TIKANIS®
Therapy Planner

Real-time clinical information management and hospital administrative system

Designed for clinicians, nurses, administrators and food preparation personnel

Automated printouts of schedules for tasks and activities

System used for more than 250,000 task scheduling since 2007

Efficient and customizable user interfaces

Extension to computer handheld devices

Effective system to alert patient's food allergy during hospital meal preparation

TIKANIS® Therapy Planner is an innovative design to organize real-time patient information, employee tasks, equipment devices and scheduled therapies. Therapy Planner incorporates clinical information system, hospital administrative system, electronic medical records and medical billing. The functionally rich program is a proven and time-tested technology. In collaboration with one of the largest rehabilitation centers, it is designed from the ground up to meet the requirements of clinical day-to-day operations.

Combining today's newest database approach and clean technology, this tool comes with an interactive platform using handheld computer devices. From early 2007 until now, more than 250,000 therapies have been organized for 5000 patients by 100 employees within a client-server architecture. Each employee has individualized privileges for access, reading and editing.

Customization of user interface

Real-time scheduling updates keep you connected and engaged with the information of people that matters most—your patients. Each user configures the system display to fit their personal needs. Up to 10 virtual configurations can be saved for each user; users can include, resize or reposition views on the user interface and save their changes as a specific configuration. The configuration is template-based so that it can be shared and reused with other colleagues.

The system comes with an automated workflow design and pre-configured templates so that its adoption becomes a seamless process. Predefined sets of patient therapies and activities can be scheduled by a single click and can be moved by a drag-and-drop mechanism with real-time accuracy in scheduling. Several color schemes for custom views in Therapy Planner assist users in differentiating employee tasks from patient activities. This system optimizes the management of clinical resources.
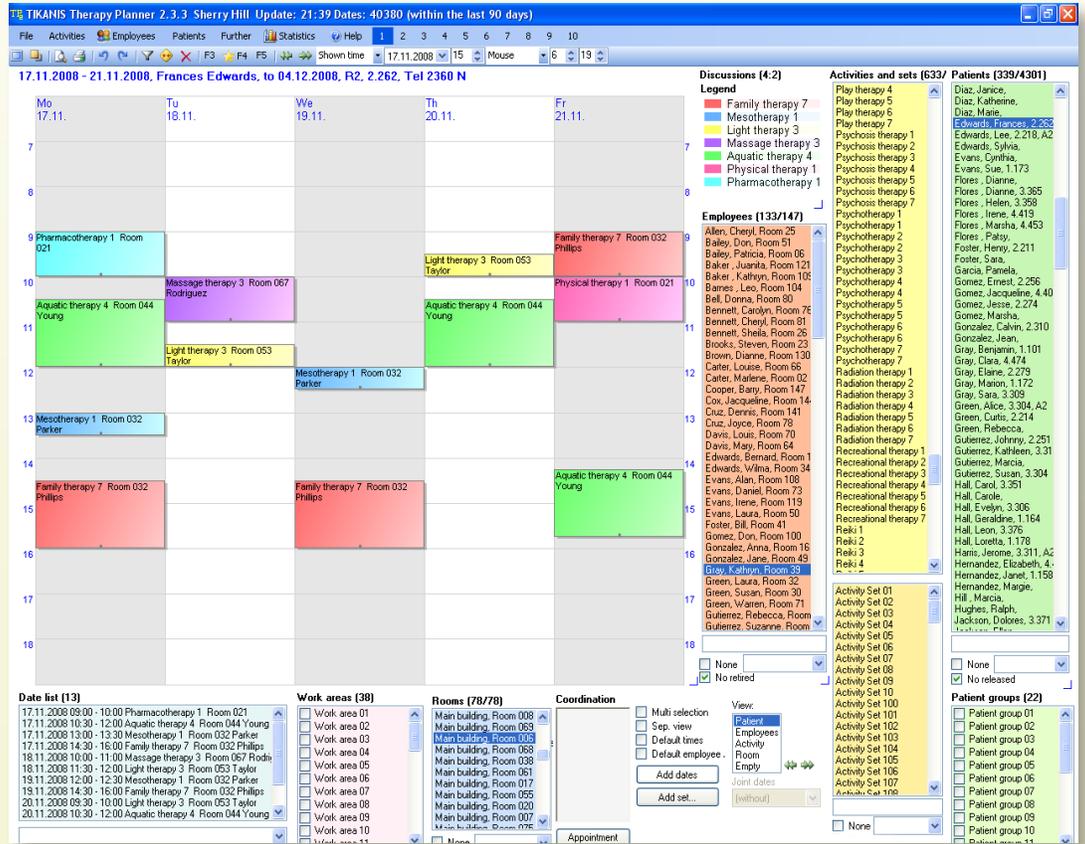
5-day view of a patient schedule. Dates and panels are movable for a relevant and optimized view.

Simultaneous view of schedules and tasks for 3 employees and 1 patients.

