

Technical Information

Equipment Options

HealthQuiz can run on any computer or device connected to the Internet that can run a web browser or support the Java run-time environment.

If you need to make a hardware purchase to use HealthQuiz, your choices are very open and affordable. Suitable machines are available from vendors such as Apple, Compaq, and Dell.

We also recommend a touch screen for patient terminals, such as that made by EDMark (~\$300). More information can be found at EDMark's web site (<http://www.edmark.com/>).

Systems Integration

HealthQuiz can be integrated with many information systems. Our system is very flexible and open to multiple forms of computer communication, including (but not limited to) HTTP, HTTP/SSL, FTP, ODBC, and CORBA.

Start an Account

Account information is available on request by writing email to accounts@healthquiz.com

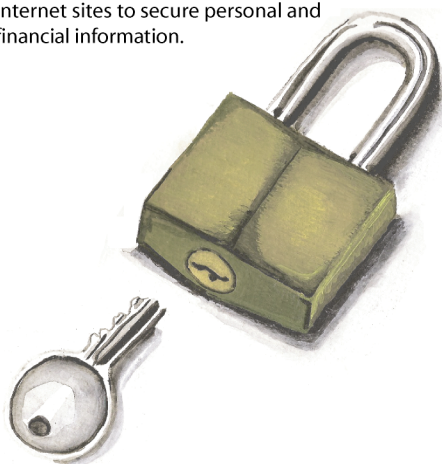
Review Samples

Sample questionnaires, reports, and physician's office are available online at <http://www.healthquiz.com>

Secure Data

1) All information transmitted to our servers, stored on our servers, and transmitted back to the physician is anonymous. The physician must link the randomly assigned HQIDs to the patient's identity.

2) HealthQuiz uses the industry-standard SSL encryption technology to further protect the link between users and the HQ web servers and databases. This is the same technology used in hundreds of other commercial Internet sites to secure personal and financial information.



More information

Write to:

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Healthcare, Inc.
HealthQuiz/WWW Project
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Suite 216
Chicago, IL 60637

Phone/Internet:

Phone: (773) 834-0485
E-mail: info@healthquiz.com
Web: <http://www.healthquiz.com>

HealthQuiz

Solutions for Challenges in Pediatric and Adolescent Medicine



Learn how HealthQuiz Peds can improve the quality of care AND save time and money

Challenges:

Too much to do in too little time.

Demands on physicians' time limit the completeness of in-person interviews. Documentation of patient interview responses is time-consuming and labor intensive. Time spent documenting interview responses is time not spent treating patients.

Inconsistent data collection.

Public health researchers' efforts to establish patterns amongst a sample of patients are thwarted by incomplete or inconsistent data gathered through traditional patient interviewing. While consistent in their content, paper questionnaires have limited capacity for "branching," which is the ability to appropriately follow up on patient responses.

Adolescents need privacy.

Adolescent patients' concerns about privacy interfere with accurate reporting of behavioral risks. Adolescents are more likely to answer physician interview questions in a socially acceptable manner when a parent is present.

Billing problems.

Studies show that physicians believe that preventive care is not adequately reimbursed.

A Solution: HealthQuiz

HealthQuiz is a suite of patient self-administered, computerized health history screening based on current established health guidelines. The questionnaire has been shown to be reliable in clinical settings.

HealthQuiz may be administered on the Internet, on a stand-alone Java-based application, or via telephone.

Using branched decision-tree logic, HealthQuiz asks only those questions which are appropriate to the age, sex, and risk profile of the patient. All questions are formatted to elicit a "yes," "no," or "not sure" response.

Upon completion of the questionnaire, a physician's report which identifies potential health problems and a patient education report are generated.

Benefits

Improved Care

The HealthQuiz helps the pediatric caregiver provide a more thorough, accurate, and detailed health assessment than permitted in a normal clinical interview.

Increased Efficiency

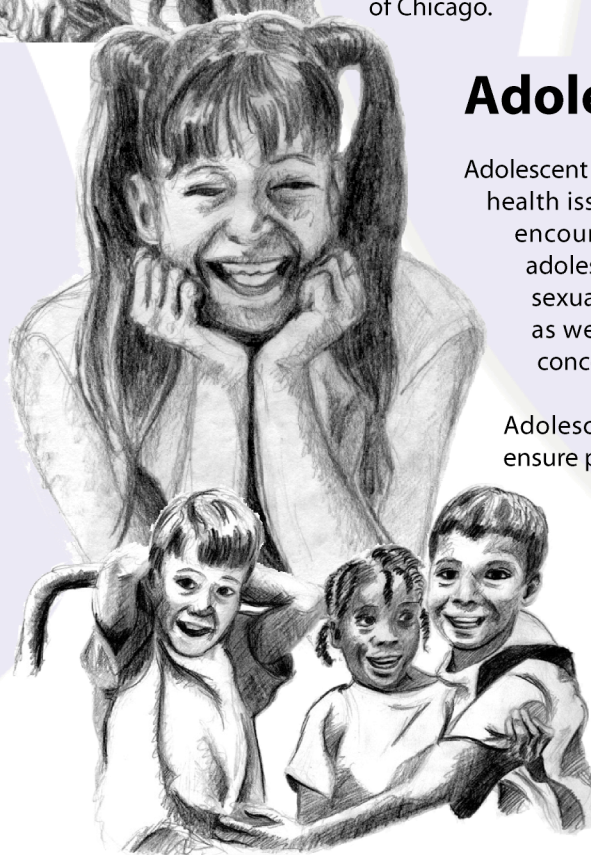
Documentation of health histories is automated and uses patient labor. HealthQuiz should help physicians make the most of the limited time they have with their patients by focusing the clinical encounter on issues uncovered by the questionnaire.

Integrated Medical Data

Responses can be integrated into medical information systems, allowing physicians to maintain a health history and researchers to draw on a consistent data set.

Simplified Billing

Physicians can be reimbursed for using HealthQuiz under the CPT code for interpreting the results of a preventive health risk assessment tool.



Pediatric Questionnaire

HealthQuiz Peds permits a more extensive individual health survey of potential individual child health problems than is practical in most clinical encounters. The questionnaire includes two modules, Medical Peds and Prevent Peds.

Medical Peds covers the entire range of pregnancy and peri-natal health issues, child development, review of systems, and family history. The module takes about 15 minutes to complete.

Prevent Peds covers the complete range of psychosocial, injury prevention, behavioral, and educational issues. All questions are personalized - children are referred to by name in the interview to avoid confusion. The module takes about 10 minutes to complete.

Pediatric HealthQuiz was written and developed by Dr. Richard Goldbloom, former chair of the Canadian Task Force on the Period Health Examination, and Dr. Michael Roizen, Chair of the Department of Anesthesia, University of Chicago.

Adolescent Questionnaire

Adolescent HealthQuiz addresses age-appropriate adolescent health issues that are often overlooked in regular clinical encounters. The questionnaire extensively screens for adolescent health problems, including eating disorders, sexual health, drugs and alcohol, depression, violence, as well as the entire range of adolescent biomedical concerns.

Adolescents complete the questionnaire themselves to ensure privacy and accurate reporting of health behaviors.

Interviews conducted by computer also help counteract adolescents' tendencies towards socially-acceptable self-reporting. The questionnaire was tested and shown to be comprehensible and acceptable to most adolescents.

Adolescent HealthQuiz was written and developed by Richard Goldbloom, MD, and Michael Roizen, MD.