

WeeFIM II[®] System

1/10/12

The WeeFIM II[®] Advantage

The WeeFIM II[®] System

- ▶ Includes the WeeFIM[®] instrument, the WeeFIM[®] Instrument: 0-3 Module, and an Internet-based software application with a report generator and quarterly aggregate reports
- ▶ Documents functional performance in children and adolescents with acquired or congenital disabilities
- ▶ Applies across inpatient, outpatient, and community-based settings
- ▶ Provides a method of evaluating outcomes for individual patients, groups of patients (population-based), and pediatric rehabilitation and habilitation programs

The WeeFIM[®] Instrument

The WeeFIM[®] instrument is a minimal data set of 18 items that measure functional performance in three domains: self-care, mobility, and cognition. The WeeFIM[®] instrument was developed to measure the need for assistance and the severity of disability in children between the ages of 6 months and 7 years. The WeeFIM[®] instrument may be used with children above the age of 7 years as long as their functional abilities (as measured by the instrument) are below those expected of 7-year-olds who do not have disabilities.

Applications

The WeeFIM II[®] System has many applications:

- ▶ Clinical
- ▶ Performance improvement
- ▶ Management
- ▶ Research and development

What do you get with your subscription?

Your subscription to the WeeFIM II[®] System includes a wealth of beneficial features for your facility:

- ▶ Inpatient module
- ▶ Outpatient module
- ▶ 0-3 module
- ▶ Quarterly benchmarking reports
- ▶ Community listserv and *WeeFIM[®] News* electronic newsletter
- ▶ Clinical guide
- ▶ Technical support
- ▶ Clinical support
- ▶ Credentialing services

As a subscriber, you also will have access to the Internet-based WeeFIM II[®] software, which includes the following features:

- ▶ Custom fields
- ▶ Online data submission
- ▶ Report writer
- ▶ Real-time facility reports
- ▶ Task scheduler
- ▶ Dynamic export
- ▶ Robust and flexible database
- ▶ Patient profiles
- ▶ Resource utilization
- ▶ Case mix
- ▶ Referral tracking
- ▶ Online Help files
- ▶ Online system updates

National Database and Benchmark Reports

Our program evaluation reports compare individual programs against national benchmarks and address case mix, functional outcomes, and resource consumption. The recently expanded portfolio includes many new reports that are concise, easy to read and understand, and delivered online.



Uniform Data System
for Medical Rehabilitation

270 Northpointe Parkway, Suite 300
Amherst, New York 14228
tel: 716-817-7800
fax: 716-568-0037
www.udsmr.org

WOEFIM II[®] System

Hardware and Software

Maximum Security and Availability

Our server architecture ensures that no one point of failure can compromise our system. Our servers are located in a highly secure computer room managed by the University at Buffalo, The State University of New York. This room and the building that houses it operate under government-level security. The Internet connection provided by the University at Buffalo features high redundancy and very high-speed connections (2-T3 or 6-T1). The University also provides us with a redundant power source to protect against outages and blackouts.

Web Servers

Our two high-power, multi-processor web servers operate at the same time and share the load as needed. If one server is busy, the other will begin processing requests in order to speed up the response time that you see on your end.

Security Controllers

These two servers maintain our security. They also restore the database and verify that the backup process is functioning correctly. These servers also function as backups for the Crystal Report server, keeping your reports available even if the report server goes down.

Database Servers

Two high-power, multi-processor database servers provide redundancy insurance and potential future load sharing.

Crystal Report Server

This powerful server, which is backed up by our security controllers, is responsible for creating your reports.

Firewalls

We employ two firewalls to safeguard your data. One of the firewalls is administered directly by us, and the other is controlled by the University at Buffalo. The extra protection of our second firewall helps insulate your data from external source corruption.

Server Backups

We follow standard server backup procedures. Full backups are run nightly on all servers. We also have images of all the servers so that we can restore them quickly if needed.

Database Backups

The MS-SQL database is fully backed up each night. We also perform differential backups every few hours during the day. These procedures back up data that has been added or changed since the last nightly backup. In a worst-case scenario, we will lose data only since the last backup. Backups are verified each time they are run. The verification process restores the database and data to another set of database servers.

Minimum Hardware and Software Recommendations

| | |
|----------------|--|
| Processor: | Intel® Core™ i5 Desktop Processor or comparable processor |
| OS: | Windows® XP or later, supported by the latest service pack |
| RAM: | 4 GB |
| Browser: | Microsoft® Internet Explorer 7.0 or higher |
| Connectivity: | T1 or fractional T1, DSL, or cable connection (most broadband connections capable of sustaining a connection of 128K mbps) |
| Miscellaneous: | 1024x768 resolution Adobe® Reader® 7.0 (free from www.adobe.com) |



Uniform Data System
for Medical Rehabilitation

270 Northpointe Parkway, Suite 300
Amherst, New York 14228
tel: 716-817-7800
fax: 716-568-0037
www.udsmr.org

The WeeFIM[®] Instrument: 0-3 Module is a brief, family-centered questionnaire that consists of 36 items arranged in 3 domains. It measures foundational skills in children ages 0-3 years who have a variety of disabilities. The questionnaire can be administered quickly and easily to parents by interview or by self-report. The new instrument is intended to complement the WeeFIM[®] instrument, UDSMR's pediatric outcomes measurement tool. It will be useful across many settings, including early intervention and preschool.

