

NORTH HUNTERDON-VOORHEES REGIONAL HIGH
SCHOOL DISTRICT

NURSING SERVICES PLAN

OCTOBER, 2017

SECTION I: NJ CODE - BASIC NURSING SERVICES

SECTION II: STATISTICAL DATA

SECTION III: RECOMMENDATIONS

SECTION IV: ACUITY LEVELS OF CARE

SECTION V: EXPANDED ROLE OF THE SCHOOL NURSE

North Hunterdon High School

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SECTION I: NJ CODE - BASIC NURSING SERVICES

The formulation of the Nursing Service Plan pursuant to NJAC 6A:30-1.4(a) 9 provides the vehicle for delivery of health services to our student population by professional certified school nurses. The documented rationale for the school nursing services plan is a collaborative effort of the school nurses and the school medical inspector to evaluate medical services required at NHHS and VHS and to make staffing recommendations based on population and need. The report reflects the increasing complexity and diversity of medical services required at North Hunterdon High School and Voorhees High School, as well as the projection of the student population.

Student conditions may change during the school year, moving them from one level to another.

I. Description of Basic Nursing Services Provided to All Students (NJAC 6A 16-2.1 (b) 2 (i))

a. Basic Services: NJAC and NJSA, federal law and NJ Sanitation Code. Under the direction of the School Physician, the following services are provided to students:

A. Health Records (NJAC 8:57 – 4.1 through 4.20)	
1. Maintain and review student health documents	NJAC 6A:16 – 2.2 (g)
a. State of New Jersey Health History and Appraisal record (A-45 cards)	
b. Immunization record	NJAC:16-2.2 (a)
c. Medical history	
d. Conduct and record health screenings (height, weight, hearing, vision, scoliosis and blood pressure as per current NJ statutes)	NJAC 6A:16-2.2 (k)
e. Physical examinations for:	
(1) Athletic Preparticipation Physical Examination Form Part A & B as part of student athlete's health record	NJAC 6A:16-2.2 (f) and NJAC 6A:16-2.2 (h)
(2) New or transfer student	NJAC 6A:16 – 2.2 (h)
(3) Working papers health exam	NJAC 6A16-2.2 (h)

(4) Evaluation of student suspected of being under the influence of alcohol or a controlled dangerous substance	NJAC 6A:16-2.2 (h)
(5) Comprehensive child study team evaluation	NJAC 6A:16-2.2 (h)
(6) Transference and request of health records, i.e. A-45 and current physical exam	NJAC 6A:16-2.4 (d)
(7) Adherence to Family Education Rights and Privacy Act	FERPA – 20 USC§1232g, 34 CFR Part 99, NJAC 6A:16-2.2 (h) NJAC 6A:32 - 7
2. Determine student status for admission/provisional admission/exclusion with unacceptable evidence of immunizations.	
3. Conduct tuberculosis testing as directed by the NJ DHSS	NJSA 18A:40-16 NJAC 6A:16-2.2 (a)
B. Medications, healthcare treatments, procedures:	NJAC 6A:16-2.1 (a)2
1. Administer authorized medications, health care treatments, procedures	NJAC 6A:16-2.1 (a)2
2. Approval of self-administered medications	NJAC 18A:40-12.3 & 12.4 NJAC 6A:16-2.1 (a)2v
3. Designate and train epinephrine auto injector delegates	NJSA 18A:40-12.5 & 12.6
4. Designate and train glucagon delegates	
C. Review and create IHP/IEHP for Do Not Resuscitate (DNR) Orders	NJAC 6A:16-2.1 (a)3
D. Provide Direct Nursing Care	NJAC 6A:16-2.1 (a)4

1. Provide direct nursing healthcare and execute medical regimens to students per: District Standing Orders (attached), NJ Nurse Practice Act, IHP, IEHP, and Medical Home Practitioner's orders	NJAC 6A:16-2.1 (a) 4(ii) NJAC 6A:16-1.4(a) NJSA 45:11-23 New Jersey Board of Nursing Statutes
2. Isolate, exclude and readmit any student or employee with a communicable disease	NJAC 6A:16-1.4
3. Report reportable communicable diseases to County Health Officer	NJAC 8:57-1 NJAC 6A:16-2.2 (d)
4. Arrange for transportation and supervision of students in need of emergency health care	NJAC 6A:16-2.1(a) 4(iii)
5. Notify parents of need for emergency care	NJAC 6A:16-2.1(a)4(iv)
6. Administer emergency medications (epinephrine, glucagon) or asthma medications, etc.	NJAC 6A:16-2.1(a)4(v)
7. Write and update annually student individualized healthcare plans (IHP's) and individualized emergency health care plans (IEHP's) for student's medical needs and instruction of staff	NJAC 6A:16-2.3(b)5(xiii)
8. Establish, annually review and implement Standing Orders with the School Physician for deliverance of daily and emergency health care	NJAC 6A:16-2.3(b)xi
E. Administer asthma related care	NJAC 6A:16-2.1(a)5
1. Obtain training for administration of medication via nebulizer	NJAC 18A:40-12.8(a) NJAC 6A:16-2.1(a)5(i)
2. Maintain one nebulizer per school	NJAC 6A:16-2.1(a)5
3. Require students to have a current Asthma Treatment Plan	NJAC 6A:16-2.1(a)5(iii)

