

# **MediTutor Rehabilitation Software**

## **USER'S MANUAL**



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November, 2010

**Revision History**

<b>Author</b>	<b>Release No.</b>	<b>Date</b>	<b>Revision Description</b>
Eitan G	v.1	23/11/2010	User's Manual Template and Checklist
Eitan G	v.1.1	24.1.2011	Modify TOC
Eitan G	v.1.1	26.1.2011	Modify all subject content
			Add Troubleshooting section

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# USER'S MANUAL

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## GENERAL INFORMATION

### Introduction

The MediTutor™ is a novel system designed to evaluate and rehabilitate sensory, motor and cognitive hand impairments. The system is composed of an ergonomic patient worn glove and the MediTutor™ support software. The MediTutor™ is sophisticated rehabilitation software allowing for both patient hand function evaluation and treatment of patient hand impairments. The result of using the MediTutor™ system is an improvement in limb function.

Therapists including Occupational Therapists and Physical Therapists use the MediTutor™ system as a major tool in their rehabilitation program. The therapist can evaluate the following clinical hand features:

- Passive Range of Motion
- Active Range of Motion
- Velocity of finger movements
- Characterization of quality of the movement, such as tremor or smoothness
- Fine motor skills

The information gained in the evaluation stage can be used to quantify patient performance, determine therapy goals and monitor patient progress.

### Clinical Concept

*[TBD]*

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## Indications and Contraindications

The MediTutor™ system is used to evaluate and treat hand dysfunction that result from the causes listed below. The MediTutor™ system is safe and non-invasive.

### Indications

- 1- Neurological Conditions i.e. Stroke
- 2- Multiple Sclerosis (MS)
- 3- Traumatic Brain Injury (TBI)
- 4- Orthopedic injures i.e. Hand Fractures
- 5- Movement Disorders i.e. Parkinson's disease
- 6- Complex Regional Pain Syndrome (CRPS)
- 7- Hand Burns
- 8- Hand Operations i.e. Tendon Transfer Surgery
- 9- Children with Cerebral Palsy
- 10- Children with Developmental Coordination Disorders
- 11- Academic Rehabilitation Researches

### Contraindications

Do not use the MediTutor™ system without consultation with your doctor in the following cases:

- 1- Patient has an open wound
- 2- Patient has a skin infection
- 3- Patient has a skin disease on the treated hand
- 4- The patient should stop using the device if they show signs of scratching or bloom in the treated area. This occurrence is very rare.

### Side Effects

Use of the MediTutor™ system does not lead to any unwanted side effects.

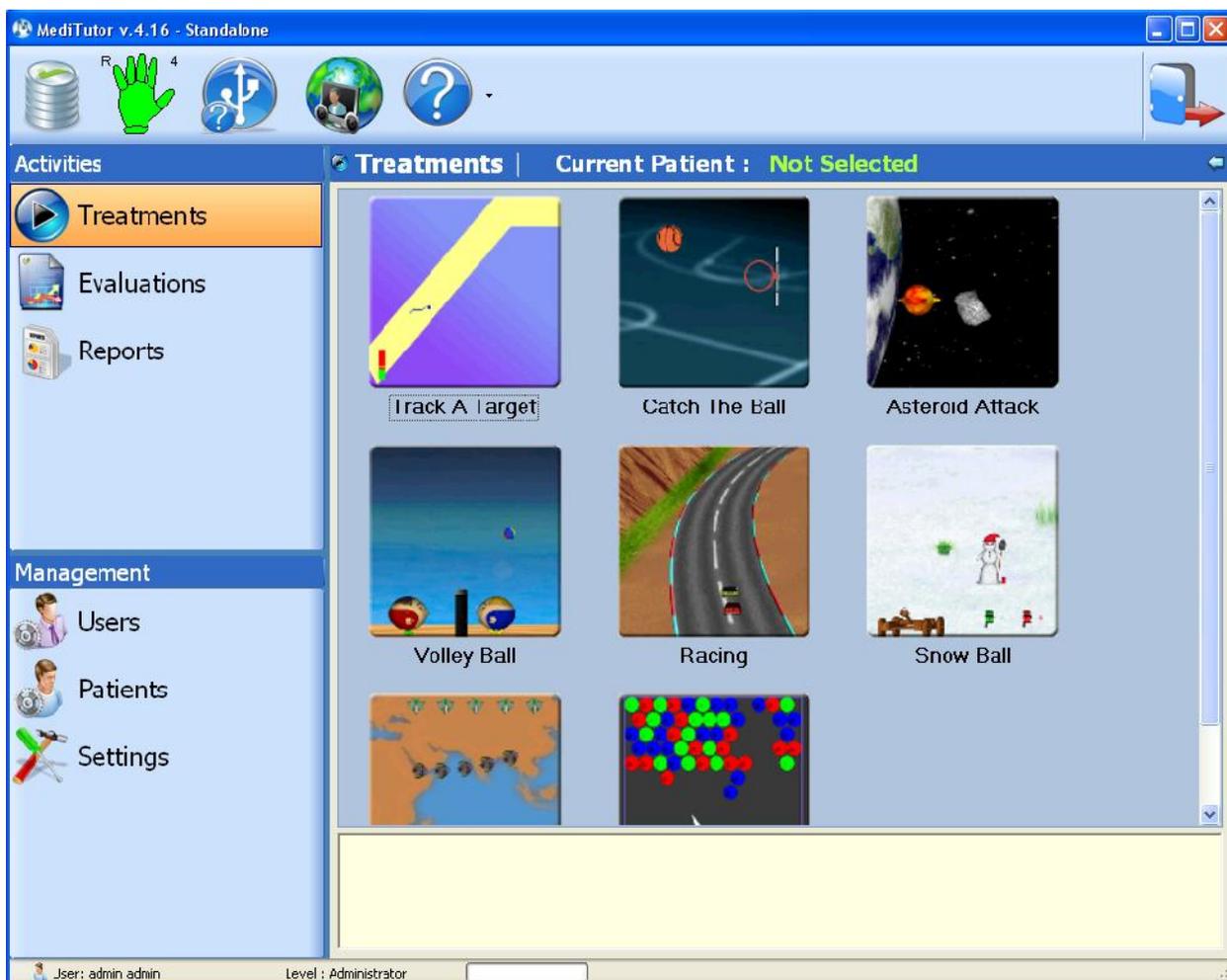
In the very unlikely event of skin irritations stop treatment and consult with your doctor.

## Warranty

1. The company is responsible for any manufacturing defect in the MediTutor™ or any damage to the device caused by improper packing and shipping.
2. Warranty extends to all device components and the MediTutor™ software.
3. Warranty period is valid for a period of one year following device delivery.

Make sure all of the following contents are included:

- An ergonomic patient worn device
- MediTutor™ software



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## Points of Contact

### Contact us

MEDITOUCH Ltd.

Tel: (972)-9-8637477

Hamelacha 45, Poleg Industrial Zone,

Fax: (972)-9-8852935

Netanya 42505, Israel

Our web site: [www.meditouch.co.il](http://www.meditouch.co.il)

PO Box. 8306

Information: [info@meditouch.co.il](mailto:info@meditouch.co.il)

### Coordination

For remote support the client need to download and install Team viewer and supply ID number and password.

### Help Desk

For Technical and clinical support, please call +972-9-8637477 or email your question.

to [info@meditouch.co.il](mailto:info@meditouch.co.il) .Our website is: [www.meditouch.co.il](http://www.meditouch.co.il)

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## MEDITUTOR SUMMERY

### System Configuration

MediTutor™ is network based software allowing the data base to be shared among many clients. This means that the MediTutor™ has both server software and client software packages. Once installed at the clinic the software is managed within the organization and not monitored from outside the organization. The organization should nominate a system administrator to undertake software maintenance and support. Note, the organization should define a Database back up procedure for all server data.

### MediTutor Home configuration

#### *Description*

MediTutor™ home edition operates on a single workstation or a laptop with no use of network resources.

#### *Target customer(s)*

Clinician workstation, Marketing presentations and Single user

#### *Configuration*

Clients with no Database access, treatments only.



#### *Computer requirements*

**OS** – Windows XP-SP2 32bit or Windows 7 32bit

**CPU** – Intel Pentium 4, AMD, 1.7 GHz or above

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**Video card** – OpenGL 2.1, 128Mb of RAM, resolution 600x800

**USB** – Two available USB channels

## **MediTutor Standalone configuration**

### *Description*

MediTutor™ standalone edition operates on a single workstation or a laptop with no use of network resources.

### *Target customer(s)*

A user that performs an evaluation and treatment sessions on a desktop\laptop

### *Configuration*

Clients with Database access, evaluations, reports and treatments.



### *Computer requirements*

**OS** – Windows XP-SP2 32bit or Windows 7 32bit

**CPU** – Intel Pentium 4, AMD, 1.7 GHz or above

**Video card** – OpenGL 2.1, 128Mb of RAM, resolution 600x800

**USB** – Two available USB channels

## **MediTutor Professional configuration**

### *Description*

MediTutor™ is network based software where one database shared among many workstations.

MediTutor™ supports the operation of clinician workstation, user management, database and license

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service on separate machines.

**Target customer(s)**

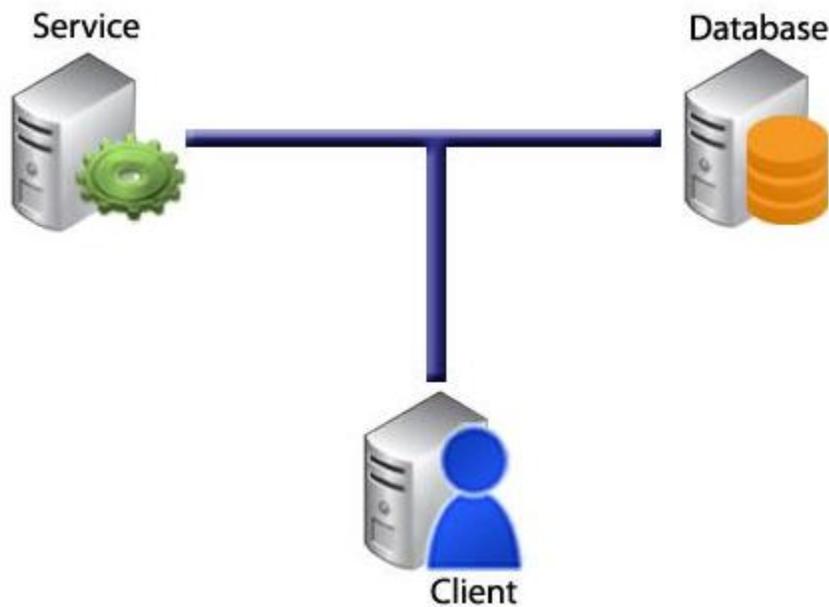
Small scale clinics which intends to share MediTutor database in network.

**Configurations**

**1. Network Configuration 1**



**2. Network Configuration 2**

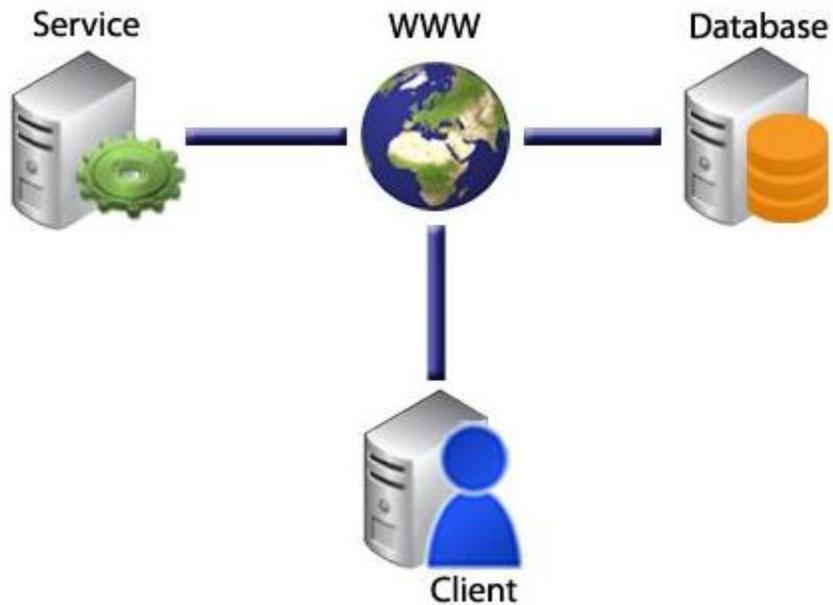


**3. Network Configuration 3**



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#### 4. Network Configuration 4



#### *Computer requirements*

##### **Client Terminal**

- OS – Windows XP-SP2
- CPU – Intel Pentium 4, AMD, 1.7 GHz or above
- Video card – Chipset INTEL, OpenGL support, minimum of 128Mb of RAM
- USB port – Two USB channels
- Network card – 10/100

##### **Database Server**

- OS – Windows XP-SP2 / Windows Server 2003-8
- DB – MS-SQL Server
- Network card – 10/100

#### **MediTutor Enterprise configuration**

#### *Description*

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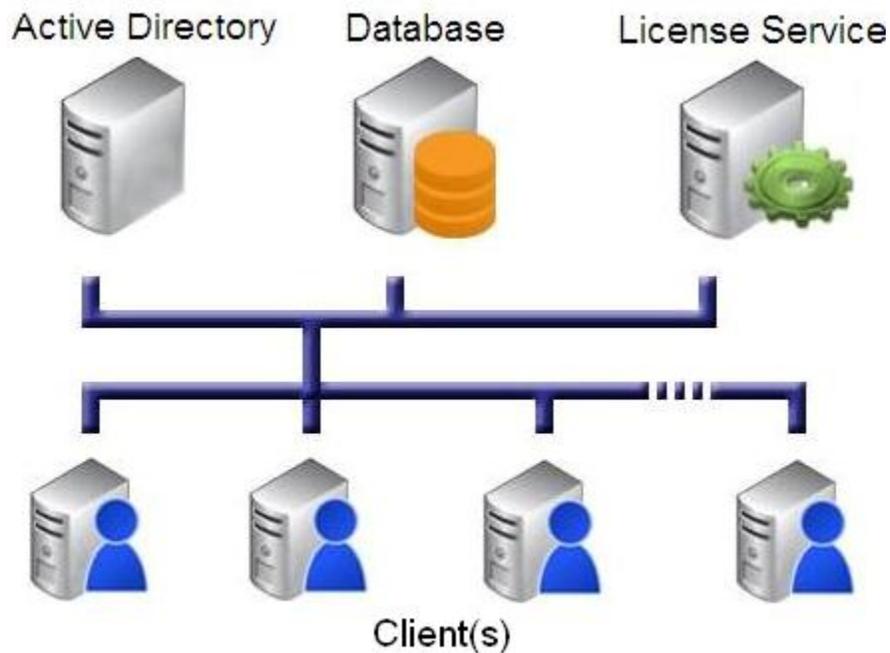
MediTutor™ is network based software where one database shared among many workstations.

MediTutor™ supports the operation of clinician workstation, user management using active directory, database and license service on separate machines.

### **Target customer(s)**

Clinician workstation

### **Configuration**



### **Computer requirements**

#### **Client Terminal**

- OS – Windows XP-SP2
- CPU – Intel Pentium 4, AMD, 1.7 GHz or above
- Video card – Chipset INTEL, OpenGL support, minimum of 128Mb of RAM
- USB port – Two USB channels
- Network card – 10/100

#### **Database Server**

- OS – Windows XP-SP2 / Windows Server 2003-8

- 
- DB – MS-SQL Server
  - Network card – 10/100

### Application Server (optional)

- OS – Windows XP-SP2 / Server 2003-8
- USB port – One USB channel for plug in a Security Key
- Network card – 10/100

## Data Flows

### Activities

#### Treatments

The MediTutor™ system is designed to allow the patient to undertake a wide variety of clinically developed task based exercises. The program to patient interface has been designed to keep the patient motivated during the exercise program. During and after the exercise the patient receives information on his training performance. This information is known as acknowledgement of performance and acknowledgement of results. The exercise tasks are professionally designed to keep the patient motivated during their rehabilitation program. In this section you can choose any treatment as appear in list. The treatments types are listed in **Using The System** section.

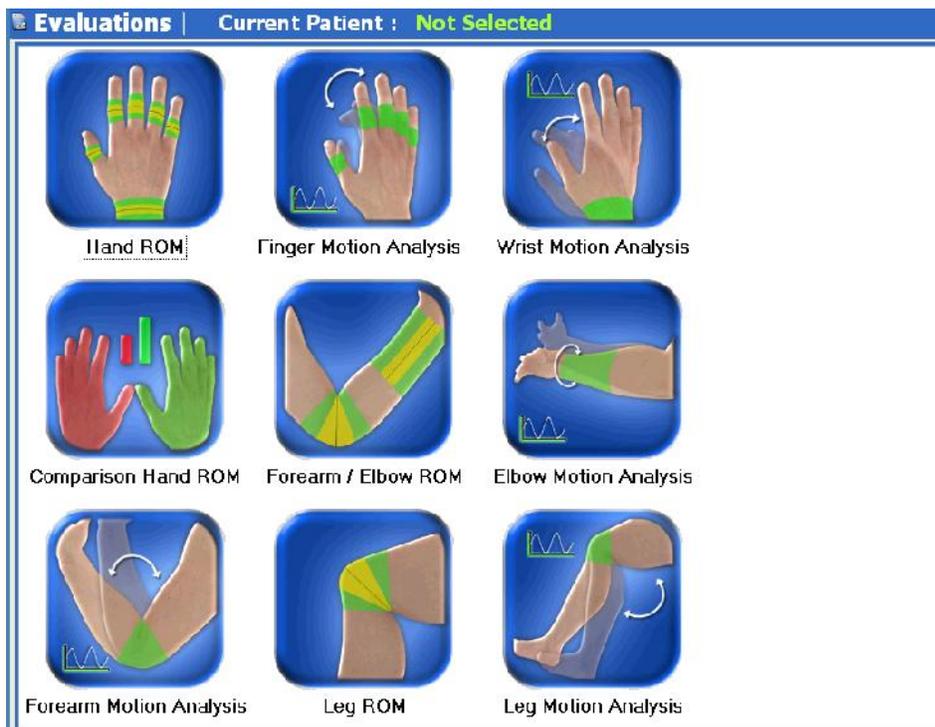


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## Evaluations

This section allows the evaluation of the patients biomechanical and kinematics' hand performance. Proper evaluation of these parameters allows the therapist to better understand the patient's hand impairment and customize a rehabilitation program that will lead to improvement in hand function.

In this section you can choose an evaluation as appear in list. The evaluations types are listed in **Using The System** section.



## Reports

This section allows seeing list of evaluations reports per selected patient.

At the upper left side of the form you can filter evaluations reports by choosing evaluation type and side and then press on **Accumulated Report** button. In addition, you can delete specific report.

Reports   Current Patient : <b>GI Eitan</b>			
Type	ALL Evaluations	Side	Both Sides
		Accumulated Report	Search Patient
Evaluations List			Delete Evaluation
Date	Side	Type	User
2011/05/03 11:56	Left	Range of Motion	admin
2011/05/03 11:57	Left	Range of Motion	admin
2011/05/03 11:58	Left	Finger Motion Analysis	admin
2011/05/03 11:59	Left	Finger Motion Analysis	admin
2011/05/03 12:00	Left	Wrist Motion Analysis	admin
2011/05/03 12:01	Left	Wrist Motion Analysis	admin

## Management

### Users

This section details MediTutor™ functionality in terms of managing the users within the clinic. There are four users roles designed to allow therapists different clinic and patient management rights. In this section you can add new user, edit existing user and deactivate specific user. The user's roles and rights are listed in **Using The System** section.

Users   Current Patient : <b>Not Selected</b>			
Add Edit		Related Patient	
Users Roles		ID No.	First Name
<ul style="list-style-type: none"> <li>Users Roles               <ul style="list-style-type: none"> <li>Administrators                   <ul style="list-style-type: none"> <li>admin admin</li> </ul> </li> <li>Supervisors                   <ul style="list-style-type: none"> <li>Smith Jon</li> </ul> </li> <li>Therapists                   <ul style="list-style-type: none"> <li>GI Eitan</li> </ul> </li> </ul> </li> </ul>			
			Last Name
		223344556	Eitan GI
		strator	

## Patients

This section allows set up and storage of all patient details and allows the qualification of which therapist can evaluate and treat which patient within the clinic. In this section you can add, edit, delete or search a patient and assign therapist to him.

ID No.	First Name	Last Name	Address
223344556	Ciran	GI	45 Hamelaha
223456732	Wli	Smith	12 Sokolov
332156483	Shila	Margalit	1 Ayarkon
258963141	Dalit	Born	22 Wizmar

## Settings

This section allows setting organization details, deleting clients, requesting and importing license and changing language appearance application. In this section only administrator has rights to all tabs.

