


SHNIC

Bridging the Gap Between Hospitalization and School Re-Entry : A Model Program

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We are all born with great potential. Shouldn't we all have the chance to achieve it?




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Objectives

The Learner will be able to:


- Describe the SHNIC Program
- Formulate a smaller version of the SHNIC Program in their community
- Identify three strategies to provide reintegration into the school
- Identify three key players in their community



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Disclosure Statement

- I Barbara Obst disclose the absence of personal financial relationships with commercial interests relevant to this educational activity within the past 12 months.



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The SHNIC Program

Who We Are
 The Specialized Health Needs Interagency Collaboration project (SHNIC) is a collaborative partnership between Kennedy Krieger Institute and the Maryland State Department of Education. Our primary goal is to provide community education that facilitates the inclusion of students with specialized health needs into the community. Through free on-site training and technical assistance, we teach the skills to safely and effectively manage the needs of children and adolescents and help them integrate into their schools and communities.

Who We Serve
 We work with parents, children and adolescents with specialized health needs, local school systems, health departments, and related community service agencies.

Our team of nurse educators and education specialists help children with a range of specialized health needs that include, but are not limited to:

- Feeding tube management
- Urinary catheterization
- Tracheostomy or ventilator management
- Traumatic brain injury
- Neurological disorders
- Spinal cord injury and paralysis
- Tumors
- Diabetic management
- Genetic disorders
- Medication management
- Orthopedic impairment procedures
- Medical device training

Service We Offer
 We provide a variety of services, including:

- Community-based consultation and training for managing a child's specialized health needs
- Consultations and training on how a child's diagnosis may affect his or her education
- Seminars and workshops on specialized health needs
- Case-by-case consultations for students with medical equipment
- Referrals to community and health resources and support services
- A database of publications and educational materials about specific medical conditions

Our Success
 Our project has a proven record of success and satisfaction.

- 95 percent of participants report accomplishment of their training goals.
- More than 2,500 people are trained through the SHNIC project each year.


Contact Information
 For more information on SHNIC, or to request training or technical assistance:
 Phone number: 443-923-4658
 Toll-free: 888-544-2000
 TTY (for Speech or Hearing Impaired): 443-923-2645

Specialized Health Need Interagency Collaboration
 1750 East Fairmount Avenue
 Baltimore, Maryland 21231
 www.kennedykrieger.org

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The Development of SHNIC

- A grant program with the Department of Education, Kennedy Krieger Institute and The Department of Health over 35 years ago
- We have an Advisory Board of special educator supervisors, and nursing supervisors from various counties, as well as representatives from MSDE, KKI, and Department of Health.




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SHNIC Model

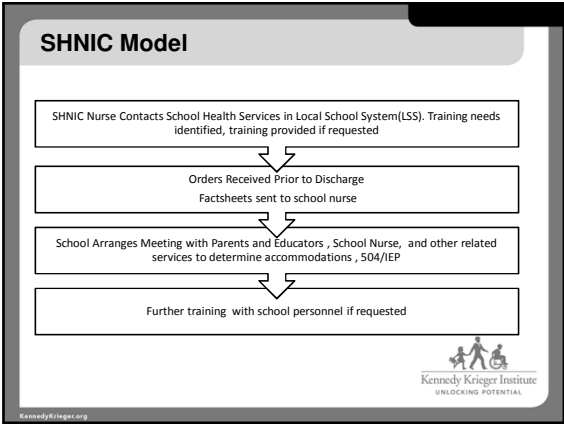
Student admitted to Hospital

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Educator gets consent, and notifies SHNIC



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- ### Why start a modified SHNIC like program
- Increase coordination of care
 - Increase knowledge of school personnel related to medical conditions
 - Legislative Alliance for Students with Health Conditions (LASHC) suggests that teachers need preparation regarding chronic health conditions
 - School nurses should not be ancillary staff
- Kennedy Krieger Institute
UNLOCKING POTENTIAL

- ### Potential barriers in the school setting
- No nurse on premise
 - Nurse Practice Act does not allow delegation
 - Nurse at school does not understand Diabetes Management
 - Food issues at school, (no carb counts)
 - Lack of education and knowledge of teachers and staff
 - Parents/guardians not sharing information
 - Student in denial
- Kennedy Krieger Institute
UNLOCKING POTENTIAL

Known Barriers


- What is the law regarding delegation of medication?
- What model of care do they offer for all students regarding medication?
- Is it a private school or public school?
- How can the student be safe at school?