Schedules for multiple employees and patients

Therapy Planner is a multi-dimensional organization and scheduling tool. Multiple displays of patient therapy and employees' tasks let you monitor progress and optimize resources to provide the best care for your patients. Appointments for a group of employees or patients can be displayed next to each other rendering to an easy comparison of reserved or free time periods. This facilitates reallocation of tasks from one employee to another, for example in the case of a colleague who is sick and cannot be present to perform their specific tasks for the day.

Low-cost database solution and automatic backup strategies

The database client-server architecture allows concurrent access of the system by multiple users. Security level and access can be configured for each individual based on roles and privileges. In order to minimize the costs to these hospitals, we designed our system to also work with Microsoft SQL server express database that is free; the internal data structures and database tables are optimized in every possible way. In compliance with HIPAA regulations, the database is backed-up to an encrypted file and saved to a hard disk every hour or based on a configurable time setting. The back-up files can be used for recovery in the event of a system crash or a shutdown, as well as for reconciliation of entries that could have been modified by mistake. Date-specific undo and redo functionalities simplify the correction of an incorrect entry. Patient medical records and information can be imported automatically from an external source so that clinicians and nurses are always informed when making decisions that directly affect their patients.
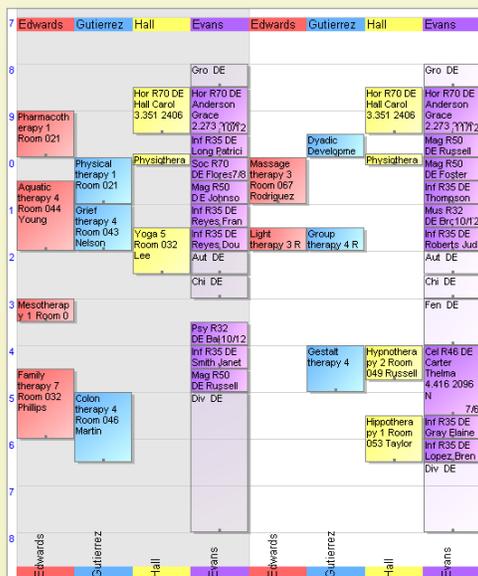
Printed appointment listings

An easy-to-use listing of patient therapy plan and activities can be printed from a set of predefined formats such as a timetable or a date-listing fashion. The printout can be scheduled as a repeated process sent to any printer within the network. It can also be used for managing personnel tasks or equipments. To keep with our mission in providing a green technology, the output is designed so that it can also be designated for handheld devices.

Conflicting dates

Within an internal peer-to-peer messaging module, date conflicts can be easily addressed and resolved for any affected employees. The conflicts in timing and therapy are highlighted automatically, providing a hassle-free and seamless mechanism for tracking scheduling issues.

Kitchen and Nutrition Module

With a rising prevalence, 12 million Americans suffer from a food allergy resulting in 30,000 emergency room visits and 100 to 200 deaths per year in the United States. Apart from allergies, many patients experience food problems such as lactose intolerance. Therapy Planner offers records of patients' food allergies. It also has an accurate tracking of food ingredients from side dish to spices, in order to alert kitchen personnel of a potential food allergy in a patient's meal during food preparation. Our system of tracking food ingredients and additives with patients' allergies is designed to avoid dangerous situations and to provide an efficient mechanism to manage hospital meals. The nutrition module of the TIKANIS Therapy Planner not only manages allergies and ingredients, but also supports patient-based selection of upcoming meals, storing of recipes, generation of grocery shopping lists, meal and table planning.

Statistical dashboard

An advanced statistical trend analysis tracks patient's therapy or performance over a period of time. It also helps you monitor the performance of your facility. Summaries can be presented either as a spreadsheet or a graph.
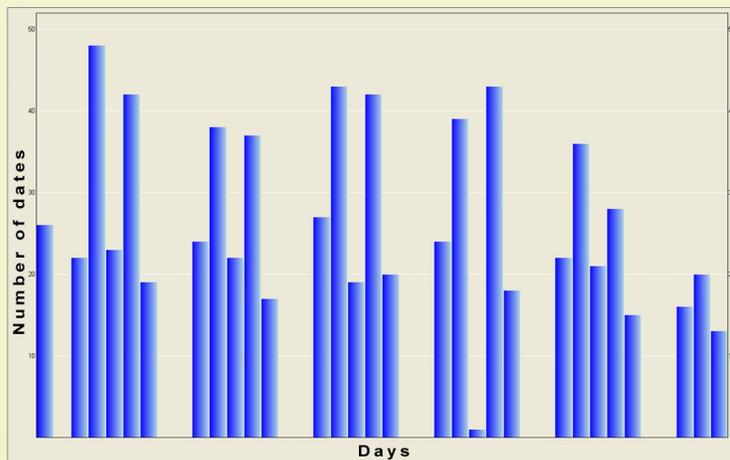
Ruby Peterson, 3.358, R3, 11/17/2008 - 11/21/2008
Stay 11/13/2008 - 12/4/2008 (21 Days)   Print 1/20/2009 5:42 PM