Clinic Details	
Name	PC1
Address	Hamelach 45, Netanya, Israel
Fax	972-5-0637477
E-Mail	info@meditouch.co.il
Phone No.	972-5-8637477
Web	www.meditouch.co.il

Distributor Details	
Name	Meditouch Ltd.
Address	Hamelacha 45, Netanya, Israel
Fax	972-9-98852935
E-Mail	info@meditouch.co.il
Phone	972-9-8637477
Web	www.meditouch.co.il

Provider Details	
Name	Meditouch Ltd.
Address	Hamelach 45 - Foleq Ind. - Netanya
Fax	972-5-8637477
E-Mail	info@meditouch.com
Phone	972 5 8852935
Web	www.meditouch.co.il

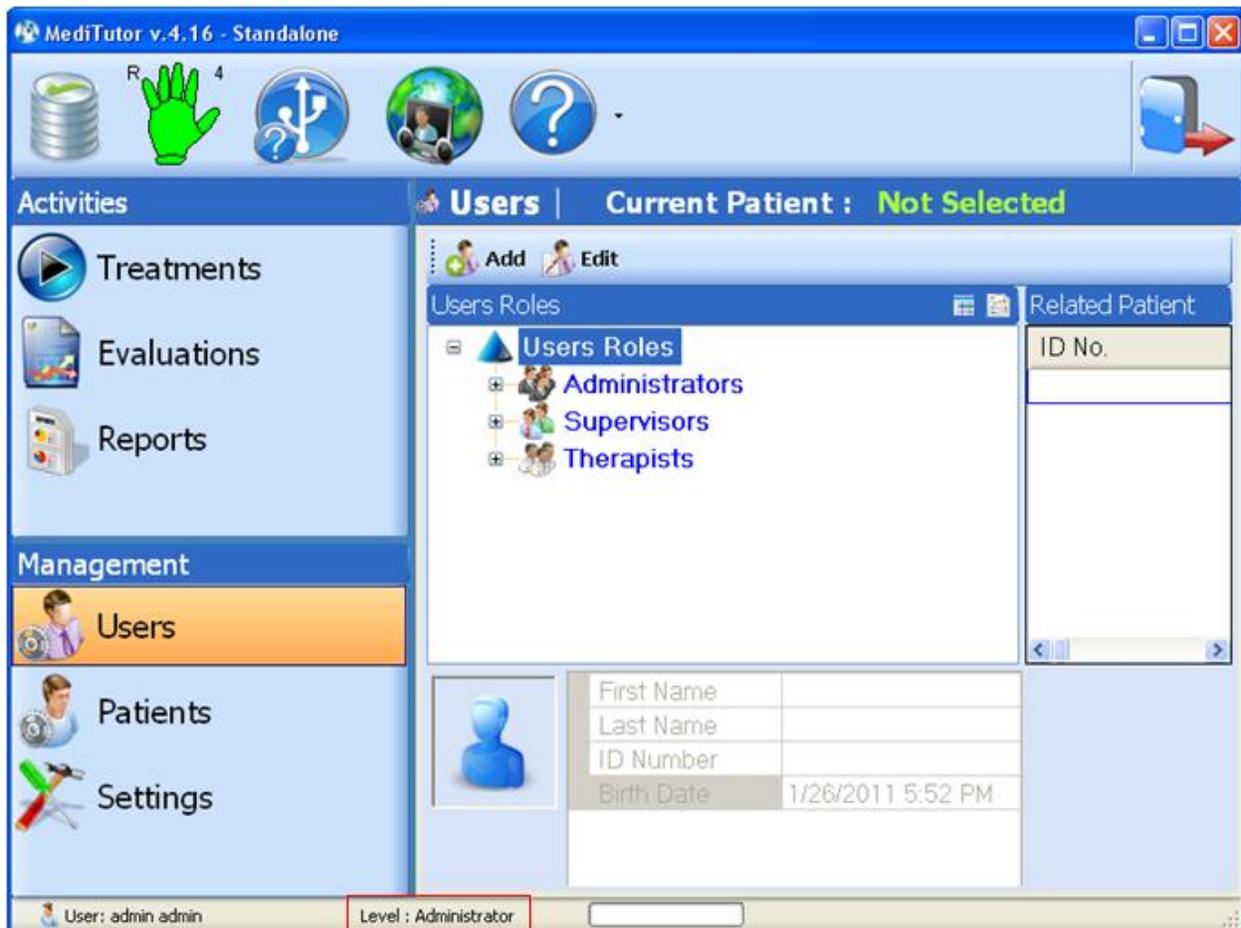
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## User Access Levels

There are four users roles designed to allow therapists different clinic and patient management rights. The user role and rights are listed below:

### Administrator

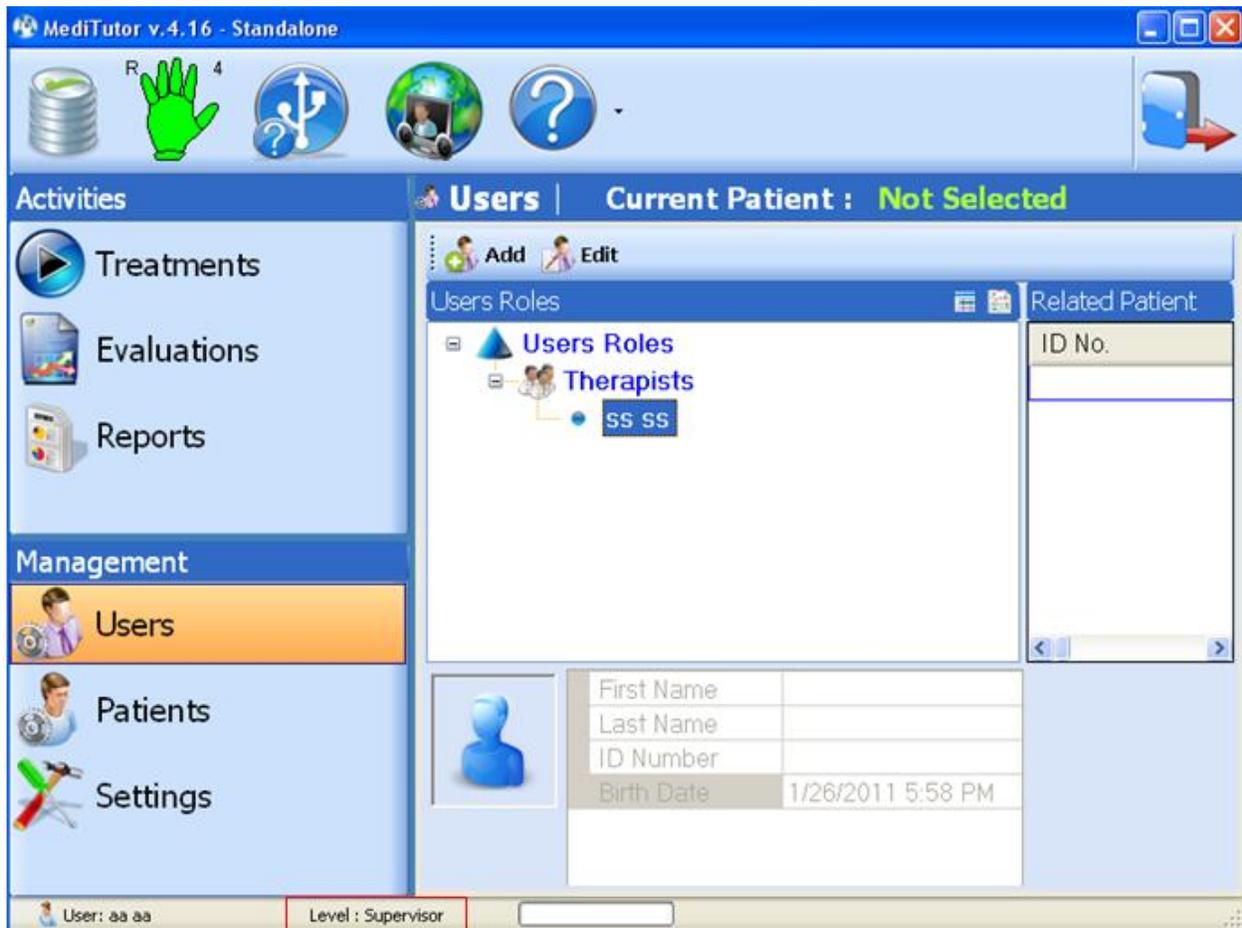
This role for the use of organization's system administrator only: it has all administrative rights including; license management and Supervisor management



### Supervisor

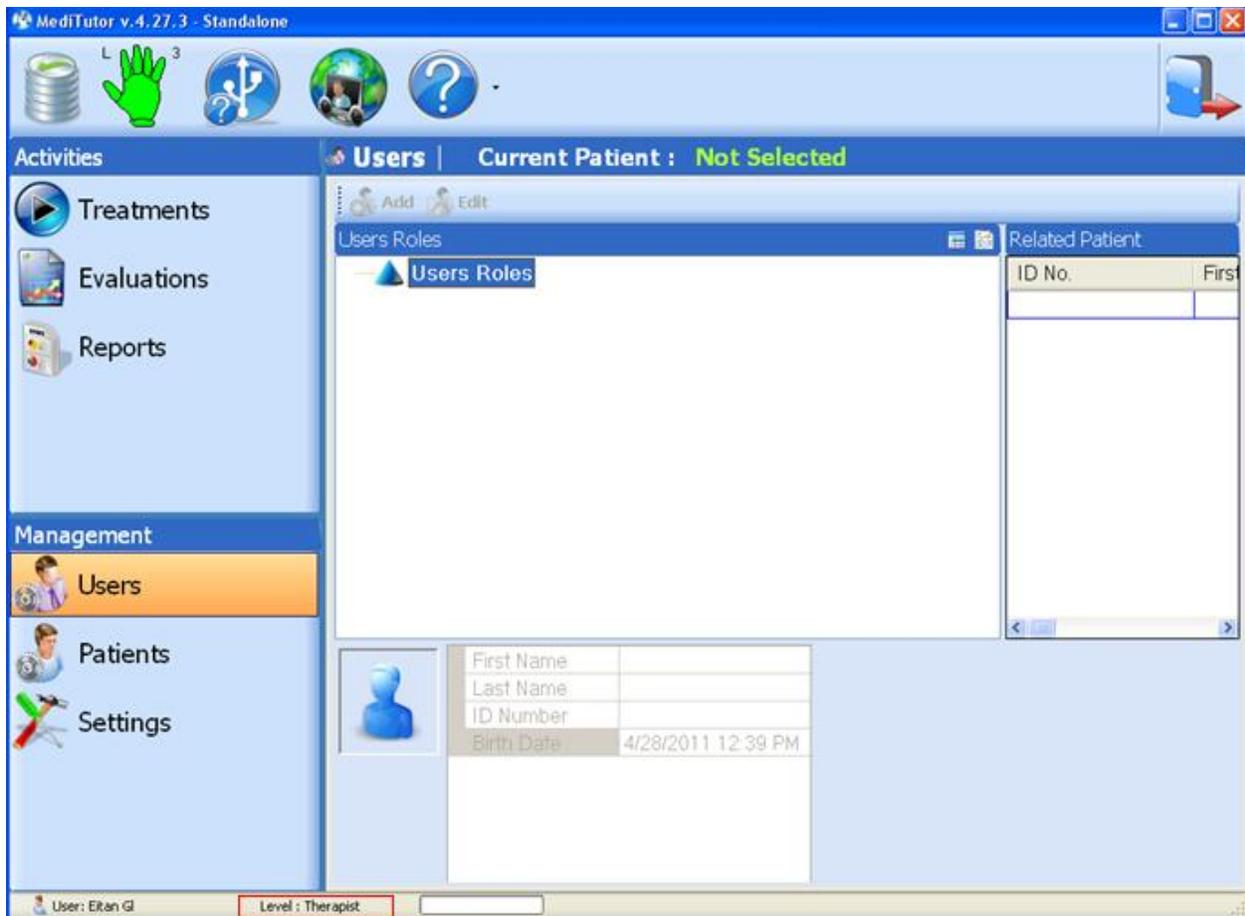
This role allows the following rights: Add new patient into data base. Decide which patient is treated by which therapist within the data base. Access evaluation data on

from all therapists. Treat patients and record their evaluation data.



## Therapist

This role allows the following rights: Add new patient into data base. Treat all therapists' patients and record evaluation data for their own patients.



## Free Access

Allow self-treatment only.



## SUPPORTED DEVICES

### HandTutor Specifications

#### Product Labels

- Product name: HandTutor
- Model: HT100

#### Dimensions

- Size (length/width/height): 350[mm] x 120[mm] x 70[mm]
- Weight: 350[gr]

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## Sensor

- Technology: Ergonomic glove with sensitive electro optical position, speed wrist and finger movement sensors.
- Sensitivity: 0.05[mm] of wrist and fingers Ext./Flex
- Motion capture speed: up to 1[m/sec]

## Functionality

- Size: 5 sizes 98% coverage of population
- Side: Left and Right
- Materials: Glove made from Neoprene and Spandex fabric on dorsal side of glove. Palm side of glove is not covered.
- Attachments: Velcro straps
- Infection control: Disposable liner

## Communication

- Communication: USB1.1 cable
- Driver: Windows embedded HID driver

## Power Supply

- Voltage:  $\pm 5$ [V]
- Current supply: 250[mA]

## Registration

- Medical device according directive 93/42/EEC European Union
- CE and USA FDA Registration
- Comply with IEC60601

## Illustration Image

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Upper view



Side view



## ArmTutor Specifications

### Product Labels

- Product name: ArmTutor
- Model: AT100

---

## Dimensions

- Size (length/width/height): 350[mm] x 140[mm] x 60[mm]
- Weight: 400[gr]

## Sensor

- Shoulder measurements: Abd/Add, Ext/Flex, Int/Ext rotation - Full range [degree]
- Elbow measurement: Ext/Flex – 0-120[degree]

## Functionality

- Size: All sizes adjusted by two telescopes
- Side: Left and Right
- Dynamic range limiter: Ext and/or Flex of elbow
- Body attachment method: Velcro strips
- Infection control: Disposable sponge pads

## Communication

- Communication: USB1.1 cable
- Driver: Windows embedded HID driver

## Power Supply

- Power consumption: 70[mA]
- Firmware updates method: Connecting the module to the PC using supplied USB cable.

## Regulation

- Comply with IEC60601
- CE and FDA approved

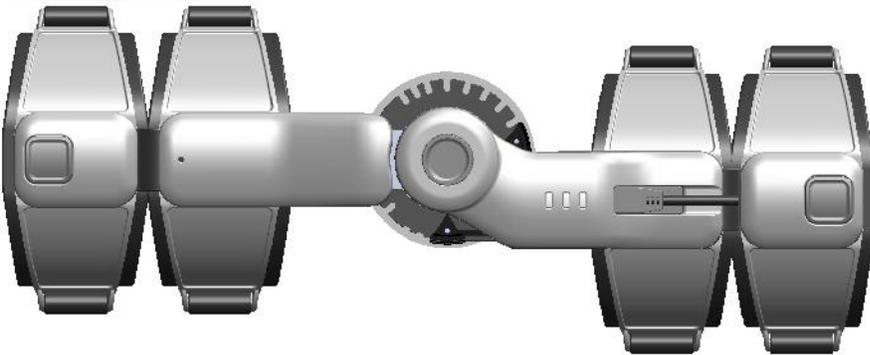
## Illustration Image

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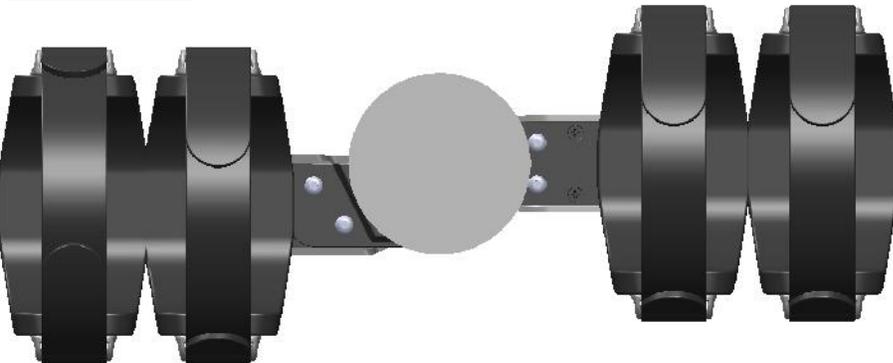
Isometric view



Outer Side view



Inner Side view



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# LegTutor Specifications

## Product Labels

- Product name: LegTutor
- Model: LT100

## Dimensions

- Size (length/width/height): 350[mm] x 140[mm] x 60[mm]
- Weight: 410[gr]

## Sensor

- Hip measurements: Abd/Add, Ext/Flex, Int/Ext rotation - Full range [degree]
- Knee measurement: Ext/Flex – 0-120[degree]

## Functionality

- Size: All sizes adjusted by two telescopes
- Side: Left and Right
- Dynamic range limiter: Ext and/or Flex of knee
- Body attachment method: Velcro strips
- Infection control: Disposable sponge pads

## Communication

- Communication: USB1.1 cable
- Driver: Windows embedded HID driver

## Power Supply

- Power consumption: 70[mA]
- Firmware updates method: Connecting the module to the PC using supplied USB cable.

## Regulation

- Comply with IEC60601
- CE and FDA approved

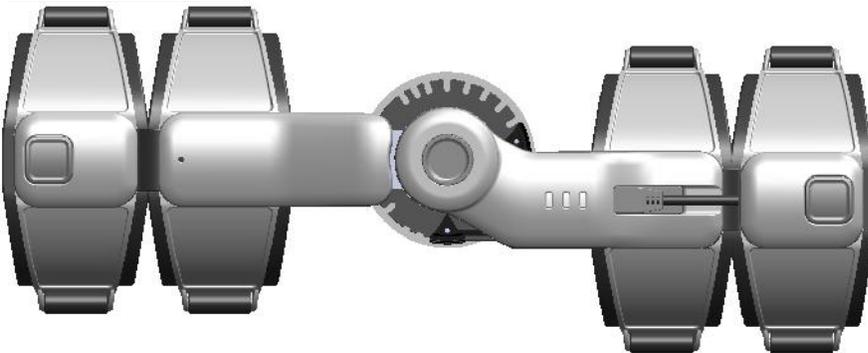
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## Illustration Image

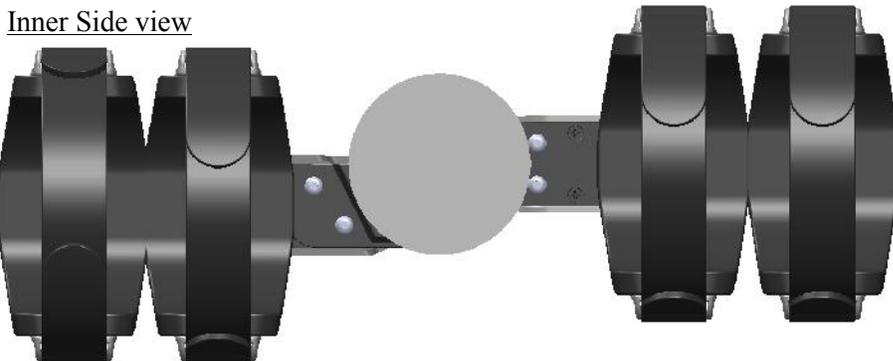
Isometric view



Outer Side view



Inner Side view



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## 3DTutor Specifications

### Product Labels

- Product name: 3DTutor
- Model: 3DT100

### Dimensions

- Size (length/width/height): 54[mm] x42[mm] x16[mm]
- Weight: 30[gr]

### Sensor

- Measurements: Pitch, Roll, Yaw [degrees]

### Attachment Method

- Body attachment method: Velcro strips

### Communication

- Communication: Bluetooth radio (Class 1)

### Power Supply

- Autonomy of battery: up to 6[hours]
- Recharge time: up to 75[min]
- Recharge method: Connecting the module to the PC using supplied USB cable.
- Firmware updates method: Connecting the module to the PC using supplied USB cable.
- Battery type: 650mAh LiPo

### Functionality

- Size: All sizes
- Side: Left and Right
- Body attachment method: Velcro strips

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## Features

- On/Off power switch button
- 3D preset button
- Bluetooth sleep mode
- 2 colors led indicators;

Mode	Green Led	Red Led
Link	On	Off
No Link	Blink 0.3Hz	Off
Sleep	Blink 1Hz	Off
FW Update	Blink 3Hz	Off
Charging	Off	On

## Regulation

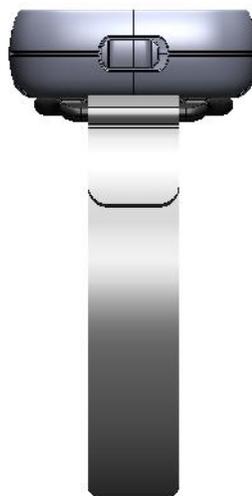
- Comply with IEC60601
- CE and FDA approved
- FCC

## Illustration Image

Side view



Side view



Isometric view



---

## GETTING STARTED

### How to Log In to MediTutor?

#### Login without Username and Password:

You can log into MediTutor™ without filling in a user name and password by simply pressing the **Enter** button. This mode of access allows the user to undertake treatment sessions only. No database exists.



#### Login with Username and Password:

For first time log in, enter User name: **admin** and Password: **admin**.

A user name and password have to be assigned to the user by the system administrator. This access right allows the user to undertake and store patient quantitative finger and wrist range of motion and movement analysis.



## How to check device operation?

The glove is calibrated to MediTutor™ software by means of passive or active flexion and extension of all the fingers and the wrist joint. **Do the following:**

