetanus, and whooping cough
10 vaccine on or after the fourth birthday are not required to have a second booster dose;

11 (B) ~~Individuals attending colleges and universities are required to have three doses of~~
12 ~~tetanus/diphtheria toxoid, one of which must have been within the last 10 years. Those~~
13 ~~individuals~~ Individuals enrolling in college or university for the first time on or after July 1,
14 2008 must have had three doses of tetanus/diphtheria toxoid; toxoid and a booster dose of
15 tetanus/diphtheria/pertussis vaccine if a tetanus/diphtheria toxoid or one of which must be
16 tetanus/diphtheria/pertussis. tetanus/diphtheria/pertussis vaccine has not been administered
17 within the past 10 years. A dose of tetanus/diphtheria/pertussis vaccine is not required for
18 any student over the age of 64 years;

19 (C) A booster dose of tetanus/diphtheria/pertussis vaccine is required for individuals ~~attending~~
20 ~~public school~~ who have not previously received it and are entering the sixth grade or by 12
21 years of age (whichever comes first); on or after August 1, 2008, if five years or more have
22 passed since the last dose of tetanus/diphtheria toxoid. A booster dose of
23 tetanus/diphtheria/pertussis vaccine is required for individuals not attending public schools
24 who are 12 years of age on or after August 1, 2008, if five years or more have passed since
25 the last dose of tetanus/diphtheria toxoid. However, pertussis (whooping cough) vaccine is
26 not required for individuals between 7 years of age through the fifth grade for those attending
27 public schools and 7 through 12 years of age for those not attending public schools.

28 (D) The sixth grade booster dose does not apply to individuals who enrolled in sixth grade before
29 August 1, 2008.

30 (2) Poliomyelitis vaccine--four doses: two doses of trivalent type by age five months; a third dose trivalent
31 type before age 19 months, and a booster dose of trivalent type on or after the 4th birthday and before
32 enrolling in school for the first time. However:

33 (A) An individual attending school who has attained his or her 18th birthday is not required to
34 receive polio vaccine;

35 (B) The requirements for the booster does on or after the 4th birthday do not apply to individual
36 who began school before August 1, 2014;

1 (C) ~~(B)~~ Individuals who receive the third dose of poliomyelitis vaccine on or after the fourth birthday
2 are not required to receive a fourth dose; dose if third dose is given at least six months after
3 the second dose;

4 ~~(C) — The requirements for booster doses of poliomyelitis vaccine do not apply to individuals who~~
5 ~~enrolled for the first time in the first grade before July 1, 1987.~~

6 (3) Measles (rubeola) vaccine--two doses of live, attenuated vaccine administered at least 28 days apart:
7 one dose on or after age 12 months and before age 16 months and a second dose before enrolling in
8 school for the first time. However:

9 (A) An individual who has been documented by serological testing to have a protective antibody
10 titer against measles is not required to receive measles vaccine;

11 (B) An individual who has been diagnosed prior to January 1, 1994, by a physician (or designee
12 such as a nurse practitioner or physician's assistant) licensed to practice medicine as having
13 measles (rubeola) disease is not required to receive measles vaccine;

14 (C) An individual born prior to 1957 is not required to receive measles vaccine;

15 (D) The requirement for a second dose of measles vaccine does not apply to individuals who
16 enroll in school or in college or university for the first time before July 1, 1994.

17 (4) Rubella vaccine--one dose of live, attenuated vaccine on or after age 12 months and before age 16
18 months. However:

19 (A) An individual who has been documented by serologic testing to have a protective antibody
20 titer against rubella is not required to receive rubella vaccine;

21 (B) An individual who has attained his or her 50th ~~fiftieth~~ birthday is not required to receive
22 rubella vaccine except in outbreak situations;

23 (C) An individual who entered a college or university after his or her thirtieth birthday and before
24 February 1, 1989 is not required to meet the requirement for rubella vaccine except in
25 outbreak situations.

26 (5) Mumps vaccine--one dose of live, attenuated vaccine administered on or after age 12 months and
27 before age 16 months and a second dose before enrolling in school, college or university for the first
28 time. However:

29 (A) An individual born prior to 1957 is not required to receive mumps vaccine;

30 (B) The requirements for mumps vaccine do not apply to individuals who enrolled for the first
31 time in the first grade before July 1, 1987 or in college or university before July 1, 1994;

32 (C) An individual who has been documented by serological testing to have a protective antibody
33 titer against mumps is not required to receive mumps vaccine;

34 (D) An individual entering school, college or university prior to July 1, 2008 is not required to
35 receive a second dose of mumps vaccine.