Monday, November 17, 2008			
08:30 - 08:50	**Abciximab, infusion 99.20** Mrs Moore	Main building, Room 057	☐
13:30 - 14:00	**Anesthesia, acupuncture for 99.91** Mrs Moore	Main building, Room 073	☐
14:00 - 14:30	**Behavior therapy 94.33** Mr. Cruz	Main building, Room 040	☐
14:30 - 16:00	**Transfusion - blood (whole) NOS 99.03** Mr. Cruz	Main building, Room 052	☐

Tuesday, November 18, 2008			
09:30 - 10:00	**Scapulectomy (partial) 77.81** Mrs Garcia	Main building, Room 050	☐
10:00 - 10:30	**Salpingorrhaphy 66.71** Mrs Jones	Main building, Room 070	☐
11:00 - 11:30	**Hemodiafiltration 39.95** Mr. Parker	Main building, Room 044	☐
15:30 - 18:00	**Removal, plasma water 99.78** Mrs King	Main building, Room 067	☐

Wednesday, November 19, 2008			
08:30 - 09:00	**Diversional therapy 93.81** Mrs Moore	Main building, Room 073	☐
09:00 - 09:30	**Ultrasonography – abdomen 88.76** Mrs Thompson	Main building, Room 051	☐
10:30 - 11:00	**Spectroscopy – intravascular 38.23** Mrs Cook	Main building, Room 003	☐
14:30 - 16:00	**Transfusion - blood (whole) NOS 99.03** Mr. Cruz	Main building, Room 052	☐

Thursday, November 20, 2008			
12:00 - 12:30	**Cobalt-60 therapy 92.23** Mrs Thomas	Main building, Room 070	☐
14:00 - 15:00	**Dance therapy 93.89** Mrs Jackson	Main building, Room 043	☐

Friday, November 21, 2008			
10:00 - 11:00	**Speech therapy NEC 93.75** Mrs Murphy	Main building, Room 052	☐
13:15 - 13:45	**Shock therapy – insulin 94.24**	Main building, Room 063	☐

Printed date-list of a patient for one week.

Number of employee activities per day

Language Internationalization

Therapy Planner is available in various languages including English, French, German, Spanish, Russian, and Chinese.

Hassle-free installation and administration

In a TCP/IP enabled MS Windows® network, installation and configuration of the database and setting up its background services can be completed within two hours. The client software is simply installed by copy and paste. Therapy Planner is backward compatible. Updated versions can be used in tandem with an older client version in the system, simplifying maintenance effort.

What users are saying about Therapy Planner?

Users of Therapy Planner love the ability to customize views that is relevant for them. Therapy Planner has an intuitive, powerful and flexible user interface.

TIKANIS®
Therapy Planner

Autogentic Training

for **Daniel Jones**

by **Lucille Reed**

Location: **Room 020**
Time: **Jan-12-09, 7:30h**
Duration: **30 Minutes**
☑ **Date has taken place**

(Next) (Previous) (List)

Checking off services that were already rendered on a PDA

Ward W1
Oustanding Medical Reports upon Discharge

Patient	Date-of-birth	Admission	Discharge
Carter, Marlene	9/12/1979	6/11/2009	7/9/2009
Harris, Barbara	9/15/1965	6/17/2009	7/15/2009
Morris, Tom	4/25/1950	6/19/2009	7/17/2009
Parker, Mary	8/23/1963	6/17/2009	7/15/2009
Rodriguez, Paula	9/12/1964	6/12/2009	7/10/2009
Sanders, Jack	12/14/1949	6/18/2009	7/16/2009

List of open tasks printed for clinical administration

Real-time support and maintenance

As resource management solutions are typically highly integrated mission-critical systems, TIKANIS provides dedicated support on hand to deal with problems should they occur. TIKANIS maintenance support provides access to the latest software updates, ensuring that you benefit from the advanced technology and applications.

Online demo videos

Please visit *www.tikanis.com* to learn more about TIKANIS and the Therapy Planner. Online demonstration videos are available on our website.

TIKANIS®
Therapy Planner

▶ **Video**

Additional Modules

Mobile Application Through PDA

The system comes with a module that extends to handheld computer devices. This module connects with the information in Therapy Planner to provide you with excellent mobility. The net result is a significant reduction in administrative effort. Each employee is able to check his or her schedule anywhere and at anytime. Any services that were performed can be documented with the PDA system. Data is automatically transferred to a central database.

Patient related administration tasks

You can set the application to automatically remind you of tasks involving patient care, clinical trial or even discharging a patient. This could include collection of patient documents and sending report so that the patient can be discharged from the hospital. The user can easily configure their tasks. The program will automatically print the list of urgent tasks so that you don't miss any critical patient activities.

Meticulous attention to details.
Innovative in Design.
Excellence in Service.

TIKANIS® is committed to bringing solutions that work for you.

From concept to the final product, we work with you to make your process as seamless and enjoyable as possible. Because we understand that the process of turning a vision into reality does not happen instantly. Whether it's interpreting what you have in mind, transforming your ideas into solutions or streamlining your processes, we take pride in exceeding your expectations.

Feel free to contact us for a demonstration at your facility!

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