POLICY STATEMENT

Role of the School Physician

abstract

The American Academy of Pediatrics recognizes the important role physicians play in promoting the optimal biopsychosocial well-being of children in the school setting. Although the concept of a school physician has existed for more than a century, uniformity among states and school districts regarding physicians in schools and the laws governing it are lacking. By understanding the roles and contributions physicians can make to schools, pediatricians can support and promote school physicians in their communities and improve health and safety for children. Pediatrics 2013;131:178–182

HISTORY OF PHYSICIANS IN THE SCHOOL SETTING

Physicians associated with schools have held a variety of titles over the years. For the purpose of this article, a school physician is any physician who serves in any capacity for a school district, such as, but not limited to, an advisor, consultant, medical director, volunteer, team physician, medical inspector, or district physician.1 This statement does not address the role of physicians in school-based health centers2 or the role of community pediatricians as private providers to school-aged children. Information on these topics is available on the American Academy of Pediatrics (AAP) Council on School Health Web site (http://www.aap.org/sections/schoolhealth/).

The tradition of a school physician dates back to the late 1800s, as parents and public officials recognized that public school facilities needed national systematic medical inspection.3 Over time, the role of the school medical inspector expanded to include containment of prevalent infectious diseases of childhood3,4 and eventually as an important vehicle to manage universal immunization.5 Modern school physicians focus on the needs of individual children as well as the public health of the school community.3,5,6,7 They often assist schools in accommodating students who have special health care needs, manage acute and chronic illness, and oversee emergency response, environmental health and safety, health promotion, and education.8,9

Millions of children spend roughly 7 hours per day, 180 days per year, in school10 and may only visit their medical home once annually. In 1999, Dr Joycelyn Elders acknowledged the interdependence of health and education when she said, “You cannot educate a child who is not healthy, and you cannot keep a child healthy who is not educated.”11 In addition, Bright Futures, a national health care promotion initiative, encourages public schools and public health communities to become partners in prevention efforts.12 Despite the value of coordinating...
health and education, physicians are not effectively and consistently involved in schools across the nation. As a result, US children have varying levels of medical support and safety, depending on the community in which they live. Well-placed school physician expertise can contribute to the creation of policies and practices that provide sound, evidence-based structure to coordinated school health teams.

CURRENT LAWS PERTAINING TO THE PHYSICIAN IN SCHOOLS

Currently, there is no single national set of school health laws. School health services are primarily regulated by state or local governments or individual school districts, and these regulations vary. Some states mandate school physicians, most do not. However, "no one has systematically identified the full range of relevant legal authorities pertinent to schools that may help shape the health of children and adolescents." Federal law guarantees antidiscrimination and equal protection to individuals who have disabilities. These laws require federally funded states to provide “related services,” such as school nursing, as part of a child’s Individualized Education Plan. However, the US Supreme Court ruled that school districts are not required to provide physician services for individual students, except for diagnostic or evaluative purposes for special education services. This ruling’s broad interpretation has limited funding to schools for physician services, despite the fact that many states, and the AAP, established basic minimal health services schools should provide without established guidance for pediatrician involvement.

The AAP recommends that all schools have a registered professional school nurse, to provide health services in schools. The American Medical Association not only recommends that school health be provided by “a professionally prepared school nurse” but also that “health services in schools must be supervised by a physician, preferably one who is experienced in the care of children and adolescents. Additional, a physician should be accessible to administer care on a regular basis.” Despite a scarcity of laws addressing school physicians, pediatricians remain leaders in child health care and are integral members of the school health team. Certainly, pediatricians need to know the laws that apply to their patients and themselves and will benefit from collaboration with their AAP chapter, state and local health departments, and school district to understand the laws specific to their role in the schools. However, the lack of uniformity of laws or standards of best practice for school physicians complicates the role physicians have in schools and results in a difference of health care for children based on the schools they attend.

CRITICAL KNOWLEDGE BASE FOR PHYSICIANS WORKING IN THE SCHOOL SETTING

Ideally, school physicians should be board-certified pediatricians or physicians with expertise in pediatrics. In addition to basic training in child growth and development, disease processes, and well-child maintenance including adolescent and reproductive health and sports medicine, physicians who work with schools need additional expertise in key school health topics.

