



For Immediate Release

**Orlando Health Signs Agreement to Implement  
Isabel's Diagnosis Decision Support System**

**-- System Wide Implementation to Enhance Patient Safety --**

Orlando Health has partnered with Isabel Healthcare to implement an innovative web-based diagnosis decision support checklist tool to assist physicians with diagnosis decisions.

The Isabel system will be made available to over 2000 physicians practicing within the health system as part of Orlando's ongoing commitment to quality and patient safety. While most diagnoses are reached through the experience and knowledge of the physician, in 10 - 15% of the cases they are more difficult to determine. Isabel assists by accelerating the process for determining the diagnosis of a patient in those situations where there is some question.

The system is designed to complement the physician's expertise by producing a differential diagnosis checklist of those diagnoses most closely related to a given patient's clinical features. A patient's pertinent signs and symptoms are entered into the system and a differential diagnosis checklist is instantly returned. In addition to the diagnosis support Isabel assists with ongoing training by providing access to up to date information from medical journals and textbooks, hospital protocols, and online web resources.

"Missed information and delayed diagnosis can result in unnecessary testing and prolonged hospital stays, both of which can adversely affect patient care," said Jay Falk, M.D., chief academic medical officer for Orlando Health. "Isabel can be a powerful tool in helping to avoid these pitfalls while having the added benefit of helping to educate our physicians by broadening their differential diagnostic considerations."

The Isabel system was conceived 10 years ago as a direct response to the near-fatal misdiagnosis of a three-year-old girl in London named Isabel Maude, who developed necrotizing fasciitis, a complication of chicken pox. Both the girl's primary care physician and the local hospital's emergency department failed to recognize the typical clinical features of necrotizing fasciitis, a potentially fatal illness, and sent her home.

The girl's father, Jason Maude, founded Isabel Healthcare Inc. in 2000 based on his daughter's experience. Today, both Isabels are doing well. Maude's daughter is a happy and healthy teenager and his technology is being incorporated at more and more hospitals around the world. The system not only assists in making the right diagnosis, but also helps answer clinical questions with up-to-date knowledge related to specific diagnoses.

A unique aspect of the Orlando Health/Isabel healthcare partnership will provide for the Isabel system to be completely integrated into the health systems electronic medical record system. This will allow Isabel to be used seamlessly in the clinical workflow of the physician and will empower the information in the electronic record, extending its patient safety benefits to Central Florida residents.

"As always it is the responsibility of the CMIO to identify information systems that will support our clinical team in its endeavor to provide the best possible care for our patients," said Steve Margolis M.D., chief medical informatics officer for Orlando Health. "In this circumstance it means providing our caregivers with the most informed, comprehensive and timely information that will assist and support the care of our patients. By integrating Isabel into the normal care process of our providers, we hope to accelerate the care of our patients as well as improve the efficiency and effectiveness of the care process itself."

"We are excited about our partnership with Orlando Health and bringing Isabel to their physicians as an integral part of their electronic medical record" said Don Bauman, Isabel Healthcare USA's CEO. "Isabel provides vital support at the most important step in the care delivery process-determining the diagnosis of the patient. Speed to correct diagnosis has tremendous downstream clinical quality, financial, legal and patient satisfaction impacts. We are proud to be working with them on this effort."

The Isabel system will be made available to all physicians at Orlando Health via the electronic medical record system, providing access for them where and when they need the system.

### **About Orlando Health**

Orlando Health is a \$1.7 billion not-for-profit health care organization and a community-based network of hospitals and care centers in the Orlando region. The organization, which includes the area's only Level One Trauma Centers for adults and pediatrics, is a statutory teaching hospital system that offers both specialty and community hospitals. They are: Orlando Regional Medical Center; Arnold Palmer Hospital for Children; Winnie Palmer Hospital for Women & Babies; Dr. P. Phillips Hospital; South Seminole Hospital; South Lake Hospital (50 percent partnership); St. Cloud Regional Medical Center (20 percent partnership) and M. D. Anderson Cancer Center Orlando – the first affiliate of one of the nation's premier cancer centers The University of Texas M. D. Anderson Cancer Center in Houston. Orlando Health's areas of clinical excellence are heart and vascular, cancer care, neurosciences, surgery, pediatric orthopedics and sports medicine, neonatology, and obstetrics and gynecology.

Orlando Health is Central Florida's fifth largest employer with nearly 14,000 employees and more than 2,000 affiliated physicians, all of whom support our philosophy of providing high quality care and service when it matters most. We prove this everyday with over 100,000 inpatient admissions and more than 600,000 outpatient visits each year. In all, Orlando Health serves 1.6 million Central Florida residents and nearly 3,000 international patients annually. Additionally, Orlando Health provides approximately \$198 million in support of community health needs. More information can be found at [www.orlandohealth.com](http://www.orlandohealth.com).

### **About Isabel Healthcare**

Isabel Healthcare Inc. was founded in 2000 by Jason Maude, and is named after Maude's daughter who almost died after a potentially fatal illness was not recognized. Isabel Healthcare provides, Isabel Pro, a web-based Diagnosis Decision Support System designed to help mitigate risk of diagnosis error and related downstream clinical, financial and legal outcomes. Designed to complement a physician's clinical expertise, Isabel operates within their workflow either integrated into the EMR system or on its own, providing actionable knowledge where and when the clinician needs it.

Contacts: Kena Lewis, Orlando Health, [kena.lewis@orlandohealth.com](mailto:kena.lewis@orlandohealth.com), (321) 841-8184  
Don Bauman, Isabel Healthcare, [don.bauman@isabelhealthcare.com](mailto:don.bauman@isabelhealthcare.com), (734) 332-0612