F. Health history and examinations	NJSA 18A:40-4 NJSA 18A:35-4.8 NJAC 6A:16-2.2 NJAC 6A:16-2.1(a)6
1. Provide health examination for students without medical homes	NJAC 6A:16-2.2(f)6
2. Maintain Athletic Preparticipation Physical Examination Form A&B as part of the student's health record	NJAC 6A:16-2.2(f)6
G. Establish and maintain procedures for universal precautions	NJAC 6A:16-2.1(a)7
H. Provide nursing services to nonpublic school(s) located in district	NJAC 6A:16-2.1(a)8
I. Instruct students/teachers/staff:	NJAC 6A:9-13.3 NJSA 18A:40-3 NJAC 6A:16-2.3(b)5(xv)
1. Communicable diseases, blood borne pathogens	
2. Asthma management	
3. Anaphylaxis	
4. Diabetes management	
5. Other health related topics as indicated	
J. Provide information for:	
1. NJ Family Care program	NJAC 6A:16-2.2(i)
2. Pregnancy assistance	

SECTION II: STATISTICAL DATA

Statistical Data	2017-2018	Projected 2018-2019	2017-2018	Projected 2018-2019
	NHHS	NHHS	VHS	VHS
Total Student Enrollment	1743	1714	1049	1025
Partial NHHS/VHS Students				
• 8th Grade	0	0	0	0
• 9 th Grade	406	430	238	235
• 10 th Grade	446	406	260	260
• 11th Grade	432	446	291	268
• 12th Grade	461	432	260	262
• 12+	19	18	8	8

Statistical Data	NHHS	VHS
General Education Enrollment	1462	878
Special Education Enrollment	283	171
Out Of District Students	25	17
Students With 504 Plans	61	66

Students Transferring In	57	35
Students Transferring Out	31	17
Students With IHPs/ECPs	373	168
Average Student Health Office Visits/Day	60-65	30-39
Total Student Health Office Visits/Year	11,655	5460
Number Of Students Dismissed Home Early/Year	925	800
Students Random Drug Tested/Year	270	154
Students Referred for Under Suspicion/Year	10-15	8-12
Total Number of Employees	207	160
Average Employee Visits/Day	8-10 month	10-13 month
Average Employee Visits/Year	80	138
Students Requiring Nursing Expertise & Acuity Levels Of Care:	NHHS	VHS
• Level I - Nursing Dependent	0	2
Level II- Medically Fragile	244	78
• Level III - Medically Complex	208	199
• Level IV - Health Concerns	427	259
Students With Chronic and/or Potentially Life-Threatening Health Conditions:		

• Asthma	219	77
• Diabetes	15	5
• Seizure Disorders	9	8
• Severe Allergies Requiring Epinephrine	95	47
• Allergies Not Requiring Epinephrine	522	143
• Circulatory/Cardiac/Pulmonary Conditions	25	6
• Blood Disorders	8	4
• Mental Health Conditions	88	66
• Migraine Headaches	45	23
• Autoimmune Disorders	9	4
• Orthopedic Conditions	257	122
• Neurological Conditions	67	42
• Concussion Management	50	47
• History of Concussion	190	85
• Vision and Hearing Deficits	21	9
• Gastrointestinal Conditions	25	23
• Genitourinary Conditions	2	4
• Cancer	2	2
• Adolescent Pregnancy	0	0