1. Connect the USB cable from the device to the computer USB port

2. Click on  and log into MediTutor™ software.

3. Calibrate the device.

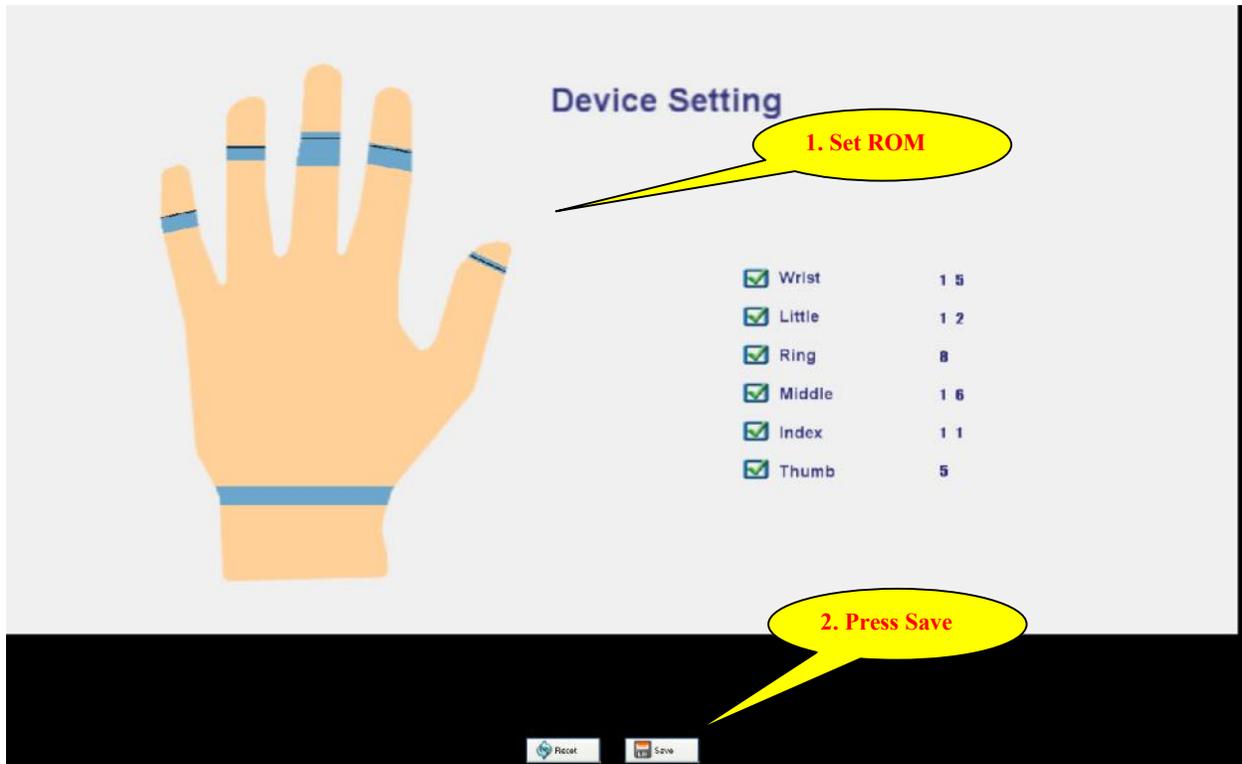


4. Verify device get full green color.



5. Start any treatment

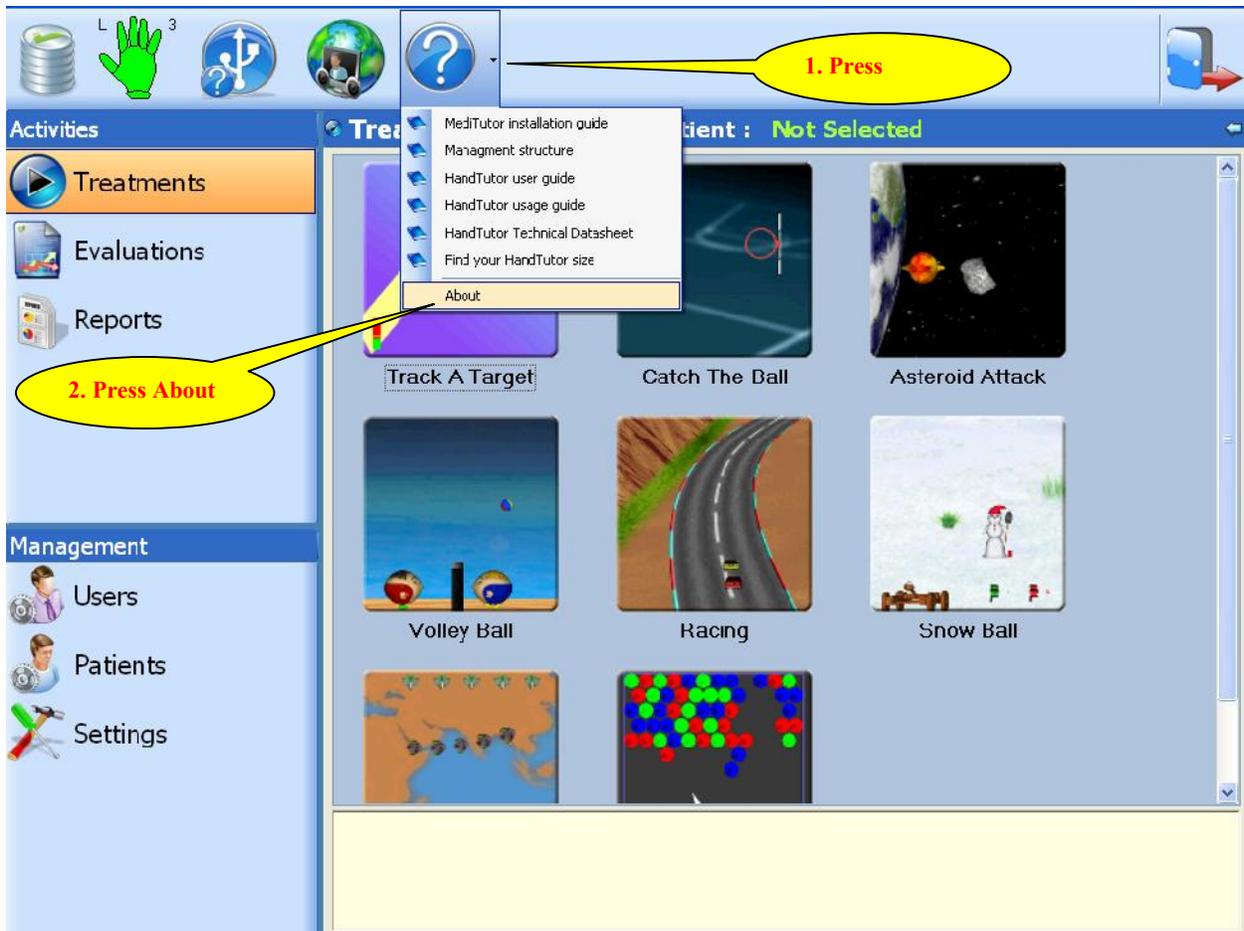
6. Verify Device Setting window appear

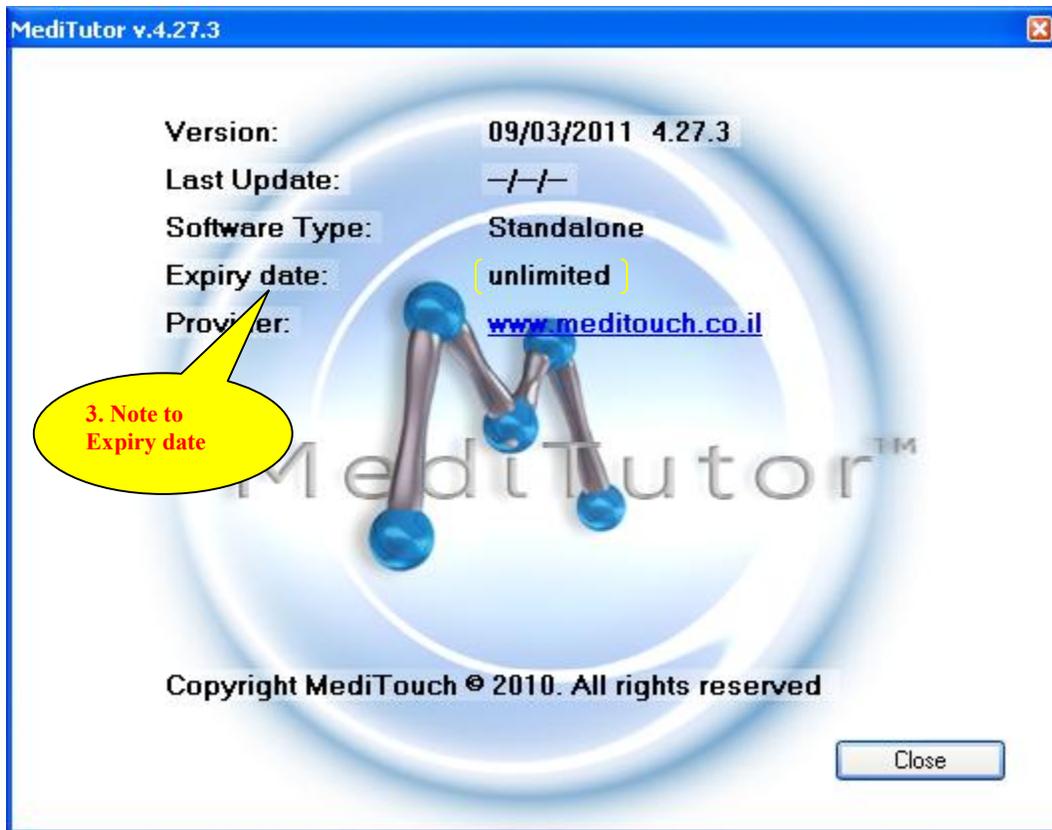


7. Press **Play**

## Verify software licensing

To verify your license do the following:





## Database management

All patient demographic and evaluation details are stored on a database server. Access rights to this data depend on the user's role (defined in the MediTutor™ software) within the clinic. This data can be accessed according to the user roles in the Management settings of the MediTutor™ software.

See **User Access Levels** section

## USING THE SYSTEM

### Management - Users

This section details the management rights of the therapists within the clinic and describes how to add new user, edit existing user and deactivate specific user.

## Add user account

To add new user:

**1. Press Users**

**2. Press on Add**

**3. Fill all User Details**

**4. Press OK**

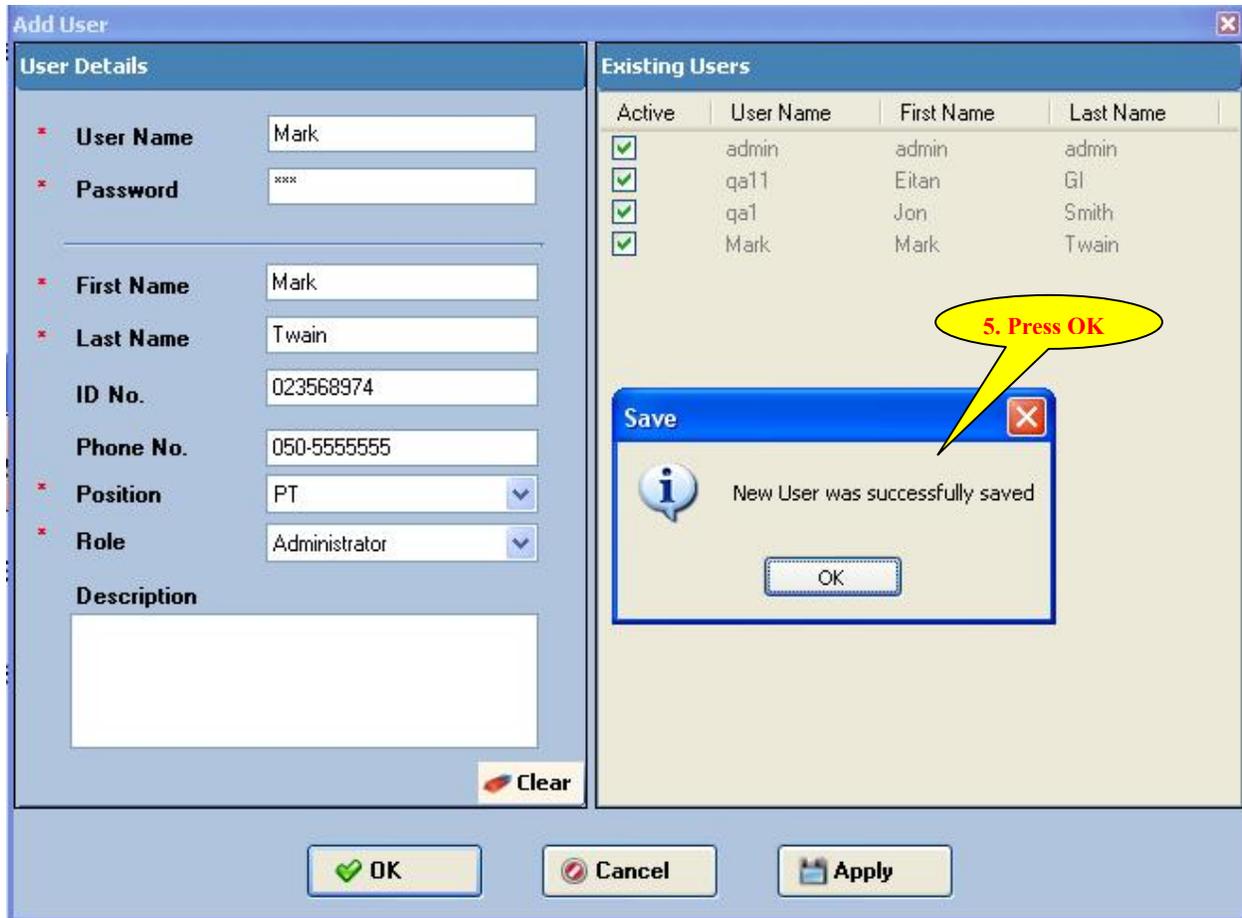
**User Details**

- User Name: Mark
- Password: xxx
- First Name: Mark
- Last Name: Twain
- Phone No.: 023568974
- Position: P1
- Role: Administrator
- Description: [Empty]

**Existing Users**

Active	User Name	First Name	Last Name
<input checked="" type="checkbox"/>	admin	admin	admin
<input checked="" type="checkbox"/>	ca11	Eitan	GI
<input checked="" type="checkbox"/>	ca1	Jon	Smith

OK Cancel Apply



## Edit user account

To edit user:

Activities **Users** | Current Patient : Not Selected

1. Press on Edit

2. Choose a user

3. Change your required details

4. Press OK

Management

- Users
- Patients
- Settings

User Details

\* User Name: Mark

\* Password: xxxx

\* First Name: Mark

\* Last Name: Twain

ID No.: 023568974

Phone No.: 050-5555555

\* Position: PT

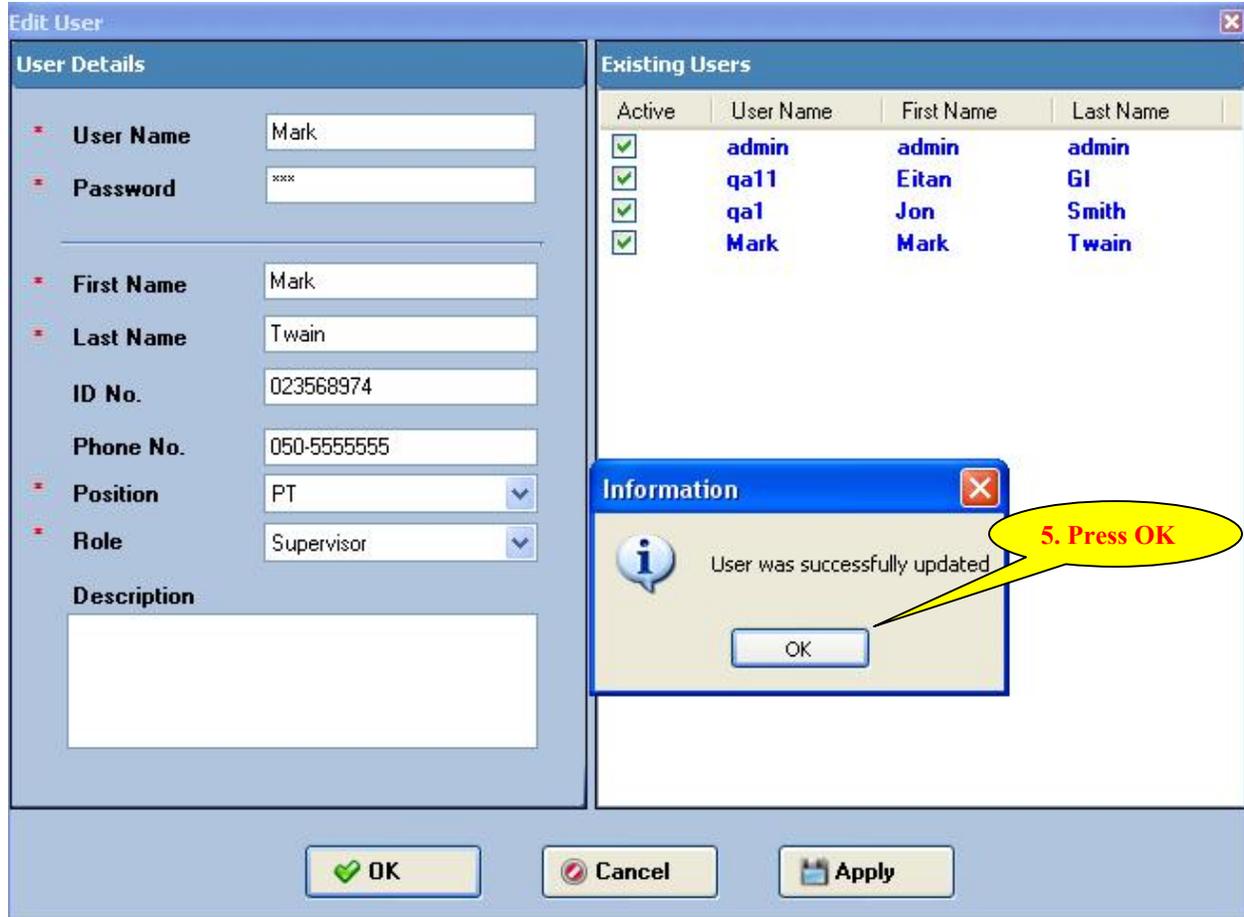
\* Role: Supervisor

Description:

Existing Users

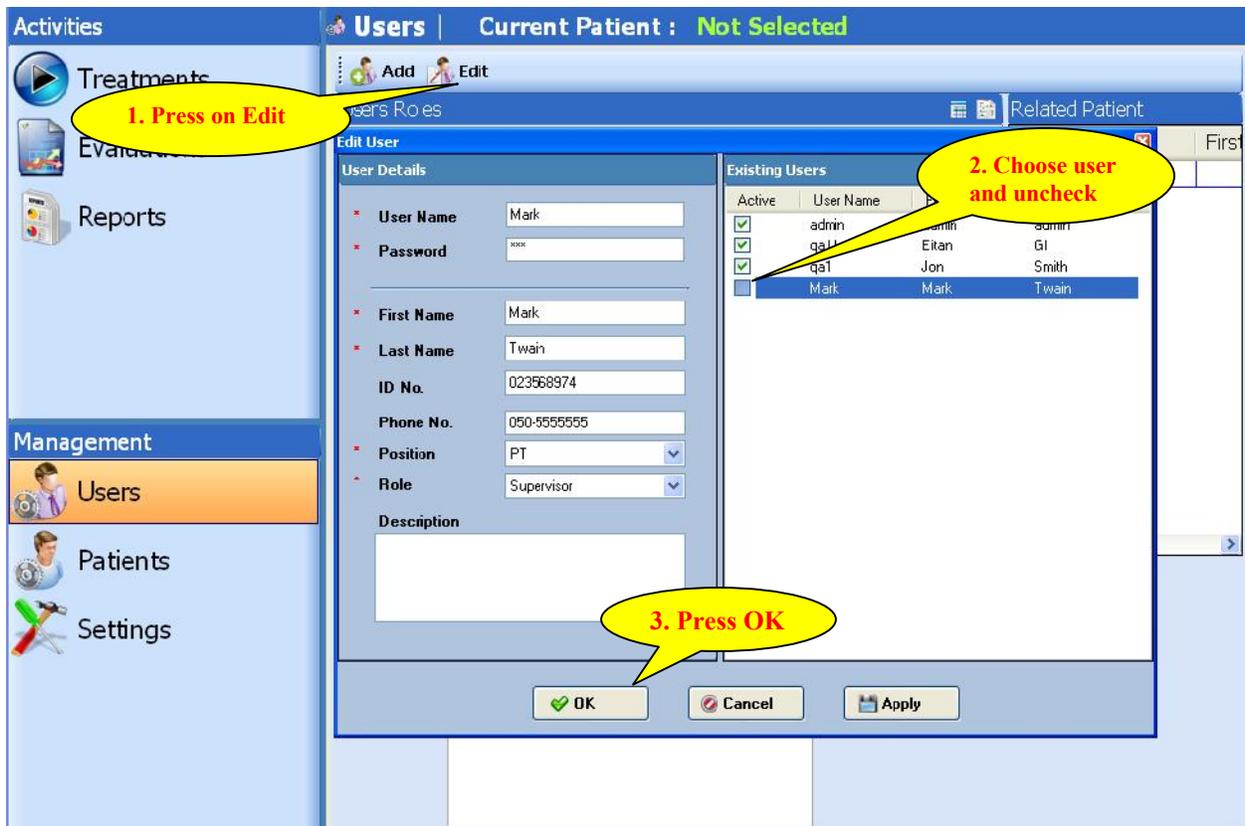
Active	User Name	First Name	Last Name
<input checked="" type="checkbox"/>	admin	admin	admin
<input checked="" type="checkbox"/>	qa11	Eitan	GI
<input checked="" type="checkbox"/>	qa1	Jon	Smith
<input checked="" type="checkbox"/>	Mark	Mark	Twain

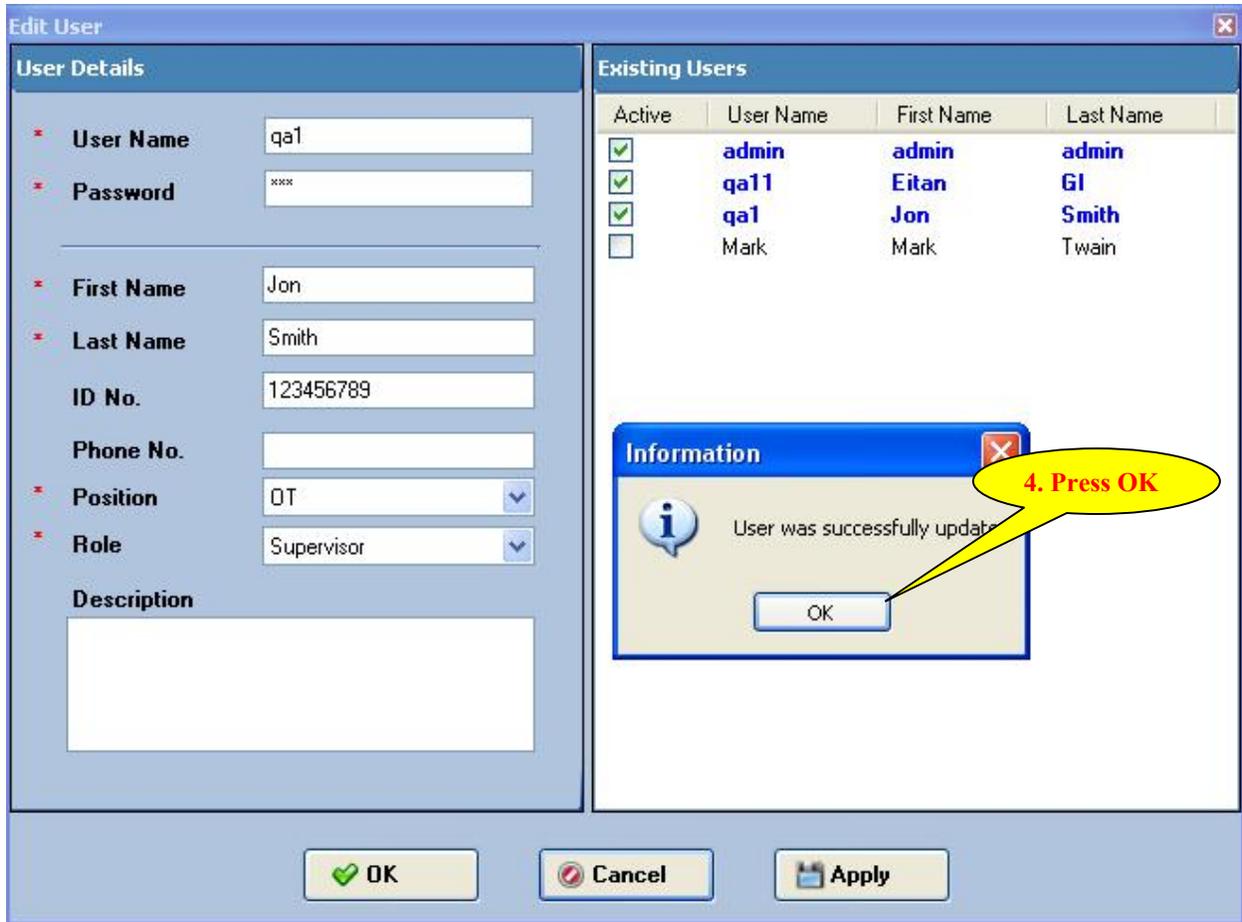
OK Cancel Apply



## Active / Inactive user account

To active / in active user:





Show records in Grid or Tree mode

To switch between [show Tree](#) and [show Grid](#)

**Users** | Current Patient : **Not Selected**

Add Edit

Users Roles

Users Roles

- Administrators
- Supervisors
- Therapists

Related Patient

ID No. | First Name

Show Tree

**Users** | Current Patient : **Not Selected**

Add Edit

Users Roles

Related Patient

ID No.	First Name	Last Name	Role	ID No.	First Name
N/A	Eitan	GI	PT		
023568974	Mark	Twain	PT		
123456789	Jon	Smith	OT		
N/A	admin	admin	Ac		

Show Grid

## Management – Patients

This section allows setting up and storage of all patients details and allows the qualification of which therapist can evaluate and treat which patient within the clinic.