### Table 1 Critical Knowledge Base for School Physicians

| Infectious diseases (eg, outbreak control) |
| Public health (eg, risk assessment and management, resources) |
| Immunizations (eg, school requirements and medical contraindications) |
| Medical-legal issues |
| State and district school and public health laws, regulations, and policies |
| IDEA, Section 504, and ADA |
| FERPA and HIPAA and how they intersect in the school setting |
| Adolescent health (eg, brain development and reproductive health) |
| Sports medicine |
| The value of physical education and physical activity at school |
| Injury prevention |
| Conditioning |
| Disqualifying conditions |
| Hydration |
| The effects of climate extremes on athletes |
| Concussion management |
| Adaptive physical education |
| Emergency preparedness (eg, children with special health care needs) |
| Environmental and occupational health (eg, indoor air quality) |
| Health and learning (eg, medical, emotional, attentional, and learning problems that affect learning) |
| Social services resources (eg, access to health insurance and assistance programs) |
| A coordinated school health model (eg, health services, health education, healthy and safe environment, physical education and activity, nutrition services, counseling/psychology/social services, staff health promotion and family/community involvement) |


* Unless there is a separate team physician.
CURRENT ROLES AND RELATIONSHIPS FOR SCHOOL PHYSICIANS

The roles and types of relationships for physicians working in schools are broad. Involvement can range from fulfilling mandated services, serving as an advisor to a school health advisory group, or being the leader of a coordinated school health program. School physicians function based on the medical and social needs or demands of the community, the school district’s priorities, and state laws. School physicians not only bring value to the quality of health services but also may provide a cost savings to districts, with decreased liability from physician oversight of sound school health programs. For example, school physician–coordinated concussion management programs, established climate standards for outdoor activity, or guided anaphylaxis management protocols can potentially save lives, reduce morbidity, improve outcomes, and prevent potential costly litigation against school districts.33–36 Because states fund schools on the basis of student attendance, a school physician can potentially save schools money by decreasing absenteeism through advocacy and education, such as in improved asthma or diabetes management.37–40

The Council on School Health Web site (http://www.aap.org/sections/schoolhealth/) provides guidance on these activities and how pediatricians can work with schools (Table 2).

Physicians can have a professional relationship with schools in many ways, such as a full- or part-time employee, an independent contractor, or a volunteer on a school health advisory group. Where feasible, a school physician does not serve as a private physician for a child in that school district, however, because it can create a potential conflict of interest between the physician as representative/advocate for a patient versus the school. Whatever the relationship, once a school district asks a physician to participate in hands-on medical practice for compensation in exchange for services, a clear definition of district expectations of the physician is essential. An agreement, accounting for laws governing the relationship of the physician to the public school district, should define indemnification and liability. It is critical that physicians understand the specifics of their relationship and that the legal implications are articulated clearly in a written agreement renewed periodically. Although community volunteerism is attractive, physicians should take some precautions before volunteering to serve as a school or team physician. It is essential that he or she knows and understands state laws that address whether a district has an obligation to

