The School-Based Health Program of Bassett Medical Center “a collaboration”

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Partnership between.....
School-Based Health Centers: Geography Matters
Bassett Healthcare Network and the School-Based Health Program

• BHN
  – 6 hospitals, 29 outreach clinics in 8 counties covering 5,600 square miles
  – 12,585 inpatient visits and 718,327 outpatient visits in 2014

• SBHP
  – 19 sites in 14 school districts in 4 counties
  – 31,527 visits in 2014, 30% for mental health, 10% dental
  – Operating budget in 2014: $3,507,400
  – Revenues in 2014: $3,336,790
School-Based Health Center Staff

- Nurse Practitioners
- Practical Nurses
- School Nurses**
- Physician Assistants
- Mental Health Workers
- Registered Dental Hygienists
- Registered Dietician
- Patient Navigators
- Support Staff
- Physicians
- Dentist
What is the relationship between the School Nurse and a SBHC?

• School nurse is responsible for day the day to day management of the school population’s health——School Employee

• The SBHC is a source of primary medical care, mental health care and preventative dental care.—Hospital Employee
Collaboration between a school nurse and a SBHC will result in healthier students who are ready to learn.
What Can SBHCs Provide?
Mental Health Care
SBHC is filled with Patient Stories
Preventative and Restorative Oral Health Care
Comprehensive Primary Health Care
Chronic Illness Management
Comprehensive Physical Exams
Point of Care Laboratory Testing

- Rapid Strep
- Blood Glucose
- Urinalysis
- Urine Pregnancy
Immunizations
Reproductive Health Care
How do SBHCs fit into the bigger picture?
Adverse Childhood Experiences

- Adverse Childhood Experiences (ACE) is defined by Centers of Disease Control and Prevention
  - Examples include: Childhood abuse, neglect, parental incarceration, substance abuse in the home and exposure to other traumatic stressors
  - Associated Outcomes: Heart disease, alcohol and illicit drug abuse, smoking, unintended and adolescent pregnancies
- ACE has been adopted by AAP to be used as important risk factors for adult disease
- SBHCs and schools are in an ideal setting to identify and support children with ACE.
SBHCs and absenteeism

• Traditional school nursing services
• SBHC and traditional services
• Urban high schools in upstate NY
• Controlled for race, gender, age, poverty status, and preexisting illness
• Control setting lost 3 times as much seat time
• SBHC → fewer early dismissals (p = 0.013)
• Van Cura M. Journal of School Health. 80 (8):371-7, 2010 Aug
Cost-Benefit Analysis of Childhood Asthma Management through School-Based Clinic Programs*

- Asthma is a leading chronic illness
- SBHCs reduce ER use and hospitalization for asthma
- Eight public data sources
- Costs of nursing for a nationwide SBHC program = $4.55 billion
- Medical savings of $1.69 billion
- Opportunity costs of work loss and premature death = $23.13 billion

*Tai T, Bame SI: Journal of Community Health. 36(2): 253-60, 2011 Apr
Social disadvantages that depress student performance

• Parenting practices that impede children’s intellectual and behavioral development
• Single parenthood
• Parents’ irregular work schedules
• Inadequate access to primary and preventative health care
• Exposure to and absorption of lead in the blood

L Morsy and R Rothstein “Five social disadvantages that depress student performance. Why schools alone can’t close the achievement gaps” Economic Policy Institute June 10, 2015
How SBHC can help

• Single parenthood
  – Sex education and prescribing of contraceptives

• Inadequate access to primary and preventative health care
  – Provides easy access to quality primary care
SBHC Costs

• **Equipment** - typically fixed and one time 5%
• **Supplies** - ongoing but a small proportion of the total budget 5%
• **Personnel** (dictated by NYSDOH SBHC Staffing Guidelines) 90%
  - Site specific: begins before we see students 90%
  - Program wide: managers and supervisors shared across sites 10%
SBHC Funding

- Bill insurance (but nothing out-of-pocket)
- Governmental
  - HRSA – Federal
  - NYSDOH-State
- Foundations
- Businesses
- In-kind support from Bassett
  - Lab supervision, printing, pharmacy, courier
- In-kind support from school
  - Renovations, room, heat, light, phone, fax, maintenance
Ongoing Community Involvement in the SBHC

• Periodic meetings with the Superintendent
• Community Advisory Boards
• Local ‘community chest funds’
• Satisfaction surveys
  – Affirms desire of SBHC for involvement
  – Is a source of useful information
• Reporting to the BoE
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