



Nurse Managed Medical Homes for School-Aged Children

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Background Information:

◆ Mississippi leads the nation in:

1. obesity

2. heart disease

3. child death rate

4. moved to 3rd in diabetes just
Puerto Rico ahead of us now

recently with W.VA and

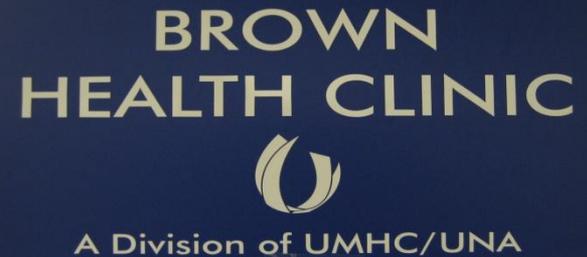
Background Information

- **Mississippi is 2nd (36%) in poverty rates for children <18 years compared to national rate (22%)**
- **12.9% of children in MS are uninsured compared to 11.0% nationwide**
- **31% of all uninsured children in MS are without a medical home**
- **12.7% do not receive necessary medical care**

Purpose of these Medical Homes

- ◆ Provide a medical home offering quality health care in a Jackson Public School district area where the children are socially neglected, economically deprived and where health disparity is ubiquitous.
- ◆ Develop and expand clinical practice sites to provide structured, culturally competent learning experiences for the undergraduate and graduate nursing students at UMC in a medically underserved and economically disadvantaged population
- ◆ Establish a medical home using electronic health records connected to the University of Mississippi Medical Center

Description of Schools:



◆ Brown Elementary:

- ◆ 340 students attend this intercity school
- ◆ Located next door to Rowan Middle and is a feeder school to Rowan
- ◆ 100% African American
- ◆ 94.95% of the families who attend are categorized as low income
- ◆ Brown is a “level 2” school, categorized as ‘under-performing”

Majority of the children’s caretakers reported using the ED as their primary care physician

Description of Schools

🟢 Rowan Middle School:

- 🟢 350 students attend this intercity school
- 🟢 100% African American
- 🟢 92.22% are categorized as low income
- 🟢 Level 2 school, ‘underperforming”

Majority of these children’s caregivers reported using the ED as their primary care physician



Demographics:

- ◆ **Brown and Rowan share campus complex but have independent buildings and classrooms**
- ◆ **Per capita income of this community: \$5125.00**
- ◆ **47% of area's families are below poverty level, twice the city of Jackson**
- ◆ **62% of area's housing units are renter-occupied**
- ◆ **39.8% of families have single female as head of household**
- ◆ **Unemployment rate: 15%**
- ◆ **50% of area's adults over the age of 25, hold less than a high school diploma**
- ◆ **High rate of crime and substandard, vacant housing units in this area**

Good News:

💧 These clinics are partnered with:

- 💧 University of Mississippi Medical Center
- 💧 University of Mississippi Medical Center School of Nursing and School of Dentistry
- 💧 Baptist Medical Center
- 💧 North Midtown Community Development Center
- 💧 Jackson Public School District
- 💧 Walker Foundation
- 💧 Delta Health Alliance
- 💧 UNACARE Health Clinic



Services Offered:

- ◆ Function as a primary care clinic with NP, RN at each site during school hours (8am-2:30 pm)
- ◆ Assess, diagnose, treat and prescribe medications
- ◆ Laboratory services
- ◆ EPSDT services for children with Medicaid, United Health Care
- ◆ Free sports physicals in the Fall
- ◆ Daily medication administration and continual, consistent evaluation (asthma, diabetes, hemophilia)
- ◆ Daily wound care or other nursing procedures students require (in and out catheterizing and trach suctioning)
- ◆ Each student gets free teeth cleaning and sealants every year through the dental school at UMMC

Services Offered:

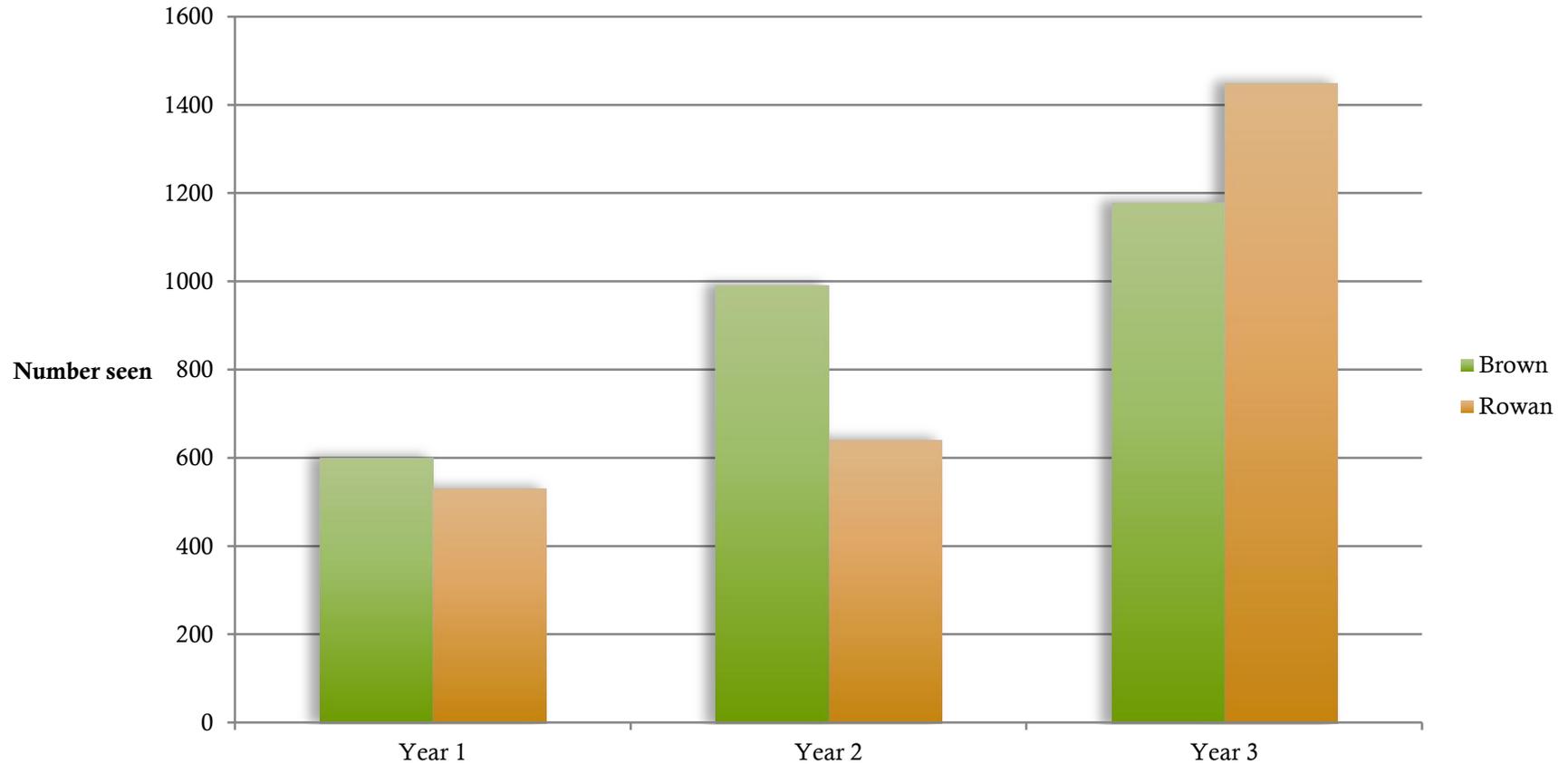
- ◆ **Supplies and education on puberty, hygiene, healthy habits**
- ◆ **Individualized hand washing education for each student**
- ◆ **Individualized exercise/nutritional services for students who are obese**
- ◆ **Educational seminars for parents of children at schools through PTA meetings**
- ◆ **Monthly educational seminars for all students during school hours**
- ◆ **Nutritious snacks secured by local donors and provided students**
- ◆ **Referrals to UMMC or BMC for additional services not provided at the clinics**
- ◆ **Referrals to UMMC specialty health clinics (ENT, endocrinology, urology, behavioral health, cardiac, orthopedics, obstetrics)**
- ◆ **Referral to UNACARE clinic for immunizations or other health care needs**
- ◆ **Assistance in getting children on insurance**

What we are most proud of is...