Domains and Hierarchies

The WeeFIM[®] Instrument: 0-3 Module includes three domains:

- ▶ Motor (16 items)
- ▶ Cognitive (13 items)
- ▶ Behavioral (7 items)

The items within each of the three domains can be arranged in hierarchies from easiest to most difficult:

Motor

Lifts Head
Nutritional Intake Method
Reaches and Grasps
Lifts Chest
Transfers Objects
Food Texture
Plays With Toys
Hands and Knees
Crawls Over Obstacles
Imitates Use
Sits
Holds Cup
Stands
Creeps/Crawls/Walks
Climbs
Scoops Food

Cognitive

Looks at People
Recognizes Faces
Shows Affection
Looks at Book
Looks for Objects
Knows Meaning of Five Words
Goes Around Obstacles
Persists
Anticipates Next Step
Cries, Gestures, Words
Creative Solutions
Joint Attention
Familiar Sounds

Behavioral

Bathing
Separation Anxiety
Dressing
Sleeping
Calming
Mealtime
Cuddles

Rating Scale

The WeeFIM[®] Instrument: 0-3 Module uses a three-level rating scale:

- ▶ Level 3, Usually
- ▶ Level 2, Sometimes
- ▶ Level 1, Rarely

The total motor rating ranges from 16 to 48, the total cognitive rating ranges from 14 to 42, and the total behavioral rating ranges from 6 to 18. The WeeFIM[®] Instrument: 0-3 Module measures both early functional performance and changes in performance over time. Lower ratings for the behavioral items may indicate a need for earlier intervention than might otherwise be thought. For more information, contact our sales department by phone at 716-817-7856 or by e-mail at subscriberinfo@udsmr.org.



WeeFIM II[®] System

Additional Services

In addition to the standard features included in the WeeFIM II[®] System, subscribers can take advantage of other fee-based, value-added services, such as education, training, and consultation, as well as The Joint Commission's ORYX[®] services.

Clinical and Software Training

UDSMR offers clinical and software training sessions throughout the year in various cities, including our home office in Buffalo, New York. WeeFIM[®] training workshops are available to subscribers only. An up-to-date schedule is available on our website. For more information, contact Carole Stickels at 716-817-7815 or cstickels@udsmr.org.

Software Workshops

Our basic software workshop includes:

- ▶ Hands-on navigation of the WeeFIM II[®] software
- ▶ WeeFIM II[®] data entry
- ▶ Overview of new software features
- ▶ Software reports
- ▶ Export options for external reporting

Intermediate and advanced WeeFIM II[®] software workshops are also available. *Attendees should be comfortable with basic computer concepts and WeeFIM[®] data. Knowledge of Microsoft[®] Excel is preferred.*

Clinical Workshop

The following elements are core to the workshop:

- ▶ WeeFIM II[®] System overview
- ▶ Philosophy of outcomes measurement and functional assessment measurement
- ▶ Rating the WeeFIM[®] instrument
- ▶ Practice session
- ▶ Interview rating and discussion
- ▶ Case study rating and discussion
- ▶ WeeFIM[®] profiles
- ▶ WeeFIM II[®] System applications
- ▶ The credentialing process

The Joint Commission's ORYX[®] Performance Measurement System

If your organization provides rehabilitation care, UDSMR is prepared to be the system of choice for your ORYX[®] accreditation needs. UDSMR has provided national benchmarking and outcomes reporting for more than 15 years. Over 1,200 adult and pediatric rehabilitation facilities currently subscribe to UDSMR across the U.S. and around the world. The WeeFIM II[®] System has met the criteria for inclusion in the accreditation process and is included on The Joint Commission's list of acceptable systems. The WeeFIM II[®] System is committed to meeting future criteria established by The Joint Commission.

As an ORYX[®] subscriber, your facility will collect data and submit it to UDSMR on a quarterly basis. Four times each year, we will send ORYX[®] performance reports with monthly data points to the ORYX[®] contact person at your facility, and we will transmit this data to The Joint Commission on a prearranged schedule set by The Joint Commission. For an additional fee, UDSMR will arrange quarterly data submission to The Joint Commission for any number of performance measures between one and nine. Routine data checking will occur free of charge. Hourly fees will be assessed for specialized data error corrections and consulting.



Uniform Data System
for Medical Rehabilitation

270 Northpointe Parkway, Suite 300
Amherst, New York 14228
tel: 716-817-7800
fax: 716-568-0037
www.udsmr.org