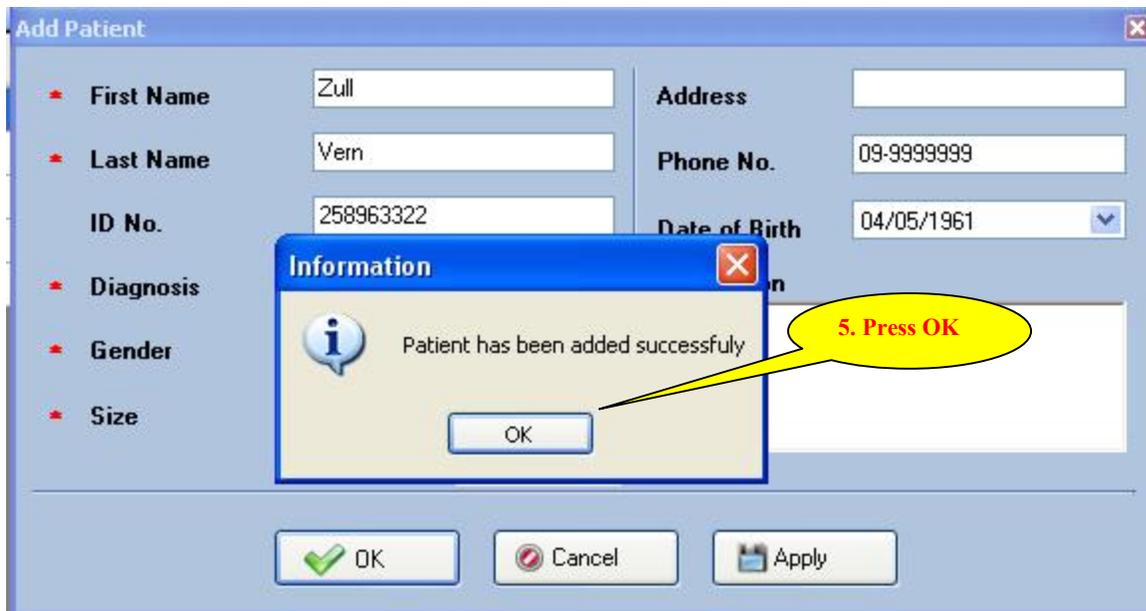
### Add patient

To add new patient:

The screenshot displays the 'Patients' management interface. The left sidebar shows 'Management' options: Users, Patients (highlighted), and Settings. The main area shows 'Current Patient : Not Selected' and a toolbar with 'Add', 'Edit', 'Delete', 'Refresh', 'Assign Therapist', and 'Start Activity'. A search bar is present. Below the search bar is a table of search results with columns 'ID No.' and 'Name'. The 'Add Patient' dialog box is open, showing fields for First Name (Zull), Last Name (Vern), ID No. (258963322), Address, Phone No. (09-9999999), Date of Birth (04/05/1961), Diagnosis (Right Hemiparesis), Gender (Male), and Size (4). The dialog box has 'OK', 'Cancel', and 'Apply' buttons. Four yellow callouts with red text provide instructions: '1. Press Patients' points to the Patients menu item; '2. Press on Add' points to the Add button; '3. Fill all Patient Details' points to the form fields; and '4. Press OK' points to the OK button.

ID No.	Name
223344556	
223456732	
332156483	
258963141	

First Name	Zull	Address	
Last Name	Vern	Phone No.	09-9999999
ID No.	258963322	Date of Birth	04/05/1961
Diagnosis	Right Hemiparesis	Description	
Gender	Male		
Size	4		



## Edit patient

To edit patient:

Activities | Patients | Current Patient : **GI Eitan**

Search Results  Find My Patients

ID No.	First Name	Last Name	Address
223344556	GI	Smith	45 Hame aha
223456732		Margalit	12 Sokolov
332156483		Bern	1 Ayarkon
258963141	Dalit		22 Wizman
258963322	Zull	Vern	

**2. Press on Edit**

**1. Choose Patient**

**3. Change the required details**

**4. Press OK**

**Edit Patient**

\* First Name: 
 Address:

\* Last Name: 
 Phone No.:

ID No.: 
 Date of Birth:

\* Diagnosis: 
 Description:

\* Gender:

Your Patient

**Edit Patient**

\* First Name: 
 Address:

\* Last Name: 
 Phone No.:

ID No.: 
 Date of Birth:

\* Diagnosis: 
 Description:

\* Gender:

Your Patient

**Information**

**5. Press OK**

## Delete patient

To delete patient:

The screenshot shows a software interface for patient management. On the left, there is a navigation menu with sections 'Activities' and 'Management'. Under 'Activities', there are 'Treatments' and 'Reports'. Under 'Management', there are 'Users', 'Patients', and 'Settings'. The 'Patients' section is highlighted. The main area shows a 'Patients' header with 'Current Patient : Vern Zull'. Below this is a toolbar with buttons for '+ Add', 'Edit', 'Delete', 'Refresh', 'Assign Therapist', and 'Start Activity'. A search bar is also present. Below the search bar is a table of search results. The table has columns for ID No., First Name, Last Name, and Address. The last row is highlighted in blue, indicating it is selected. A yellow callout bubble points to this row with the text '1. Choose Patient'. Below the table is a 'Delete Patient' dialog box. The dialog box contains fields for First Name (Zull), Last Name (Vern), ID No. (258963322), Address, Phone No. (09-9999999), Date of Birth (04/05/1961), Diagnosis (Right Hemiparesis), Gender (Male), Size (3), and Description. At the bottom of the dialog box, there are three buttons: 'OK', 'Cancel', and 'Delete'. A yellow callout bubble points to the 'Delete' button with the text '3. Press Delete'. Another yellow callout bubble points to the 'Delete' button in the main toolbar with the text '2. Press on Delete'.

**2. Press on Delete**

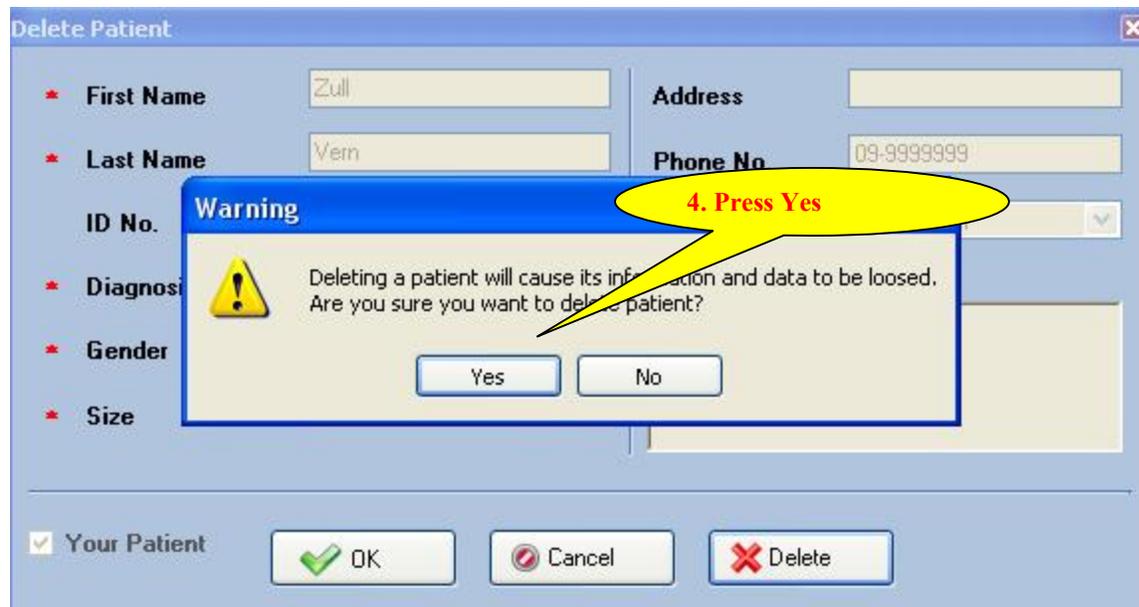
**1. Choose Patient**

**3. Press Delete**

ID No.	First Name	Last Name	Address
223344556	Eitan		45 Hamelaha
223456732	Wili		12 Sokolov
332156483	Shila	Margalit	1 Ayarkon
258963141	Dalit	Bern	22 Wizman
258963322	Zull	Vern	

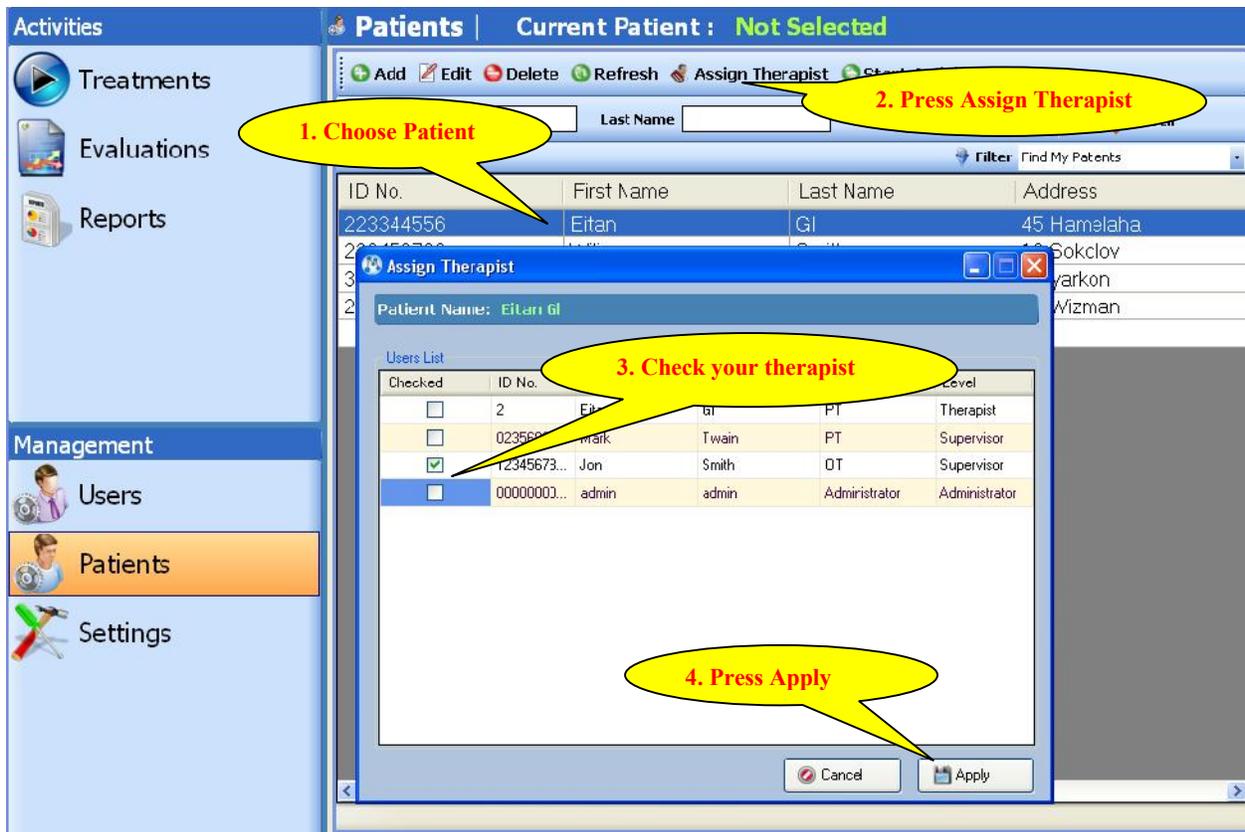
**Delete Patient**

\* First Name: Zull  
\* Last Name: Vern  
ID No.: 258963322  
\* Diagnosis: Right Hemiparesis  
\* Gender: Male  
\* Size: 3  
Address:   
Phone No.: 09-9999999  
Date of Birth: 04/05/1961  
Description:   
 Your Patient  
OK Cancel Delete



## Assign Therapist

To assign therapist:



## Select Patient and Start Activity

To select patient and start activity:

**Activities**

- Treatments
- Evaluations
- Reports

**Management**

- Users
- Patients**
- Settings

**Patients** | Current Patient : **Not Selected**

+ Add Edit Delete Refresh Assign Therapist Start Activity

First Name Last Name ID No. Search

Search Results Filter Find My Patients

ID No.	First Name	Last Name	Address
223344556	Eitan	GI	45 Hamelaha
223456732	Wili	Smith	12 Sokolov
332156483	Shila	Margalit	1 Ayarkon
258963141	Dalit	Bern	22 Wizman

**1. Choose Patient and press Enter**

**2. Press Yes**

**Warning**

New Patient has been selected.  
Do you want to set: Bern Dalit as the active patient?

Yes No Cancel

**Patients** | Current Patient : **Bern Dalit**

+ Add Edit Delete Refresh Assign Therapist Start Activity

First Name Last Name ID No. Search

Search Results Filter Find My Patients

ID No.	First Name	Last Name	Address
223344556	Eitan	GI	45 Hamelaha
223456732	Wili	Smith	12 Sokolov
332156483	Shila	Margalit	1 Ayarkon
258963141	Dalit	Bern	22 Wizman

**3. Press**

**4. Choose Activity**

- Treatments
- Evaluations
- Reports

## Search and Filter patient

To search patient:

**Patients** | Current Patient : **Bern Dalit**

First Name 
 Last Name 
 ID No.

**Search Results**

ID No.	First Name	Last Name	Address
223344556	Eitan	Gl	45 Hamelaha
223456732	Wili	Smith	12 Sokolov
332156483	Shila	Margalit	1 Ayarkon
258963141	Dalit	Bern	22 Wizman

First Name 
 Last Name 
 ID No.

**Search Results**

ID No.	First Name	Last Name	Address
223344556	Eitan	Gl	45 Hamelaha

To filter patients:

**Patients** | Current Patient : **Bern Dalit**

First Name 
 Last Name 
 ID No.

**Search Results**

ID No.	First Name	Last Name	Address
223344556	Eitan	Gl	45 Hamelaha
223456732	Wili	Smith	12 Sokolov
332156483	Shila	Margalit	1 Ayarkon
258963141	Dalit	Bern	22 Wizman

## Management – Settings

This section allows the administrator to manage organization details, delete clients; request and import license and modify language.

### Organization details

To fill clinic details:

**1. Press Settings**

**2. Press**

**3. Fill clinic details**

**4. Press Save Changes, Exit and log in again**

**Settings | Current Patient : Bern Dalit**

Organization details | Client management | License request | Import license | Appearance

**Clinic Details | Clinic: 178**

Name	Eitan Gil	Address	Hamelacha 45, Netanya, Israel
Fax	972-9-98852935	E-Mail	info@meditouch.com
Phone No.	972-9-8637477	Web	www.meditouch.co.il

**Distributor Details**

Name	MediTouch Ltd.	Address	Hamelacha 45, Netanya, Israel
Fax	972-9-98852935	E-Mail	
Phone	972-9-8637477	Web	info@meditouch.co.il

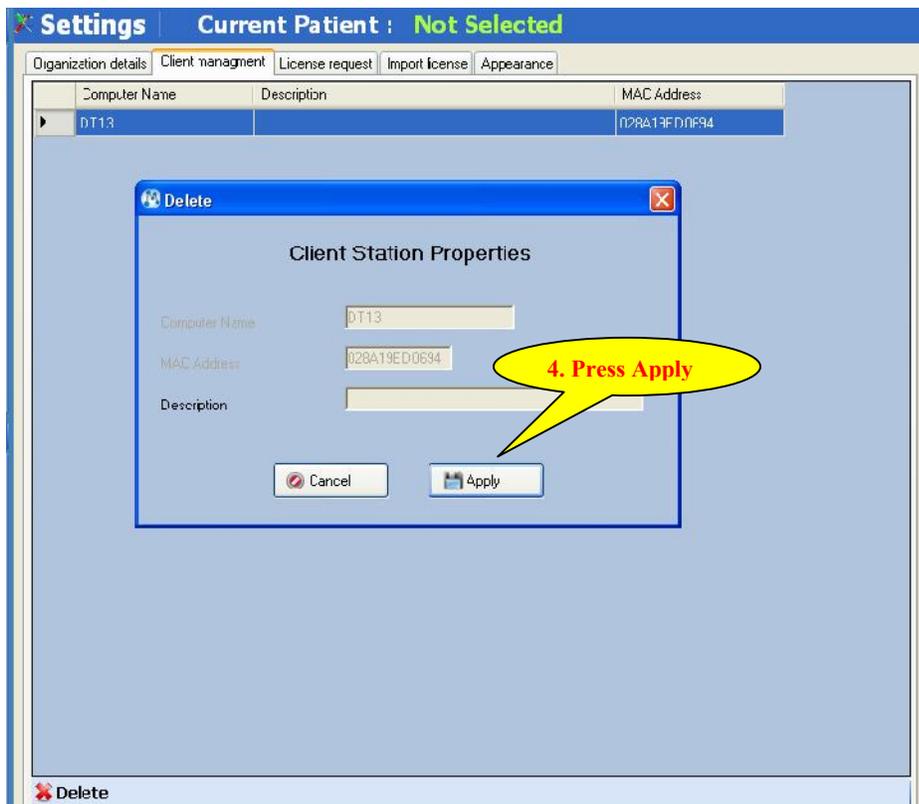
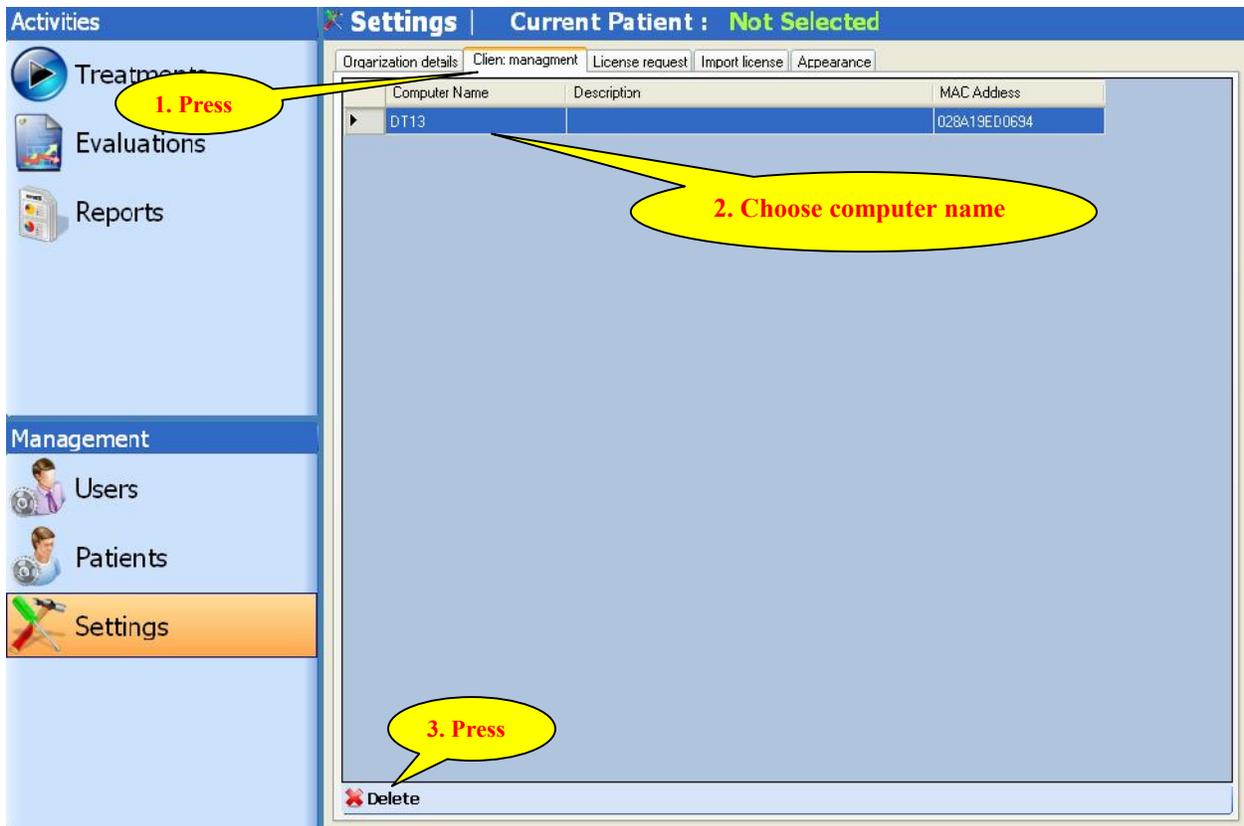
**Provider Details**

Name	MediTouch Ltd.	Address	Hamelach 45 - Foleg Ind. - Netanya.
Fax	972-9-8637477	E-Mail	info@meditouch.com
Phone	972-9-8852935	Web	www.meditouch.co.il

Save Changes

### Client management

To delete computer name / client station:



## License request

To request unlimited license:

The screenshot shows the 'License request' settings page. The left sidebar contains 'Activities' (Treatments, Evaluations, Reports) and 'Management' (Users, Patients, Settings). The main content area has tabs for 'Organization details', 'Client management', 'License request', 'Import license', and 'Appearance'. The 'License request' tab is active, showing three radio buttons: 'Client stations + Date validity', 'Client stations', and 'Date validity'. The 'Date validity' option is selected. Below this, there are two sections: 'Client stations' with a table and 'Date validity' with radio buttons and text fields. The 'Date validity' section has 'Unlimited' selected, and 'Expiry Date' and 'Request Date' are both set to 'Unlimited'. A 'Licenses acquiring procedure' section contains two asterisked notes. At the bottom right, there are 'Back', 'Next', and 'Finish' buttons.