- ◆ Reduction in the total average daily absences (87%)
- ◆ Reduced the number of ED visits by these children (82%)
- ◆ Performed 100% of available EPSDTs at both schools
- ◆ Students are healthier, more educated about their health
- ◆ Kept parents at work, children at school
- ◆ Increased the number of children who are insured (29%)
- ◆ Provided clinical experience for 100% of our undergraduate nursing students
- ◆ Provided clinical experience for 50% of our advanced practice nursing students who needed pediatric experience

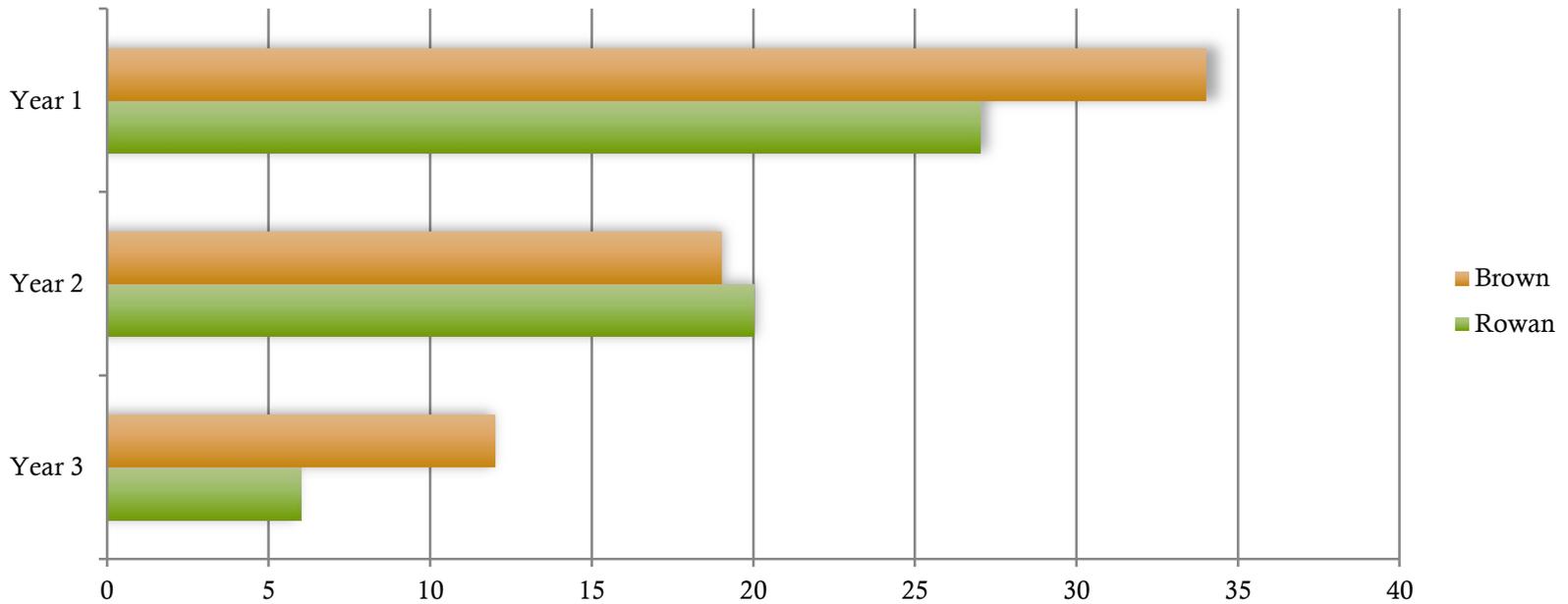
Patient Encounters

Patient Encounters



Children Sent Home

Children Sent Home From School



Most Common Diagnoses

🔹 Brown Health Center

- 🔹 URI
- 🔹 + strep throat/tonsillitis
- 🔹 Asthma
- 🔹 Acute Otitis Media
- 🔹 Accidents
- 🔹 Bacterial Conjunctivitis

🔹 Rowan Health Center

- 🔹 URI
- 🔹 + strep/tonsillitis
- 🔹 Asthma
- 🔹 Diabetes
- 🔹 UTI
- 🔹 Obesity

Plans for the future?

- ◆ Continue to seek funding for these clinics
- ◆ Involve other health professionals in the provision of care
- ◆ Continue providing quality, competent care in an efficient manner to keep the children in school and the parents at work
- ◆ Maintain the number of undergraduate nursing students who participate in clinical at these clinics
- ◆ Increase the number of advanced practice nurses who gain clinical experience in these clinics
- ◆ Continue health education within the schools for students and parents
- ◆ Continue to provide a 'safe place' for students to come for their health care needs
- ◆ Assist others to replicate this model in other areas of our country

Thanks for your time!

💧 Any Questions?



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