Required Basic Nursing Services	NHHS	Referral Sent	VHS	Referral Sent
Emergency Care - 911 Call & Transport to Hospital	6	6	3	3
Administration Of Daily Medications/Day	13		10	
Average Daily Administration of OTC Medications	15/day		15/day	
Health Screenings				
· Total Audiometric	447	3	240	3
· Total Vision	487	40	275	20
· Total Blood Pressure	1000	30	730	5
· Total Scoliosis	432	0	100	0
· Total BMI	0	0	0	0
Health Record Management				
· Sport Physicals	1500	50	777	8
· 9th Grade Physicals	406	10	238	3
· PE/Medical Notes/Illness/Injury	1250		546	n/a
· IHPs/ECPs	359		121	n/a
· Student Accident/Injury Reports	225		130	n/a

· Workman's Compensation Reports	20		7	n/a
· Student Referrals to outside agencies/Primary Health Provider	100		35	
· 504, I&RS, IEP referral reports and attendance at meetings	50		45	
· Working Papers	150		98	
Staff Instruction				
· Epinephrine Delegation	81		49	
· Glucagon Delegation	81		49	
· AED/Code Team	15		12	
· Fixed Facility			38	
· Student Health Conditions entered into computer system for teachers	456		432	
· Student Evacuation Plans	25		16	
· Reduced Mobility/Elevator	100		95	

Other Nursing Management	NHHS	VHS
· Mantoux/TB Testing	2	5
· Emergency Management Kits	49	23
· Oxygen Tanks	1	2
· AEDs	15	12
· Epinephrine Auto injectors & Emergency Health Care Plan	95	44
· Glucagon & Emergency Health Care Plans	15	5
· CPR/AED Certified Staff	81	47
· Cardiac Arrest Code Team	15	13
· Crisis Team Meetings	2	1
· Nurse Articulation with Sending District School Nurses	25	22
· Collaboration with Hunterdon County Health Department	15	3
· Annual TB Report	yearly	yearly
· Annual Immunization Report	done yearly	done yearly
· Review of Field Trip Lists	done for every trip	done for every trip

Both North Hunterdon and Voorhees High Schools do not provide nursing services or additional medical services to any non-public school pursuant to N.J.A.C. 6A:16-25.

SECTION III: RECOMMENDATIONS (NHHS)

The North Hunterdon Voorhees Regional High School District consists of two high schools that are located 6 miles apart. The information in this report describes the complexity and diversity of health services provided by the nursing staff at North Hunterdon High School (part of the North Hunterdon-Voorhees Regional High School District). We have reviewed these statistics, including the volume of students, along with special medical needs in comparison to the National School Nurse Association recommendations of an approximate student/ nurse ratio of 750:1 (750:1 ratio for regular education; 225:1 ratio for special education). **NHHS enrollment exceeds the 750:1 ratio and the 225:1 ratio.**

We assert that in order to safely meet the medical/safety needs of the students and staff at North Hunterdon High School and complete the required NJDOE screenings and documentation we recommend the following staffing: **VHS has the same number of Certified School Nurses and ESP/Secretary personnel as NHHS but serves a smaller population. In addition, NHHS enrollment exceeds the National School Nurse Association recommendations for student/nurse ratio for both the general education population and those students with additional medical needs. Therefore, in order to meet all requirements, NHHS Health Office should continue, as done in previous years, to utilize a supplemental substitute RN to assist with screenings for a specified and pre approved number of days.**


Jonathan Wierzbicki, MD, School Physician, NHHS


Date


Dr. Gregory Cottrell, Principal, NHHS


Date


Cindy Peck MSN, BSN, RN, CSN


Date


Kristine Vitelli MA, BSN, RN, CSN


Date

RECOMMENDATIONS (VHS)

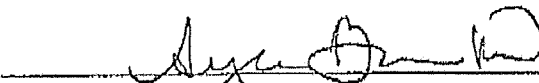
This report describes the complexity and diversity of health services provided by the nursing staff at Voorhees High School. We have reviewed these statistics, and the volume of students, special medical needs and the CDC recommendations of an approximate student/ nurse ratio of 750:1.

We assert that in order to meet the medical/safety needs of the students and staff at Voorhees High School the following staffing is recommended ;

- 2 FTE nurses and one secretary in the VHS health office
- 1 FTE nurse in VHS multiple disabilities classroom at all times, including when the full time Nurse is absent. Any additional students in this class would necessitate a personal care assistant to assist the nurse in multiple lifts and transfers.
- Have available Substitute School Nurses that can work when a full time Nurse is out due to a personal day, illness, or a professional day.


Brett Kolpan MD, School Physician, VHS
10/2/17
Date


Ron Peterson, Principal, VHS
10/4/17
Date


Suzanne Bauer , RN, BS CSN, Nurse, VHS
9/29/17
Date


Patricia Tomczyk, RN, BSN, CSN, Nurse, VHS
9/29/17
Date