- 1 (6) *Haemophilus influenzae, b*, conjugate vaccine--three doses of HbOC or PRP-T or two doses of PRP-
2 OMP before age seven months and a booster dose of any type on or after age 12 months and by age 16
3 months. However:
- 4 (A) Individuals who receive the first dose of *Haemophilus influenzae, b*, vaccine on or after 7
5 months of age and before 12 months of age are required to have two doses of HbOC, PRP-T
6 or PRP-OMP and a booster dose on or after 12 months of age and by age 16 months; born
7 before October 1, 1988 are not required to be vaccinated against *Haemophilus influenzae, b*;
8
- 9 (B) Individuals who receive the first dose of *Haemophilus influenzae, b*, vaccine on or after 12
10 months of age and before 15 months of age are required to have only two doses of HbOC,
11 PRP-T or ~~PRP-OMP~~; PRP-OMP and a booster dose two months later;
- 12 (C) Individuals who receive the first dose of *Haemophilus influenzae, b*, vaccine on or after 15
13 months of age are required to have only one dose of any of the *Haemophilus influenzae*
14 conjugate vaccines; vaccines, including PRP-D;
- 15 (D) No individual who has passed their fifth birthday is required to be vaccinated against
16 *Haemophilus influenzae, b*.
- 17 (7) Hepatitis B vaccine--three doses: one dose by age three months, a second dose before age five months
18 and a third dose by age 19 months. However:
- 19 (A) The last dose of the hepatitis B vaccine series shall not be administered prior to 24 weeks of
20 age;
- 21 (B) Individuals born before July 1, 1994 are not required to be vaccinated against hepatitis B.
- 22 (8) Varicella vaccine—~~Two doses~~ one dose administered at least 28 days apart; one dose on or after age 12
23 months of age and before age 19 months and a second dose before enrolling in school for the first
24 time. ~~months.~~ However:
- 25 (A) ~~An individual who has been documented by serological testing to have a protective antibody~~
26 ~~titer against varicella is not required to varicella vaccine;~~
- 27 (A) ~~An individual with a laboratory test indicating immunity or with a history of varicella disease,~~
28 ~~documented by a health care provider, parent, guardian or person in loco parentis is not~~
29 ~~required to receive varicella vaccine. Serologic proof of immunity or documentation of~~
30 ~~previous illness must be presented whenever a certificate of immunization is required by~~
31 ~~North Carolina General Statute. The documentation shall include the name of the individual~~
32 ~~with a history of varicella disease and the approximate date or age of infection. Previous~~
33 ~~illness shall be documented by:~~
- 34 (i) ~~a written statement from a health care provider documented on or attached to the~~
35 ~~lifetime immunization card or certificate of immunization; or~~
- 36 (ii) ~~a written statement from the individual's parent, guardian or person in loco parentis~~
37 ~~attached to the lifetime immunization card or certificate of immunization.~~
- 38 (C) ~~(B)~~ An individual born prior to April 1, 2001 is not required to receive varicella vaccine.

1 (D) The requirement for the second dose of varicella vaccine shall not apply to individuals who
2 enroll in school (K-1) for the first time before August 1, 2014.
3

4 (9) Pneumococcal conjugate vaccine – Four doses; three doses by age seven months and a booster dose at
5 12 through 15 months of age; However:

6 (A) Individuals who receive the first dose of pneumococcal conjugate vaccine on or after 7
7 months of age and before 12 months of age are required to have two doses at least 4 weeks
8 apart and a booster dose at 12 through 15 months of age;

9 (B) Individuals who receive the first dose of pneumococcal conjugate vaccine on or after 12
10 months of age and before 24 months of age are required to have two doses at least 8 weeks
11 apart to complete the series;

12 (C) Individuals who receive the first dose of pneumococcal conjugate vaccine on or after 24
13 months of age and before 5 years are required to have one dose to complete the series;
14

15 (D) No individual who has passed their fifth birthday shall be required to be vaccinated against
16 pneumococcal disease;

17 (E) An individual born prior to April 1, 2014 shall not be required to receive pneumococcal
18 conjugate vaccine.
19

20 (10) Meningococcal conjugate vaccine – Two doses: one dose is required for individuals entering the sixth
21 grade or by 12 years of age (whichever comes first) on or after August 1, 2014. A booster dose is
22 required by 16 years of age or by entering the 11th grade. However:

23 (A) The first dose does not apply to individuals who enrolled in sixth grade before August 1,
24 2014;

25 (B) The booster dose does not apply to individuals who enrolled in the 11th grade before August
26 1, 2019;

27 (C) If the first dose is administered on or after the 16th birthday, a booster dose is not required;

28 (D) An individual born prior to January 1, 2003 shall not be required to receive
29 meningococcal conjugate vaccine.
30

31 (b) The healthcare provider shall administer immunizations in accordance with this Rule. However, if a healthcare
32 provider administers vaccine up to and including the fourth day prior to the required minimum age, the individual dose is
33 not required to be repeated. Doses administered more than 4 days prior to the requirements are considered invalid doses
34 and shall be repeated.

35 (c) The State Health Director may suspend temporarily any portion of the requirements of this Rule due to emergency
36 conditions, such as the unavailability of vaccine. The Department shall give notice in writing to all local health
37 departments and other providers currently receiving vaccine from the Department when the suspension takes effect and
38 when the suspension is lifted. When any vaccine series is disrupted by such a suspension, the next dose shall be
39 administered within 90 days of the lifting of the suspension and the series resumed in accordance with intervals
40 determined by the most recent recommendations of the Advisory Committee on Immunization Practices.

41
42 *History Note: Authority G.S. 130A-152(c); 130A-155.1*