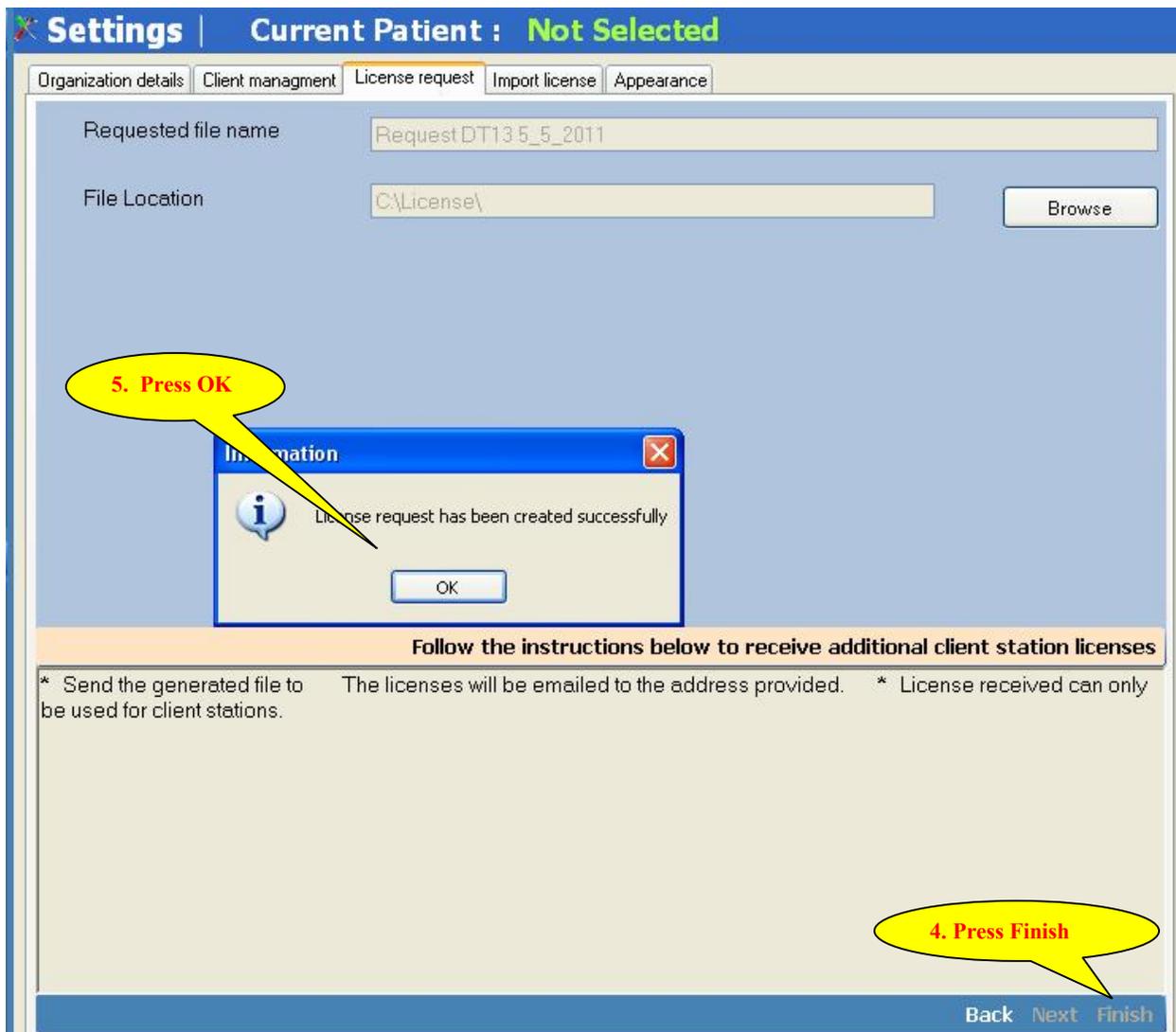
Client stations	
Allowed	2
Registered	1
Additional	0

Date validity	
<input type="radio"/> Limited	<input checked="" type="radio"/> Unlimited
Expiry Date	Unlimited
Request Date	Unlimited

**Licenses acquiring procedure**

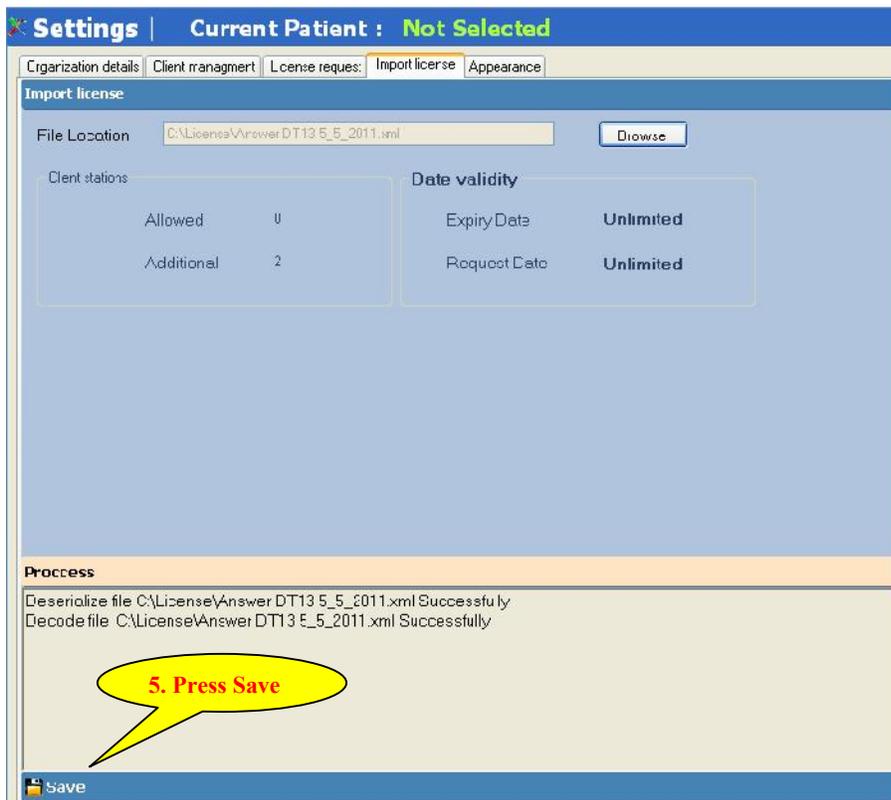
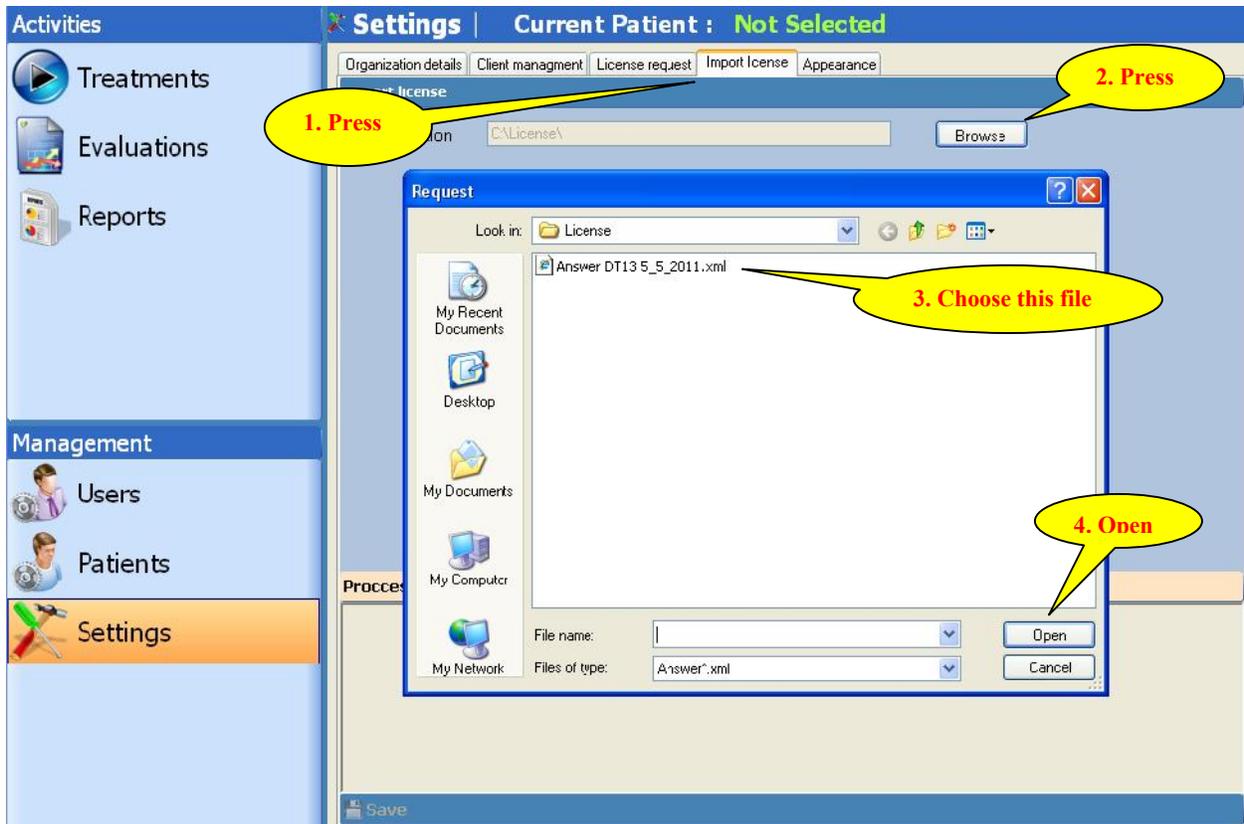
\* Please contact your software provider for additional license prices.      \* Once you have received confirmation from your software provider proceed to next step.

Back Next Finish



## Import license

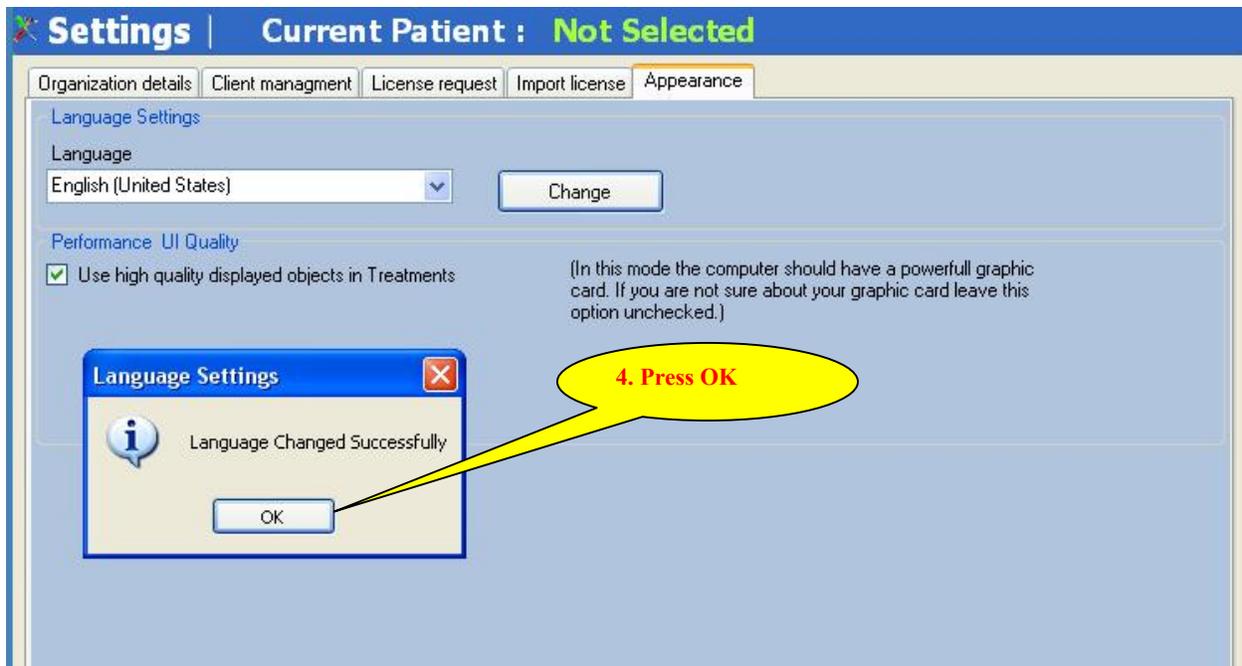
To import license:



## Appearance

To change language appearance:

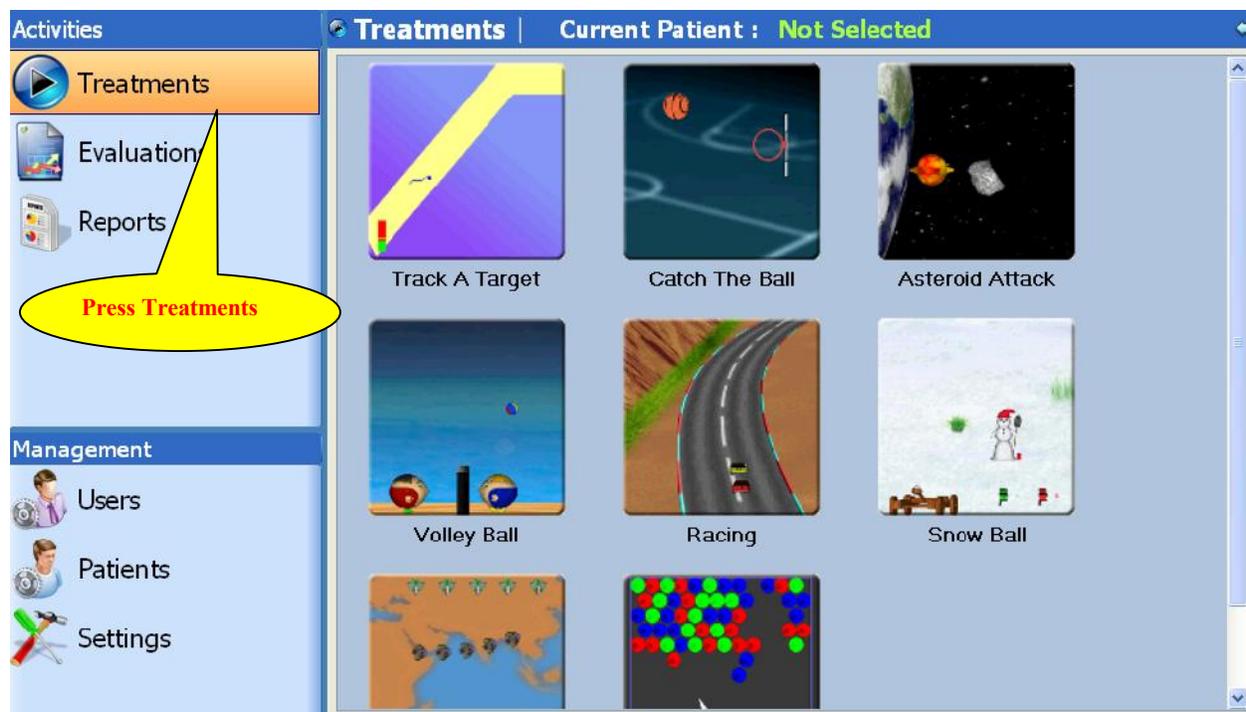
The screenshot displays the 'Settings' window with the 'Appearance' tab selected. The 'Language' dropdown menu is open, showing a list of languages including Deutsch (Deutschland), 中文(繁體), français (France), Deutsch (Deutschland), ελληνικά (Ελλάδα), עברית (ישראל), italiano (Italia), polski (Polska), and ភាសា (កម្ពុជា). A yellow callout bubble labeled '2. Choose your language' points to the dropdown menu. Another yellow callout bubble labeled '1. Press' points to the 'Change' button. A third yellow callout bubble labeled '3. Press Change' points to the 'Change' button. The 'Current Patient' status is 'Not Selected'. The left sidebar shows 'Activities' (Treatments, Reports) and 'Management' (Users, Patients, Settings).



## Activities – Treatments

The MediTutor™ system is designed to allow the patient to undertake a wide variety of clinically developed task based exercises. The program to patient interface has been designed to keep the patient motivated during the exercise program. During and after the exercise the patient receives information on his training performance. This information is known as acknowledgement of performance and acknowledgement of results. The exercise tasks are professionally designed to keep the patient motivated during their rehabilitation program.

Access to the Treatment list is facilitated by clicking on the **Treatments** button on the Activities menu found on the introductory software window:



## Task exercise methodology

### *Explanation of exercise tasks*

All HandTutor™ exercise tasks are based on flexion and extension movements of fingers and wrist. The tasks have been developed to work on fine motor movements of the hand and to provide augmented feedback. Exercise with the HandTutor™ therefore leads to local strengthening of muscles and motor learning.

### *Customizing game to impairments*

HandTutor™ exercises work on improving hand impairments. The exercise tasks are very flexible and can be tailored to each individual patient's level of hand motor and cognitive impairment. This task flexibility allows for a tailoring of the exercise task so that the patient stays motivated and challenged to perform at their best and thus gain maximum benefit from the treatment session. Information regarding the extent of the patient's impairment can be gained from the evaluation tasks included in the MediTutor software. A list of the impairment that each task works on is listed in red when the

---

user chooses the exercise task.

### *Feedback and learning*

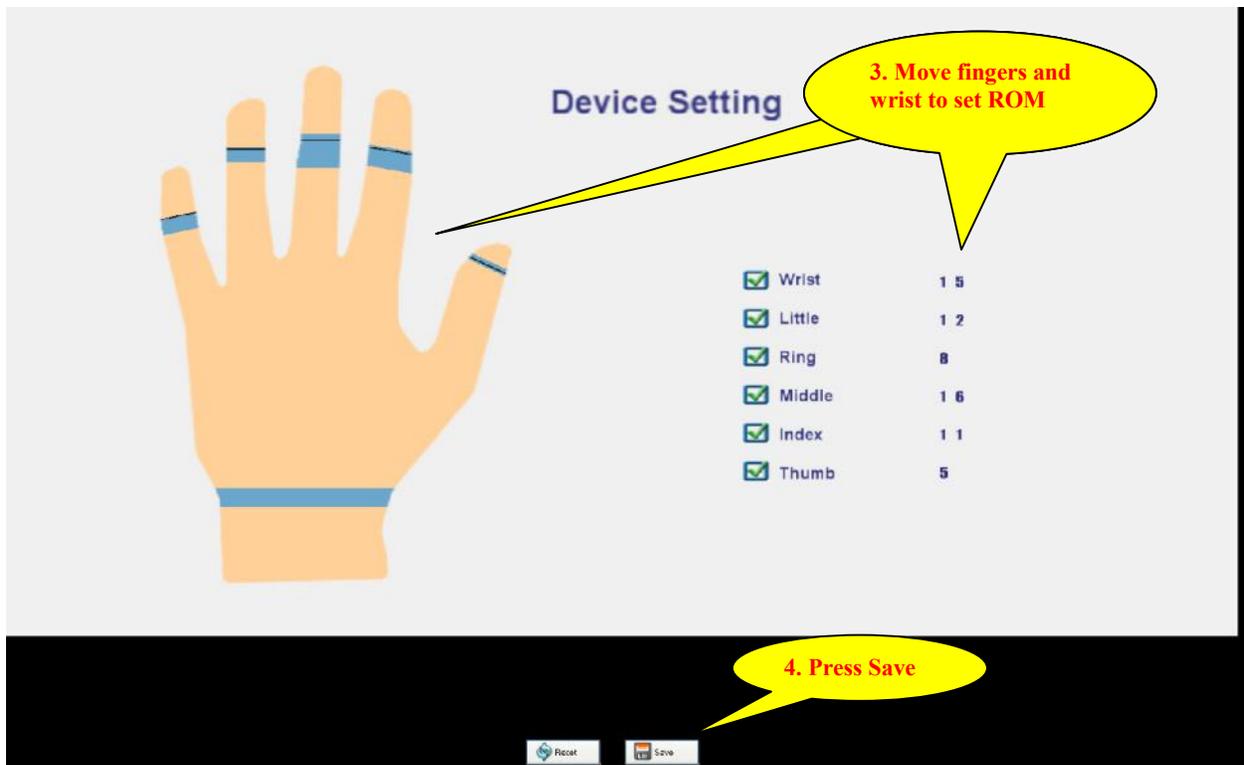
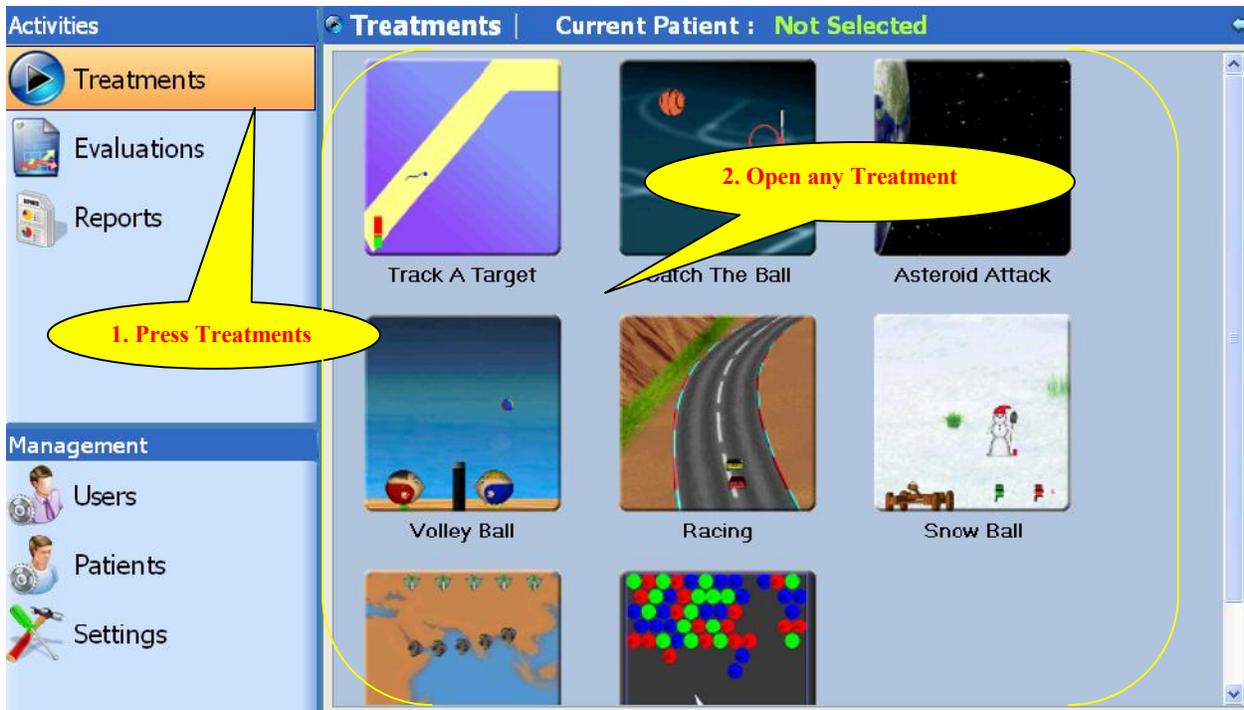
The patient receives constant and immediate feedback on his motor movements at all times during the exercise task. This allows the patient to correct his movements according to the objective of the task. After completion of the exercise task the patient receives input on his performance by means of an exercise result score.

### *Further task customization*

Once the task is completed the therapist can further customize the task in order to work on different impairments if required e.g. accuracy of movement as opposed to speed of movement. Alternatively the same impairment can be worked on by repeating the task using the same parameters at the same difficulty level or by changing the parameters to make the task more or less difficult for the impairment.

## **Device setting**

Each time user enters to an exercise session the ROM of his fingers must be set, in order to perform full settings of the device follow the instructions:

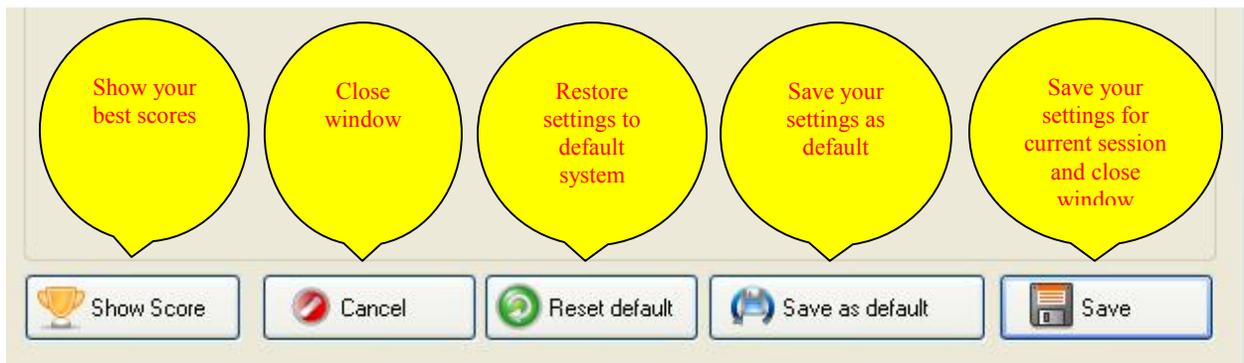


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## Treatment setting

Set the task settings according to the impairment and level to be worked on.

### Treatment setting buttons



### Track a Target setting

**Treatment setting**

# Track a Target

**Treatment setting**

Sensitivity  100% Choose sensitivity between 30% to 170%

Movement  Choose a movement type

Use Wrist Feedback Check to use wrist feedback it

**Extention :0%**  
**Mid position :100%**  
**Flexion :0%**

Auditory Feedback  Sound Check it to hear sound

Rounds:  Total time: 170 sec  
 Extension time:   
 Extension hold:   
 Flexion time:   
 Flexion hold:   
 Accuracy:

Full range     1/3 Ext  
 1/2 Ext     1/3 Mid  
 1/2 Flx     1/3 Flx

Track     Background

Automatic

Treatment setting
✕

# Track a Target

Treatment setting

Sensitivity 

100%

Movement Fingers

Use Wrist Feedback

**Extension**

**Mid point**

**Flexion**

**Auditory Feedback**

Sound

Choose number of rounds and other values to extend or flex your track.