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Impact of chronic illness on students


- 1:4 children according to Healthy Schools have health issues that affect their ability to succeed in the classroom
- Research has shown that children who are chronically absent in both K and 1st grade are much less likely to be reading at grade level by 3rd grade



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Youth with diabetes


- According to SEARCH diabetes study , there are more than 190,000 children under the age of 20 with diabetes. The incidence is 1.93/1000 for type 1, 0.24/1000 for type 2 and 05/1000 for other forms
- Most youth with diabetes spend a significant amount of their day in school and related activities.(6-10 hours) so diabetes care in school is an essential part of their diabetic management plan



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Youth with diabetes


- Despite advances in Diabetes Management many youth around the U.S. fail to meet their A1C goals



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Getting started


- Assess your community
- Identify possible school personnel at the Local School System Level or State Level
- Consider writing a grant with State Board of Education, Department of Health and your Hospital



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Key players in your local school system


- Director of School Health Services
- Director of Student Services
- School- based health clinics
- Director of Elementary, Middle and High School Administrators
- Director of Special Education
- 504 Compliance
- Local health department representative of chronic illness



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Key players at State Level

- Head of school health services at Board of Education or State Health Department
- Head of pupil personnel services at Board of Education
- Head of special education at Board of Education
- Head of chronic illnesses at State Health Department Level



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Developing your mini model


Hospital identifies the school districts they serve

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Local School System(LSS) identifies a dedicated RN to receive orders regarding students with special needs

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The Local School System (LSS) develops a process to notify student team in the individual schools



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Mini Model

The individual school team should consist of the RN, guidance counselor, educator, parents /guardians, and administrator

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The school team and parents should meet prior to student returning to determine IEP/504 accommodations or additional supports

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The team should determine if training is needed for educational staff prior to student returning to school

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Training completed, and evaluate if further training is needed




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Role of School Nurse

According to National Association of School Nurses and National Institute of Diabetes and Digestive and Kidney Diseases the following are actions of the School Nurse:


- Ensure compliance with Federal and State laws
- Understand State laws regarding delegation/assignments of nursing tasks and other laws relating to provision of health care in schools
- Obtain and review the student's current Diabetes Medical Management Plan (DMMP)



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Role of the School Nurse

- Using medical orders in the DMMP and information obtained from a thorough nursing assessment, develop and Individualized Health Care Plan and Emergency Care Plan
- Facilitate the initial school health team meeting
- Plan and implement diabetes management training for staff in school settings
- Share with parents/guardians the plan and training
- Obtain all supplies from parents/guardians
- Perform or assist student with routine and emergency diabetes care tasks
- Maintain accurate documentation
- Provide ongoing training
- Assess competence of staff and student and provide supervision
- Reassess student and update IHP as needed
- Foster a supportive environment




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Framework

AADE7™ Self-Care Behaviors is a framework that can assist the school nurse in caring for students with diabetes


- Healthy eating
- Being Active
- Monitoring
- Taking Medication
- Problem Solving
- Healthy Coping
- Reducing Risks



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Case Discussion

- 10 year old male
- Both parents Intellectually Delayed
- Hospitalized for 5 days
- Intense training for the 10 year old and parents by the diabetes educator in the hospital
- He attended a city school who had a part time nurse
- He was able to perform finger-stick, give himself insulin by pen and read labels for carbs when he was discharged that Friday
- Now what?



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Group Discussion for 10 minutes




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Role of SHNIC Program


- Social worker from hospital contacted SHNIC program
- Orders received from endocrinologist
- SHNIC program contacted school , no nurse, so contacted Principal
- SHNIC invited to school
- Training provided to educators and secretaries regarding hyper/hypoglycemia, diabetes management



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Role of SHNIC Program


- Identified what could be done for school lunch , since school did not provide lunch, and carb counting was part of plan
- School decided that they would make lunch for student, until student or parent could do accurate calculations
- Snacks provided by school
- Emergency kits made for classrooms that student was in



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Role of SHNIC Program


- SHNIC nurse was there the first day of school , to check supplies with staff
- SHNIC program provided support via phone, with each finger-stick until training was complete for delegation nurse and Certified Medication Technician
- SHNIC program arranged for school to send blood glucose results and insulin log to Endocrinologist
- SHNIC connected home health nurse with school personnel to increase communication between home and school



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Role of SHNIC Program


- SHNIC program provided additional training and support for an additional 3 months



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Outcome


- Student was able to calculate dosage, with adult supervision, and by the end of the first month was able to deliver proper coverage, and prepare his own lunch
- Student and family was embraced by school and community



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SHNIC Contact

- Obst@kennedykrieger.org
- Cell number 410-241-7421
- <https://www.kennedykrieger.org/sites/default/files/community-related-files/quick-tip-guide-diabetes.pdf>
- https://www.kennedykrieger.org/sites/default/files/community_files/diabetes-factsheet.pdf
- <https://www.kennedykrieger.org/sites/default/files/community-related-files/information-for-coaches-diabetes-management.pdf>




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References

AADE Management of Children with Diabetes in the School Setting Position Paper February 2016

Nabors, L., Troillett, A., Nash, T., & Masiulis, B. (2005). School Nurse Perceptions of Barriers and Supports for Children With Diabetes. *Journal of School Health*, 75(4), 119-124. doi:10.1111/j.1746-1561.2005.tb06655.

Pansier, B., & Schulz, P. J. (2015). School-based diabetes interventions and their outcomes: a systematic literature review. *Journal of Public Health Research*, 4(1). doi:10.4081/jphr.2015.467



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