### TABLE 2 Roles for School Physicians

<table>
<thead>
<tr>
<th>Mandated Services</th>
<th>Consultation</th>
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<tbody>
<tr>
<td>Physical exams (grade mandated, special education, work permits, sports participation)</td>
<td>Write standing nursing orders/protocols</td>
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<tr>
<td>Oversight of return to sports (eg, concussion management programs)</td>
<td>Athletic advisor/team physician</td>
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<td>Active member on teams/committees (eg, special education, wellness, health education)</td>
<td>Oversee health aspects of athletic programs and best practice standards</td>
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<td></td>
<td>Infectious diseases esp. for close contact sports</td>
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<td>Participation of athletes with serious medical conditions</td>
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<td>Adaptive physical education for acutely injured or chronically disabled youngsters</td>
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<td></td>
<td>Mixed gender competition</td>
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<td></td>
<td>Develop policies</td>
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<td>Contagious diseases/pandemics</td>
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<td>Restraint, suspension, expulsion</td>
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<td>Bullying</td>
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<td>Reproductive health</td>
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<td>Chronic school absenteeism</td>
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<td>Develop protocols</td>
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<td>Delivery of medications</td>
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<td>Seizure management</td>
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<td>Diabetes care</td>
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<td>Anaphylaxis management</td>
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<td>Asthma education and management</td>
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<td></td>
<td>Assist in the management of specific medical emergencies or immediacies</td>
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<td></td>
<td>Participate at the building level in comprehensive, multidisciplinary teams and wellness councils</td>
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<tr>
<th>Programmatic leadership</th>
<th>Liaison with primary care physicians regarding specific concerns</th>
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<tr>
<td>Health program evaluation and quality improvement</td>
<td>Professional performance development</td>
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<tr>
<td>Mental health promotion programs</td>
<td>Evaluation and collaborative oversight of nursing staff and other health service providers, including one-on-one nurses and door-to-door transportation</td>
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<tr>
<td>Nutrition and food services</td>
<td>Reviews of emergency care plans for children with life-threatening conditions.</td>
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<tr>
<td>Physical activity and education</td>
<td>Classroom observations of children with special needs</td>
</tr>
<tr>
<td>Staff wellness</td>
<td>Health education curriculum development</td>
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<tr>
<td>Family and community education</td>
<td>Direct consultation with principals or the superintendent</td>
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<td></td>
<td>Medical-legal issues</td>
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<td>Parent attorneys or advocates in accommodation disputes and hearings</td>
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<td></td>
<td>Building and playground health and safety</td>
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<td>Bloodborne pathogen incidents</td>
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<td>School closure related to illness or weather extremes, or infections that affect public health</td>
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</tbody>
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33–36 Because states fund schools on the basis of student attendance, a school physician can potentially save schools money by decreasing absenteeism through advocacy and education, such as in improved asthma or diabetes management.37–40
hire a medical director. Regardless of
the type of relationship, the physician
should notify his or her professional
liability insurance company of involve-
ment in school health activities and
determine whether the insurance cov-
ers such activities. If covered, this de-
cision should be noted in writing. If
a district has an obligation to provide
compensation for physician services,
this will allow the physician to schedule
time for the school district and to im-
prove the quality and consistency of
service.

RECOMMENDATIONS

Given the contribution a school phy-
sician can make to the overall well-
being of a child within the context of
the school setting, the AAP recom-
mends the following:

1. Pediatricians should advocate that
all school districts have a school
physician to oversee health ser-
tices. The school physician’s roles
and responsibilities should be well
defined, fairly compensated, and
outlined within a written contract.

2. Pediatricians should support their
patients and local school health
programs by working closely with
the school health services team. In
districts without school physicians,
pediatricians should educate these
districts about the benefits of hav-
ing a school physician and work to
foster private-public partnerships
for school physicians.

3. School physicians should be experts
in key school health topics and be
educated about the medical-legal
environment in which they practice.
They need to provide proper notifi-
cation of their role and responsibil-
ity to their medical liability insurer
and should collaborate with their
AAP chapter, state and local health
departments, and school district to
understand the laws specific to
their role in the schools.

4. Community pediatricians should be
knowledgeable about key school
health topics and how to work ef-
fectively with schools their patients
attend.

5. Pediatricians should consider be-
coming a school physician or serv-
ing on school boards or school
health advisory groups to develop
sound school health policies and
community programs.

6. All physicians who work with school-
aged children should recognize the
value to the child when there is
a comprehensive, coordinated team
effort among the child’s medical
home, the school, and family.

7. Pediatric medical investigators should
consider further research to de-
termin how comprehensive coor-
dinated school health programs
under the direction of a school phy-
sician can improve health care in
schools and enhance the goals of
the medical home without attempt-
ing to replace it.

8. AAP districts and chapters should
support school health and school
physicians and use the school physi-
cian’s expertise to advocate for
important changes to state and lo-
cal school health policy. In addition,
AAP districts and chapters should
advocate to develop and promote
school health policies that benefit
children by advocating for additional
research on the benefits of school
physicians in school health services.

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