It effects on total time

Choose the track location related to full range

Rounds 5

Extension time 12

Extension hold 5

Flexion time 12

Flexion hold 5

Accuracy 30

Total time: 170 sec

**Range**

Full range     1/3 Ext

1/2 Ext     1/3 Mid

1/2 Flx     1/3 Flx

Track
 Background

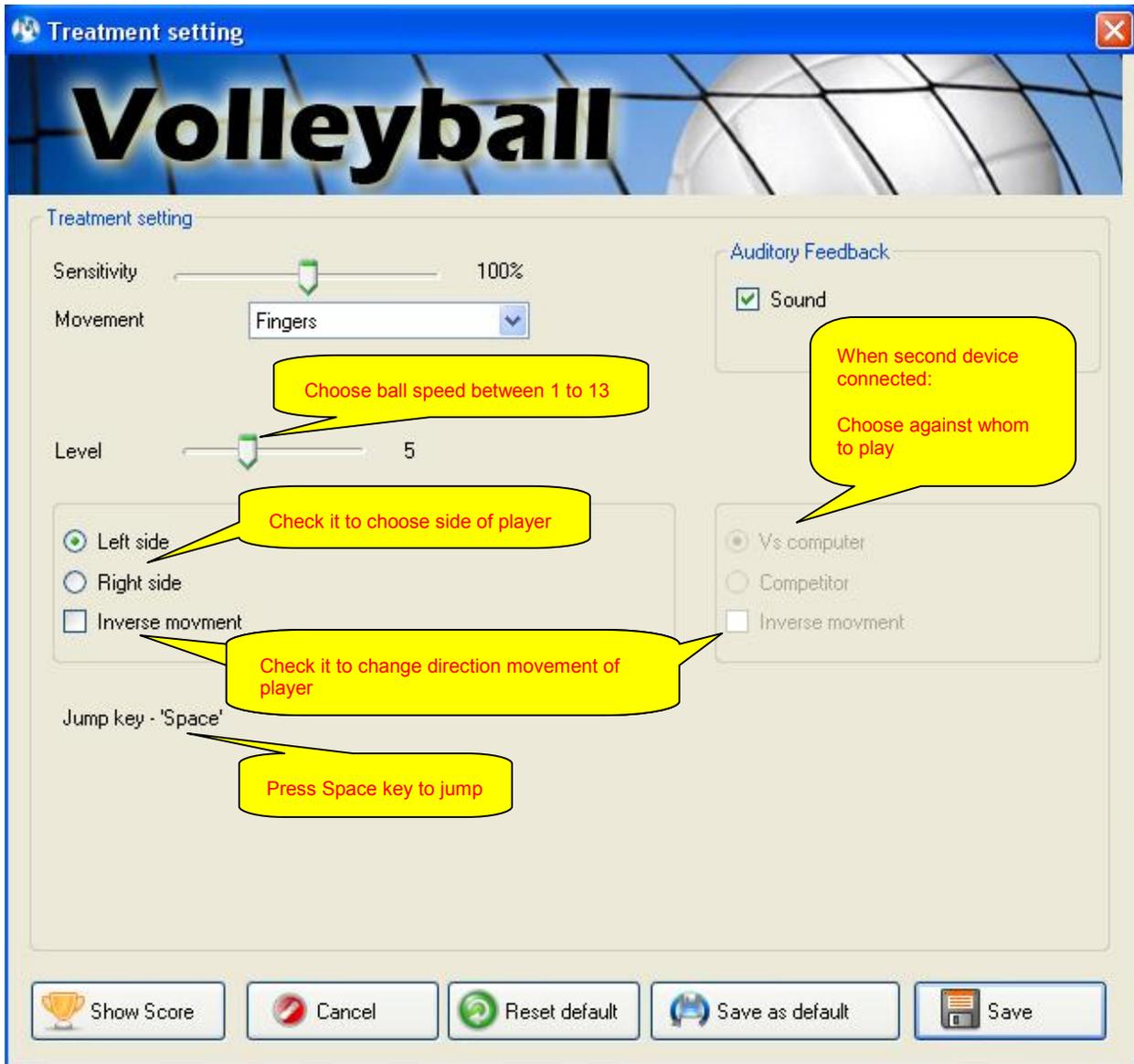
Automatic

Show Score
 Check to change speed during the game
 Save as default
 Save

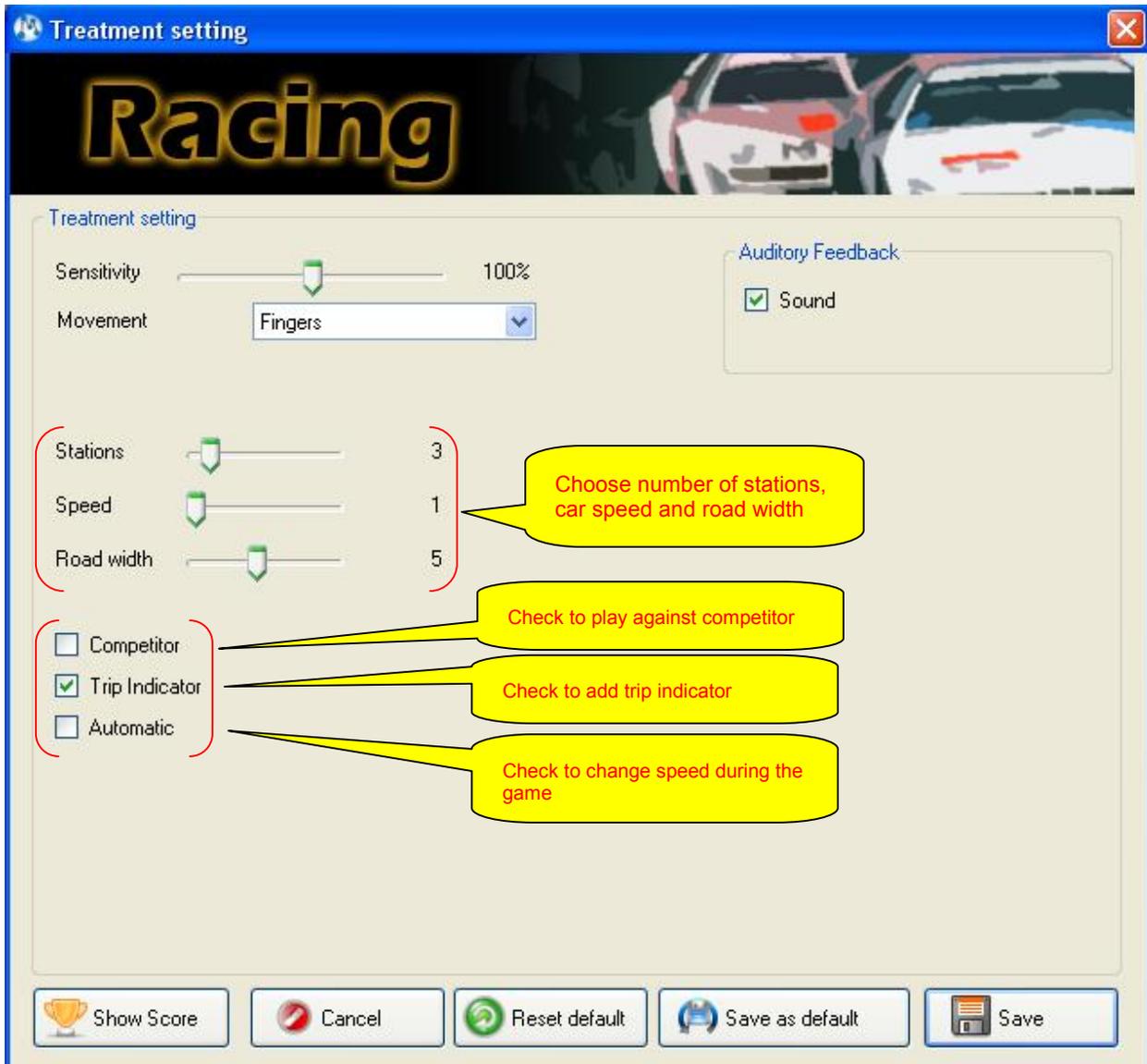
### Catch the Ball & Asteroid Attack setting



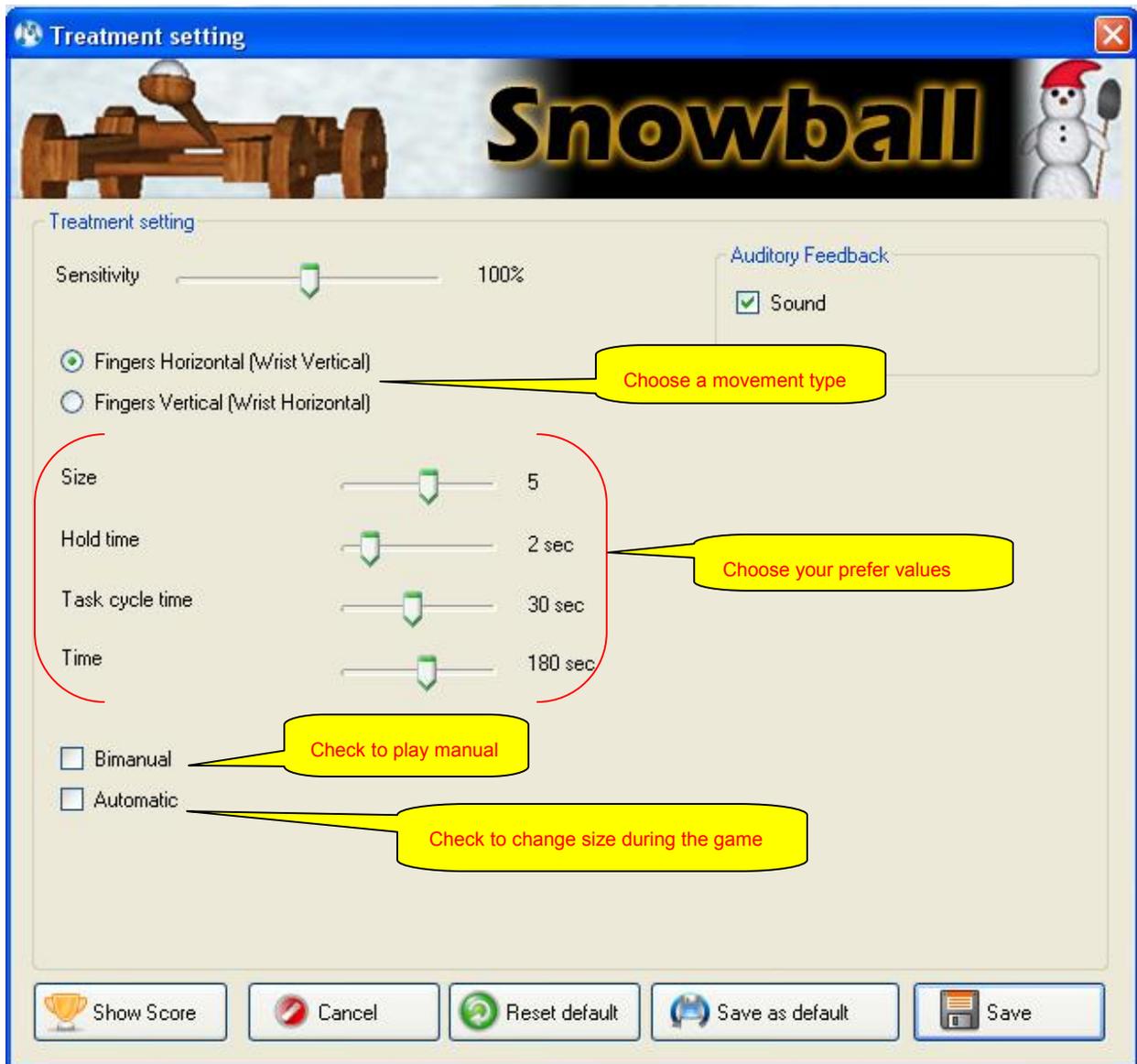
## Volley Ball setting



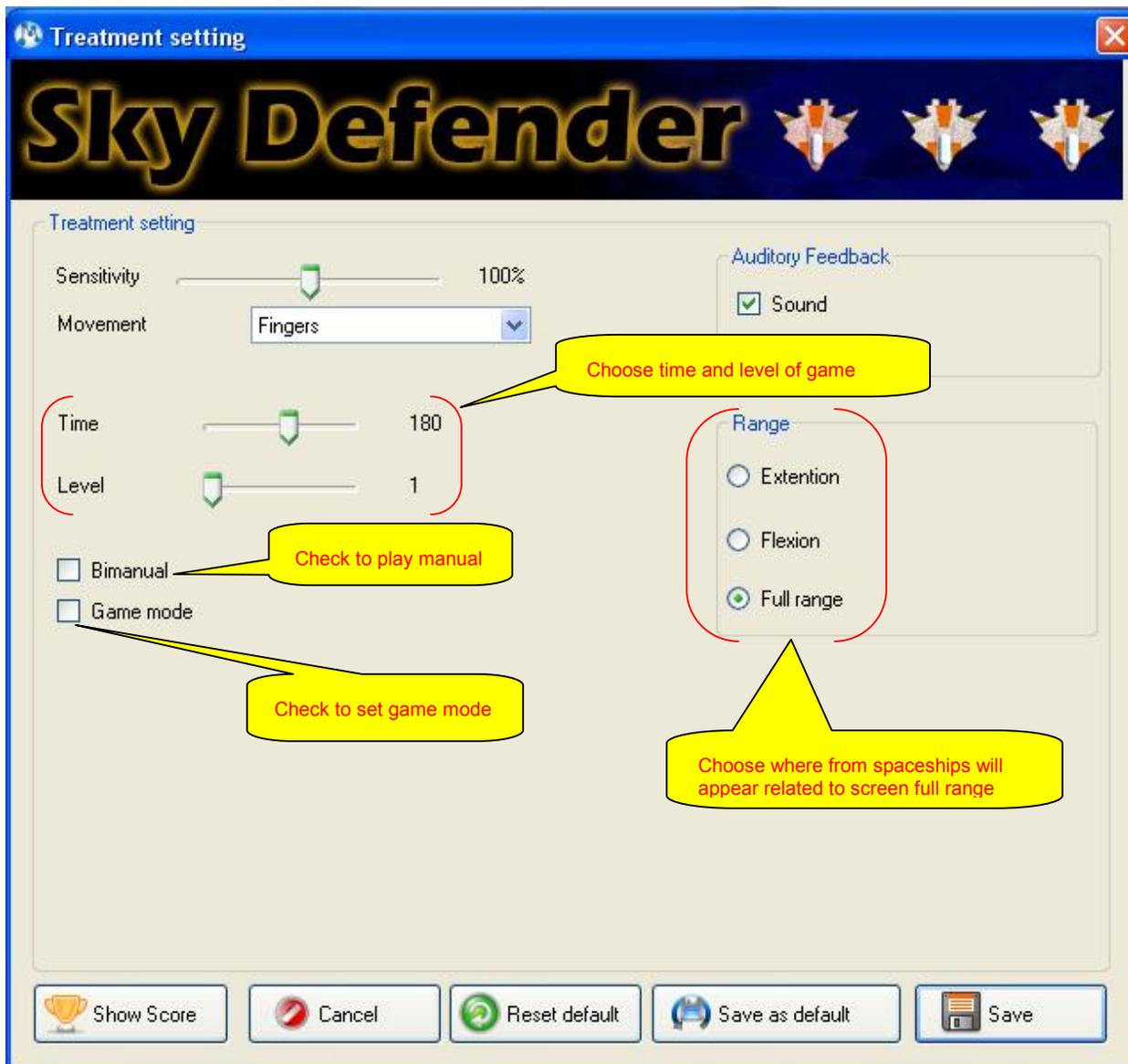
## Racing setting



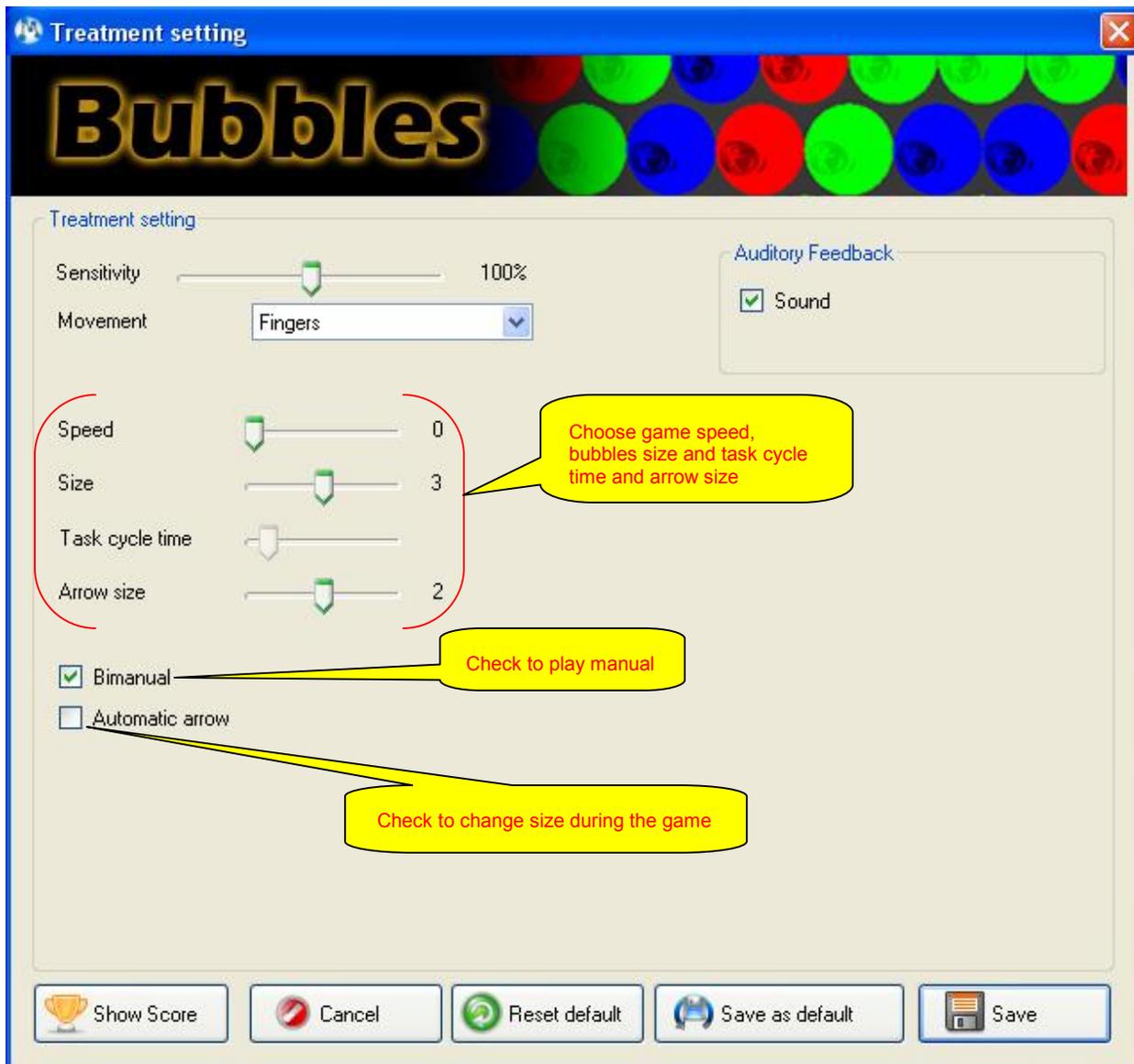
## Snow Ball setting



### Sky Defender setting

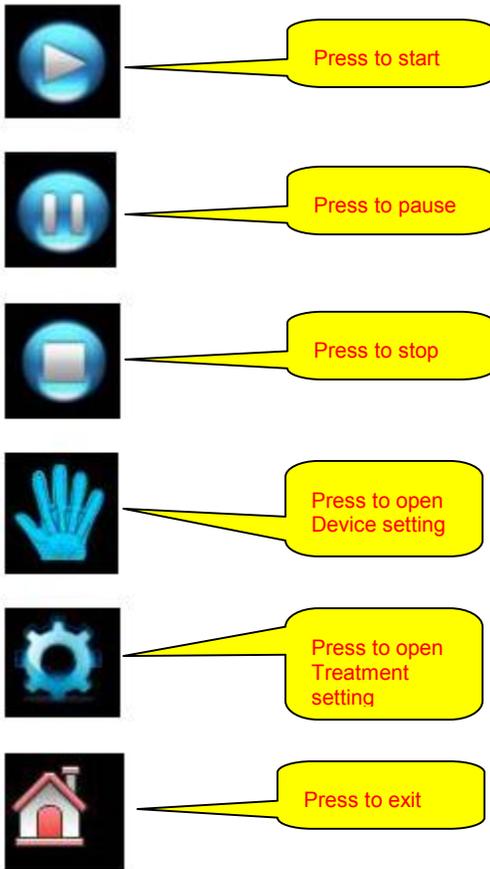


### Bubbles – 3D setting



## Control panel

In order to control your treatment see following description:



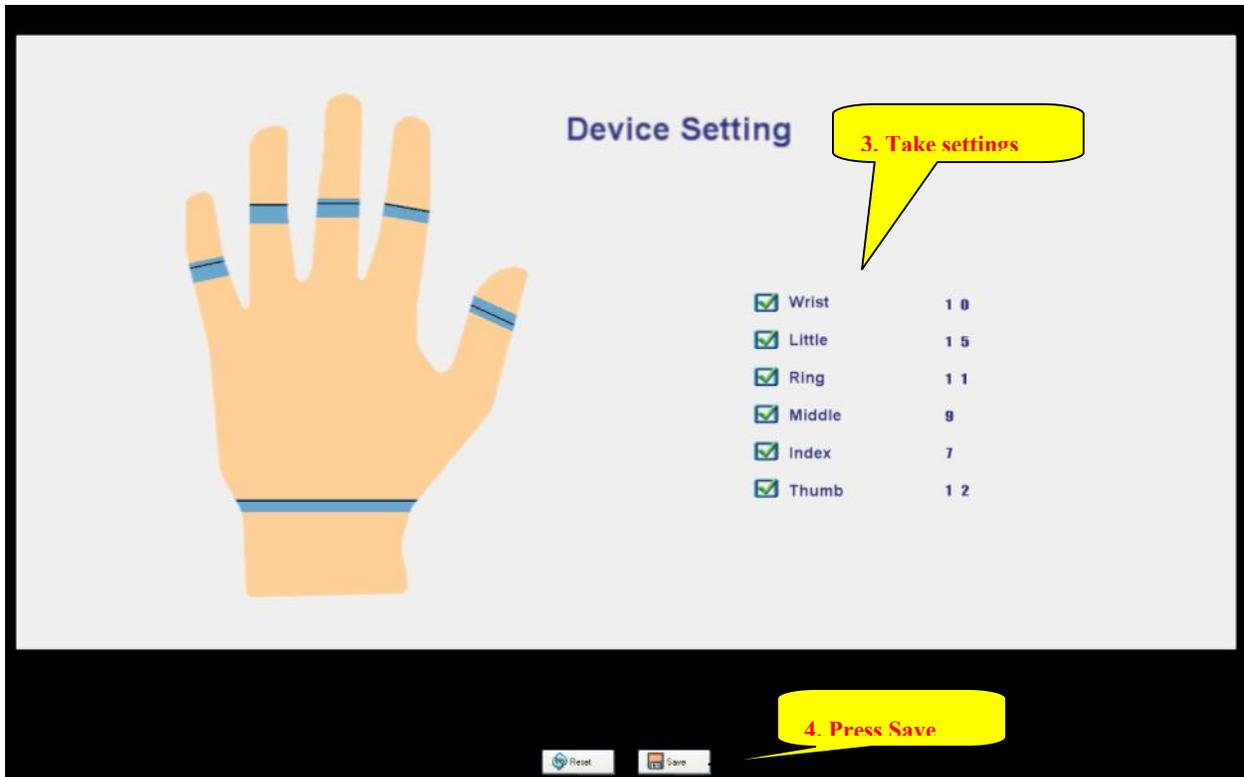
## Treatment list

### *Track a Target*

Try to keep the ball inside the moving target.

To start Track a target:

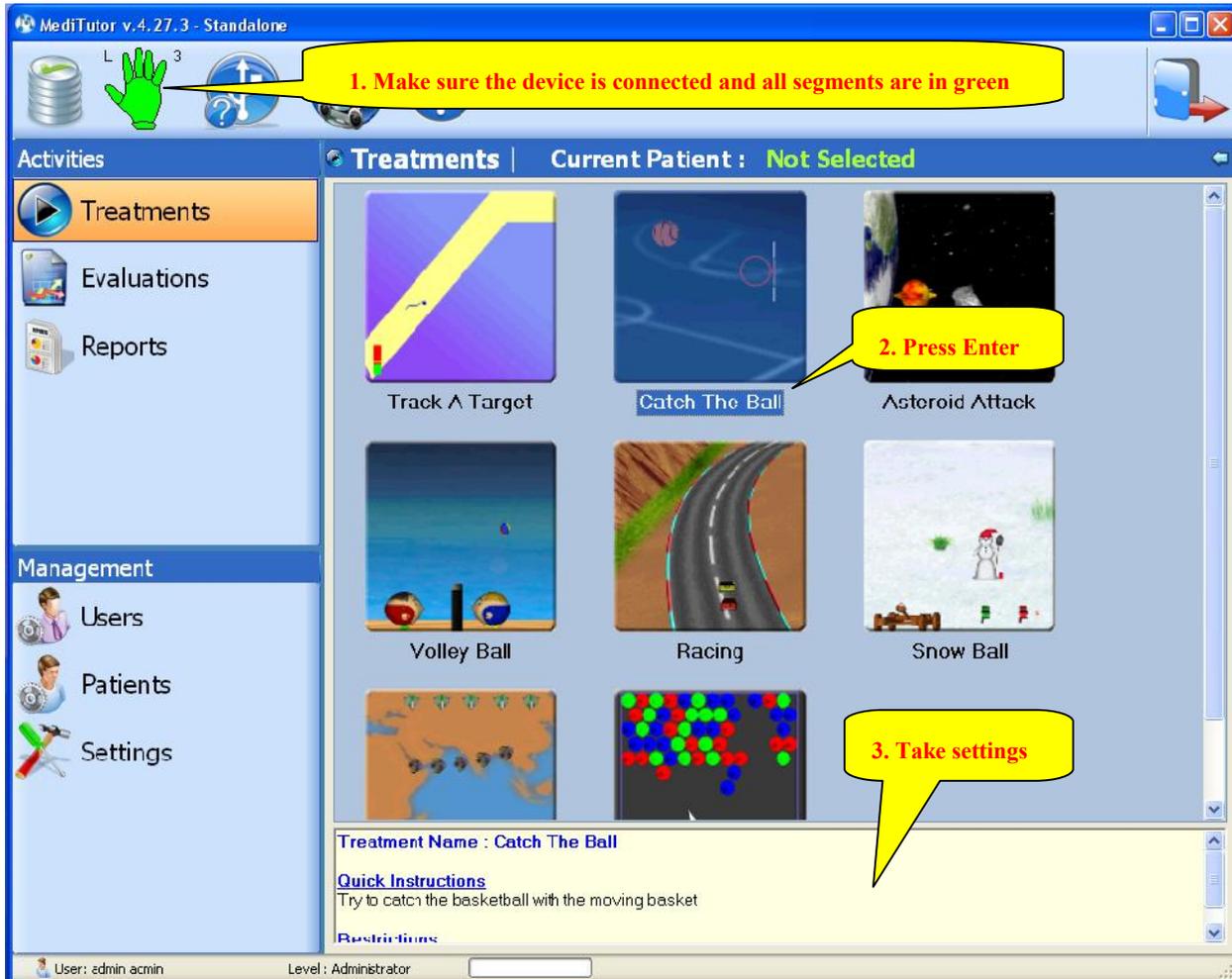


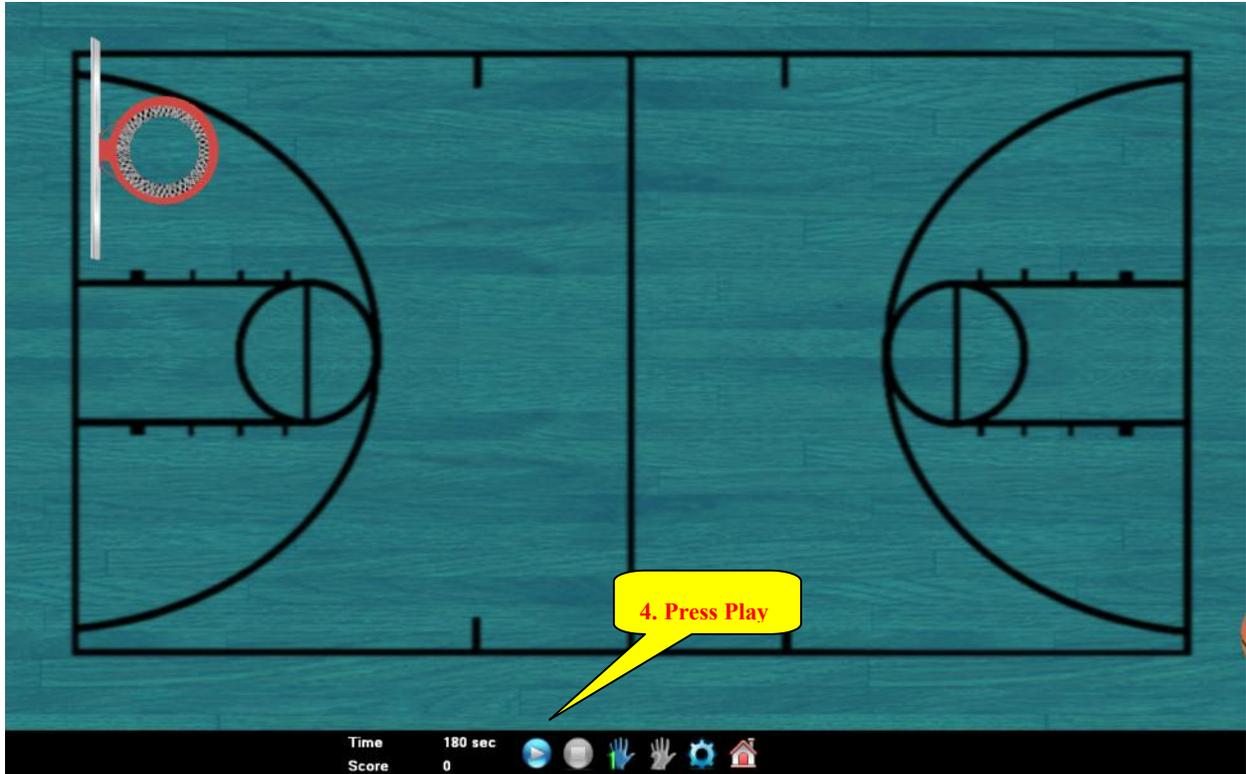


## Catch the Ball

Try to catch the basketball with the moving basket.

To start Catch the Ball:

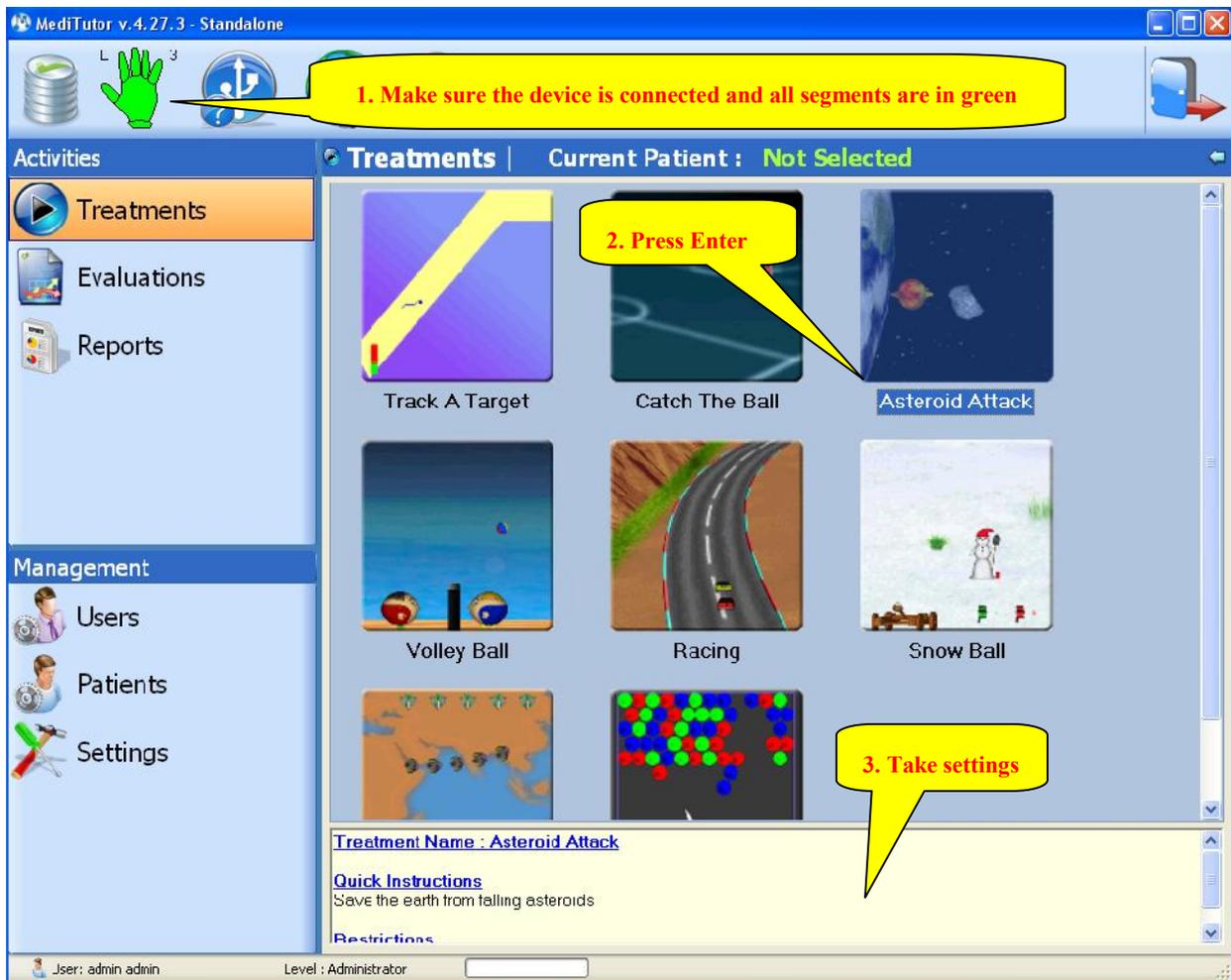


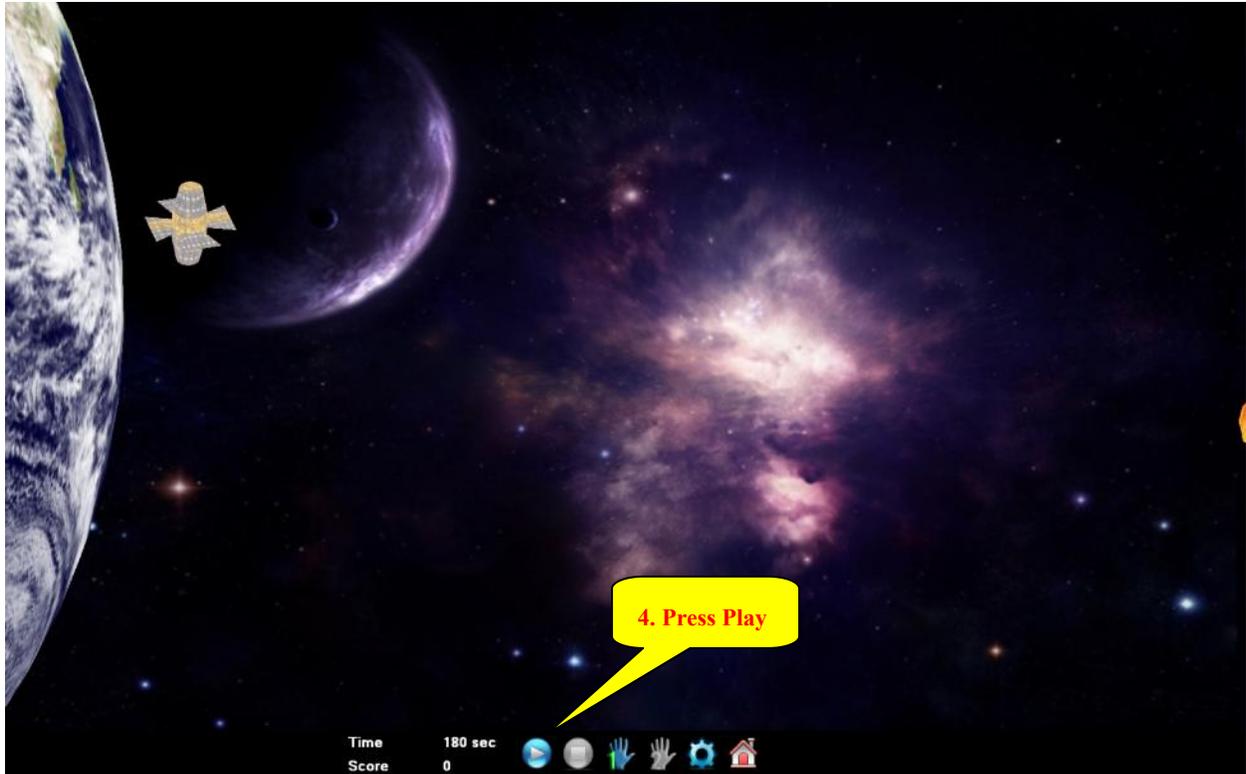


### *Asteroid Attack*

Save the earth from falling asteroids.

To start Asteroid Attack:

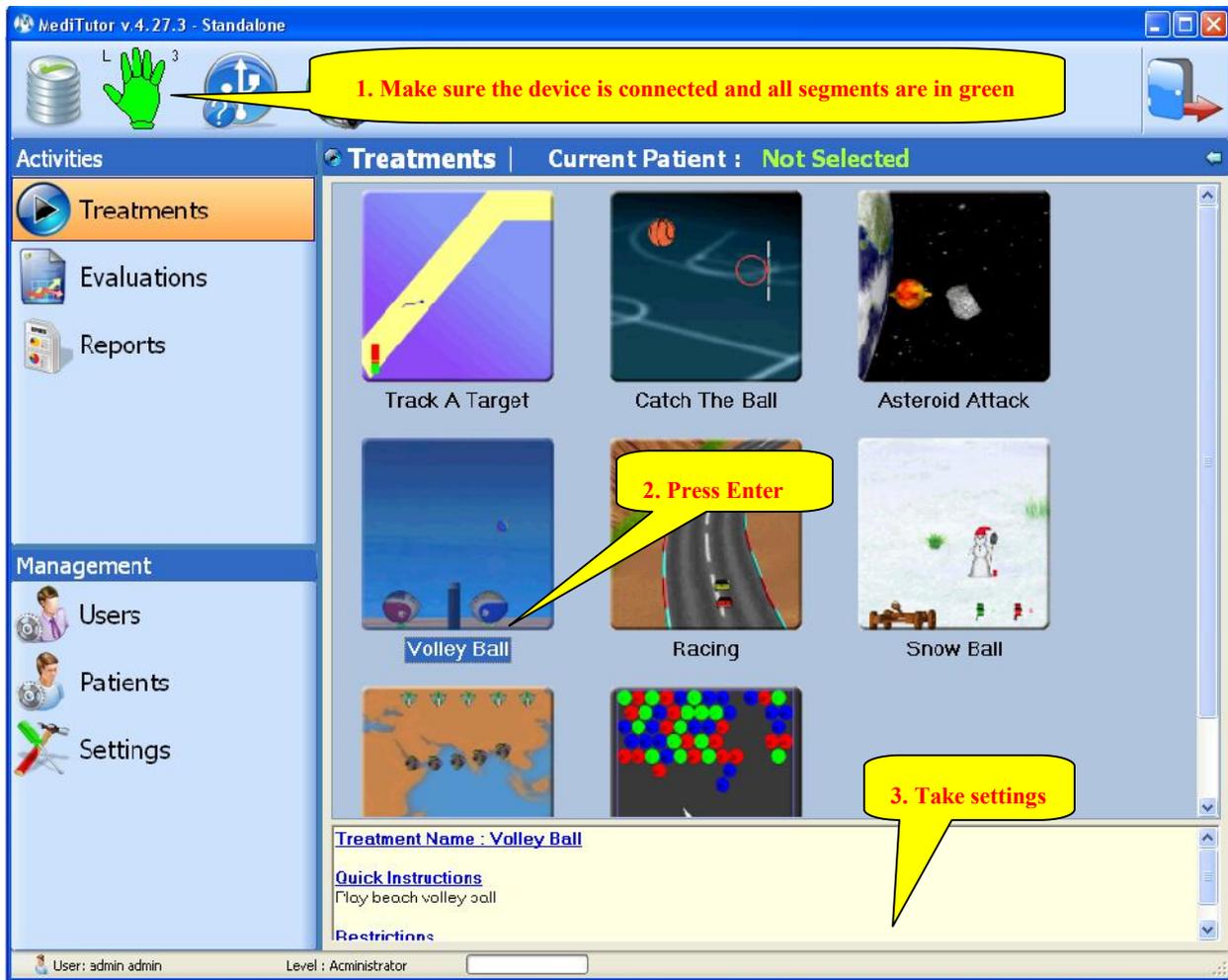


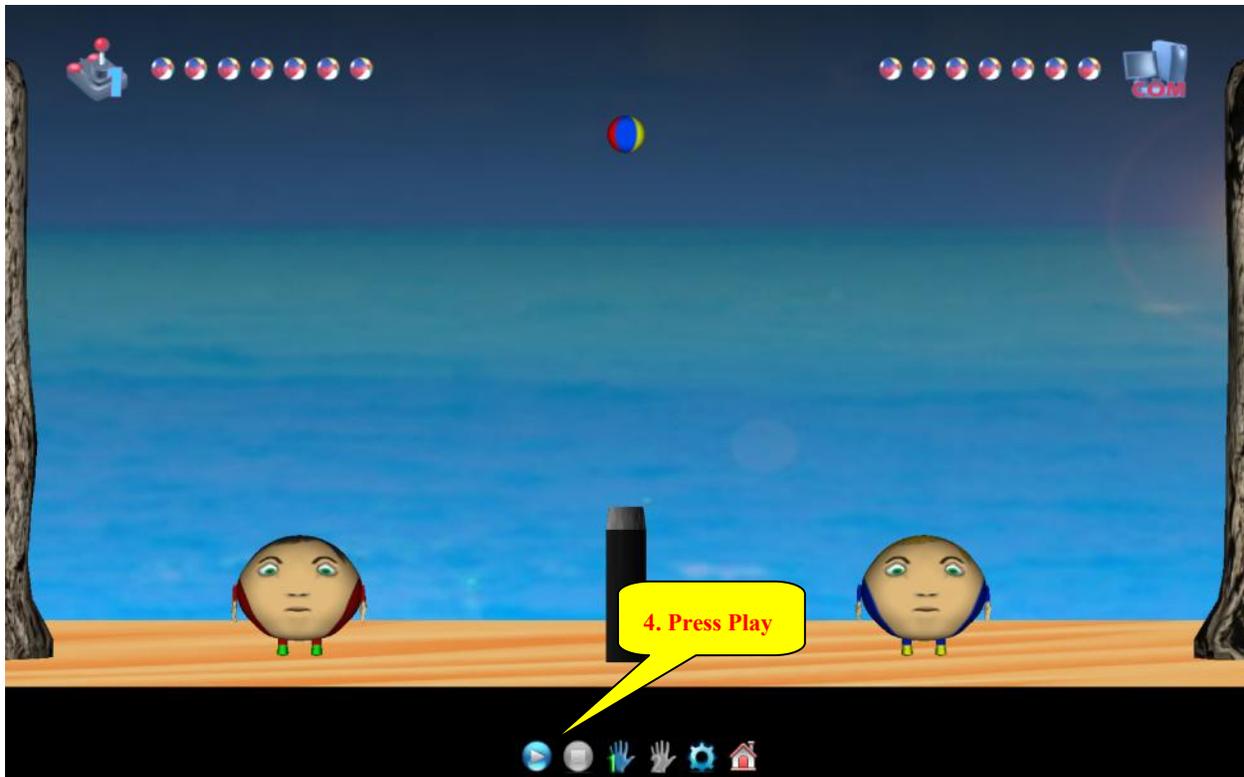


### *Volley Ball*

Play beach volley ball.

To start Volley ball:

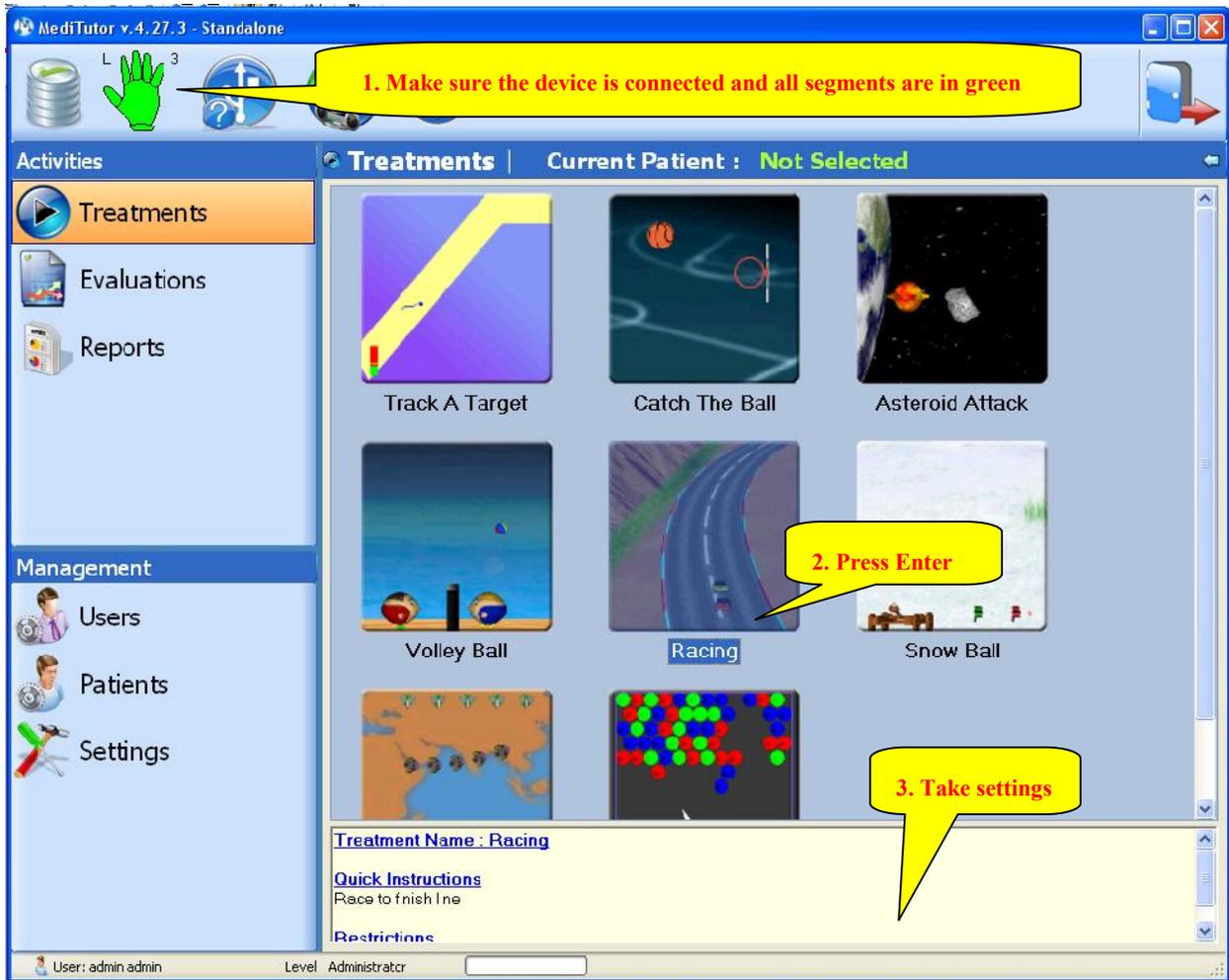




### *Racing*

Keep the car on the road until the finish line

To start Racing:

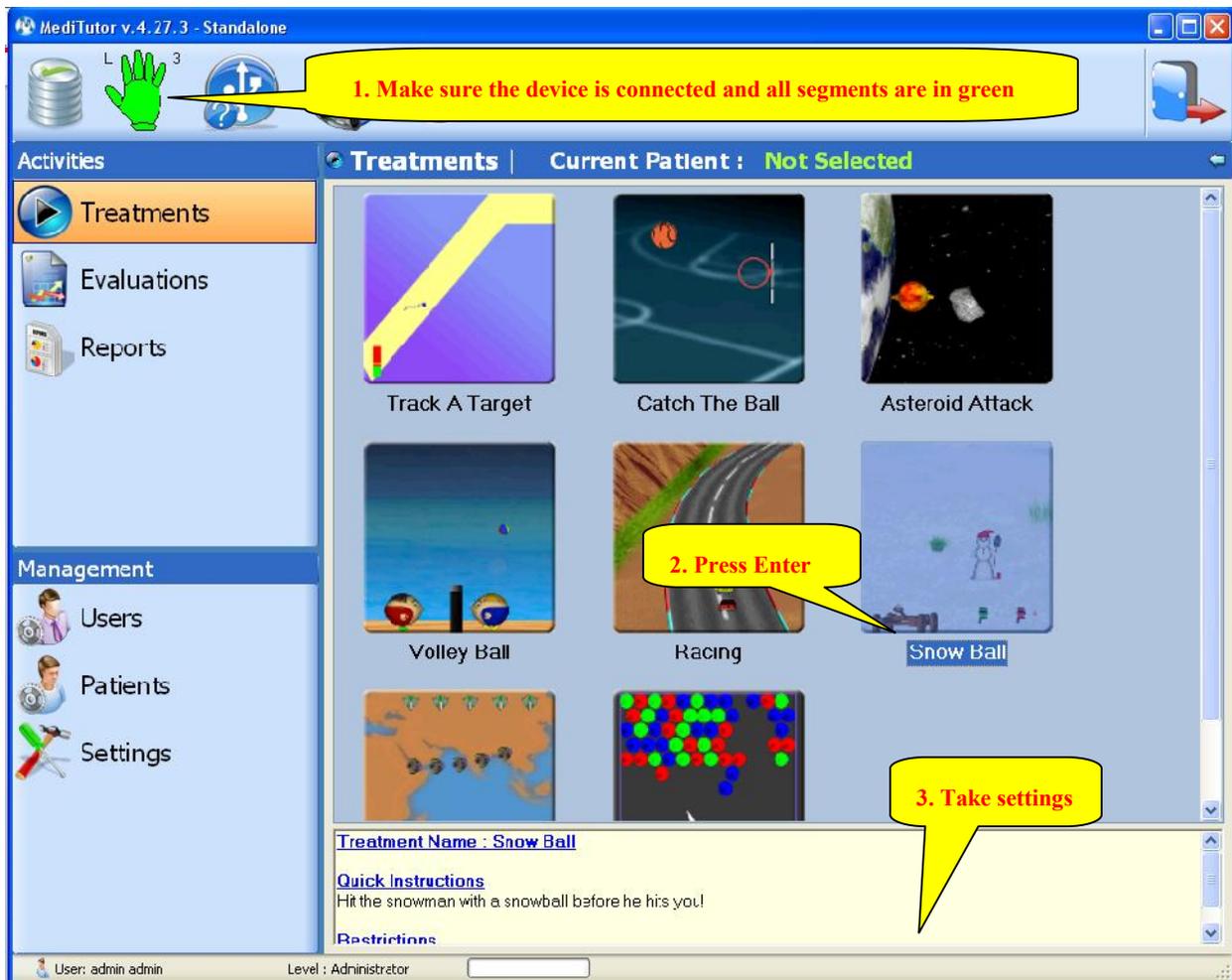


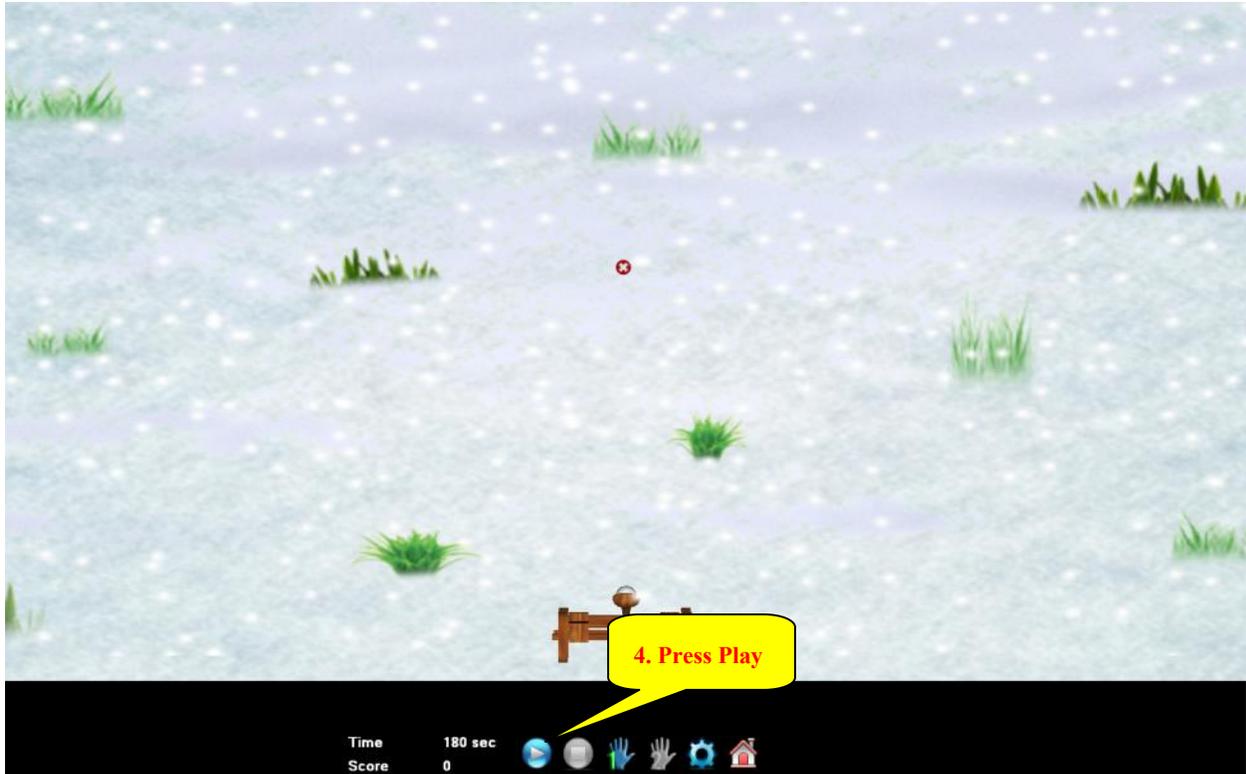


### *Snow Ball*

Raise your finger(s) or wrist to aim the snowball at the snowman.

To start Snow Ball:





### *Sky Defender*

Play spaceship war, eliminate all enemies

To start Sky Defender:



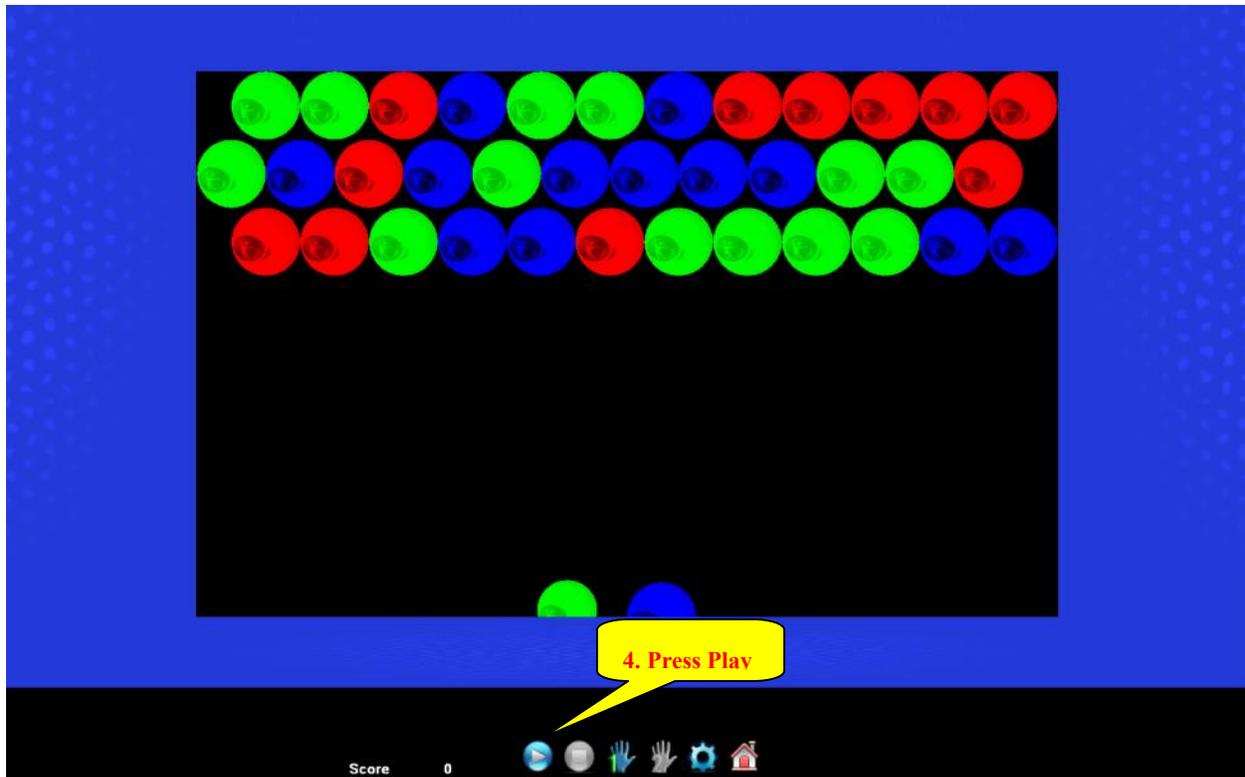


### *Bubbles – 3D*

Raise your finger(s) or wrist to aim the arrow at the bubbles.

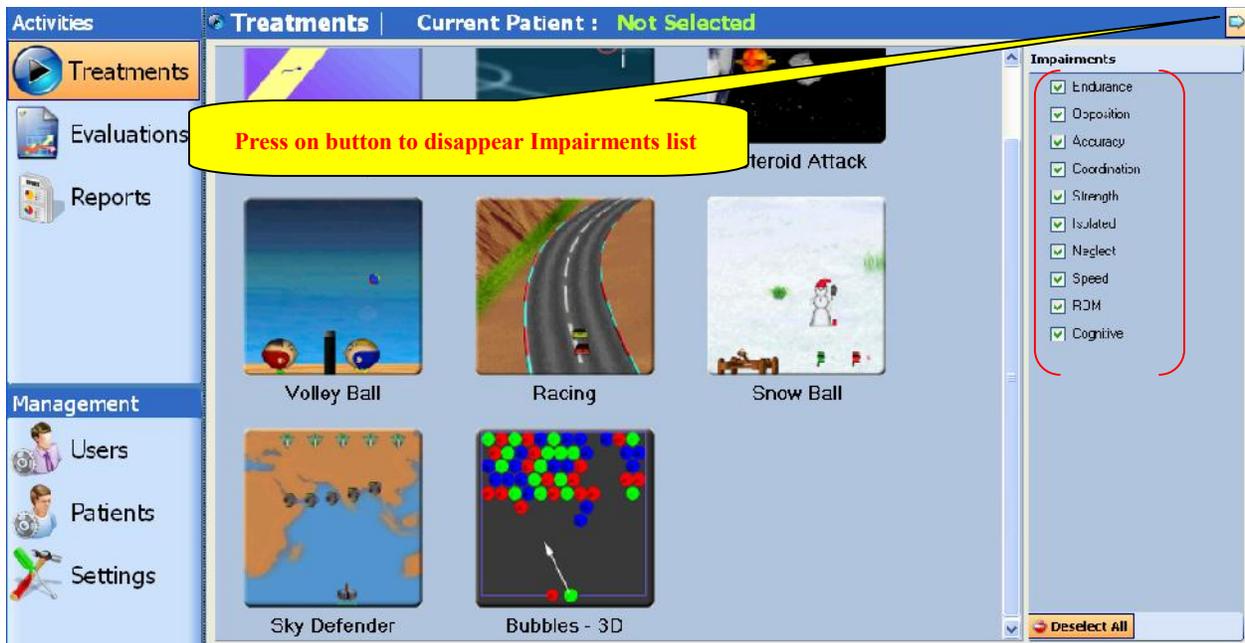
To start Bubbles – 3D:





## Impairments

MediTutor™ allows filtering the list by selected impairments.



## Activities – Evaluations

MediTutor™ allows the evaluation of the patients biomechanical and kinematics' hand performance. Proper evaluation of these parameters allows the therapist to better understand the patient's hand impairment and customize a rehabilitation program that will lead to improvement in hand function. Access to the Evaluation list is facilitated by clicking on the **Evaluations** button on the below menu found on the introductory software window.

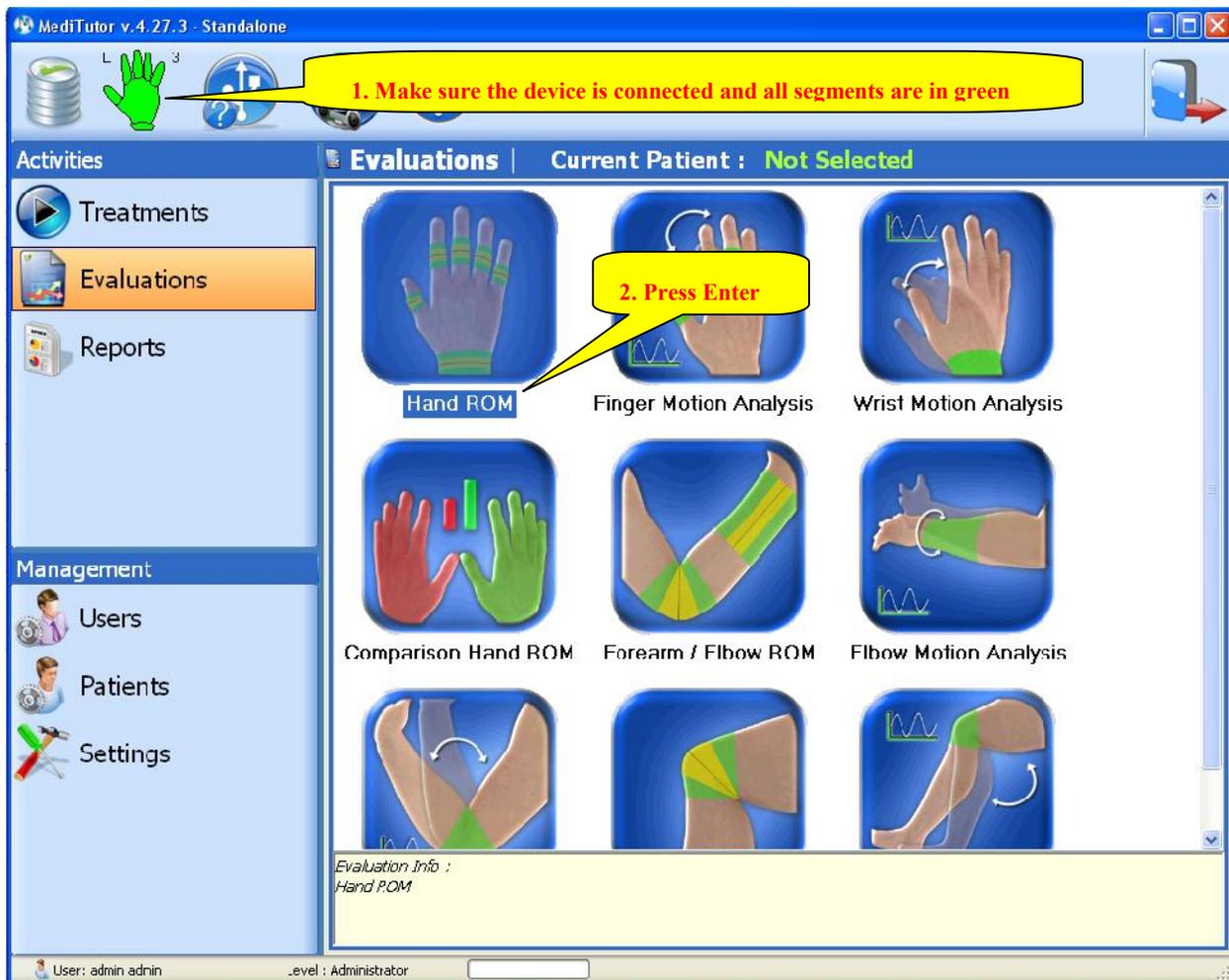


## Evaluations types

### Hand ROM

The Range of Motion (ROM) evaluation option is designed to evaluate both total passive ROM of fingers and wrist joint and Active ROM of fingers and wrist joint relatively to passive ROM. The Finger Motion Analysis option is designed to evaluate cyclical extension and contraction movements of the fingers. The Wrist Motion Analysis option is designed to evaluate cyclical extension and contraction movements of the wrist.

To start Hand ROM:



**Search Patient**

**3. Press Search**

First Name  Last  **Search**

**Search Results** Filter Find My Patients

ID No.	First Name	Last Name	Address	Phone No.	Date of Birth	Description
223344556	Eitan	GI	45 Hamelaha	08-8867794	01/01/1978	
223456732	Wili	Smith	12 Sokolov		03/05/2011	
332156483	Shila	Margalit	1 Ayarkon		03/05/2011	

**4. Choose Patient and press double click on left button mouse**

**Warning**

**5. Press Yes**

New Patient has been selected.  
Do you want to set GI Eitan as the active patient?

Yes No Cancel

Hand ROM

Patient: Eitan GI  
Date: 11/05/2011 15:03

Hand ROM

**6. Therapist move fingers and wrist patient**



	Report Data		
	Active Vs Passive [mm]	Active Flexion Deficit [mm]	Active Extension Deficit [mm]
Wrist	0 / 10	0	0
Little	0 / 7	0	0
Ring	0 / 6	0	0
Middle	0 / 8	0	0
Index	0 / 10	0	0
Thumb	0 / 3	0	0

**Passive**

Passive Active Stop Save to Database Show Report Accumulated Report Exit

Hand ROM

Patient: Eitan GI  
Date: 11/05/2011 15:03

Hand ROM



	Report Data		
	Active Vs Passive [mm]	Active Flexion Deficit [mm]	Active Extension Deficit [mm]
Wrist	8 / 10	0	2
Little	6 / 7	0	1
Ring	3 / 6	2	1
Middle	5 / 8	0	3
Index	7 / 10	1	2
Thumb	1 / 3	0	2

**Active**

**7. Press Active and ask from patient to move fingers and wrist**

Passive Active Stop Save to Database Show Report Accumulated Report Exit

Hand ROM

Patient: Eitan GI  
Date: 11/05/2011 15:03

Hand ROM



	Report Data		
	Active Vs Passive [mm]	Active Flexion Deficit [mm]	Active Extension Deficit [mm]
Wrist	8 / 10	0	2
Little	6 / 7	0	1
Ring	3 / 6	2	1
Middle	5 / 8	0	3
Index	7 / 10	1	2
Thumb	1 / 3	0	2

**8. Press Stop to finish measurement**

**9. Press Save to Database to save data**

Passive Active Stop Save to Database Show Report Accumulated Report Exit

Stop

Hand ROM

Patient: Eitan GI  
Date: 11/05/2011 15:03

Hand ROM



	Report Data		
	Active Vs Passive [mm]	Active Flexion Deficit [mm]	Active Extension Deficit [mm]
Wrist	8 / 10	0	2
Little	6 / 7	0	1
Ring	3 / 6	2	1
Middle	5 / 8	0	3
Index	7 / 10	1	2
Thumb	1 / 3	0	2

Stop

10. Press Show Report to display report

Passive Active Stop Save to Database Show Report Accumulated Report Exit

### Measures description

The first column of the below report data table shows Active Range of **Motion** / **Passive Range of Motion**. The data is recorded in mm (millimeter). The second column shows **Deficit in Active Extension** in mm. The far right column shows **deficit in Active Flexion**.

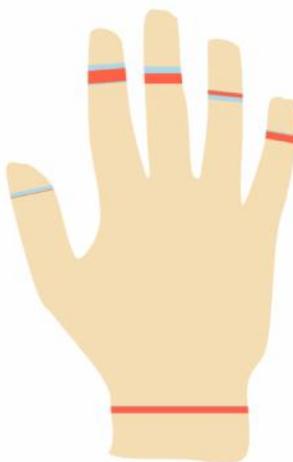
Hand Tutor

### Single ROM Report

**First Name:** Eitan  
**Last Name:** GI  
**ID Number:** 223344556

**Gender:** Male  
**Date of Birth:** 01/01/1978  
**Diagnosis:** Left Hemiparesis

**First Evaluation:** 03/05/2011 : 11:56  
**Last Evaluation:** 11/05/2011 : 15:15  
**Treated Area:** Left Hand  
**Current Evaluation:** 11/05/2011 : 15:19



	Active Vs Passive [mm]	Deficit Active Flexion [mm]	Deficit Active Extension [mm]
Wrist	8 / 10	0	2
Little	6 / 7	0	1
Ring	3 / 6	2	1
Middle	5 / 8	0	3
Index	7 / 10	1	2
Thumb	1 / 3	0	2

Legend: ■ Passive ROM, ■ Active ROM

Notes:

**11. Press Save to file if you wish to save data into file as well**

Hand ROM

Patient: Eitan GI  
Date: 11/05/2011 15:03

### Hand ROM



	Active Vs Passive [mm]	Active Flexion Deficit [mm]	Active Extension Deficit [mm]
Wrist	0 / 0	0	0
Little	0 / 0	0	0
Ring	0 / 0	0	0
Middle	0 / 0	0	0
Index	0 / 0	0	0
Thumb	0 / 0	0	0

Report Data

**Passive**

**12. Press Passive to start over**

**13. Press Accumulated Report to display report**

**14. Press Exit to close**

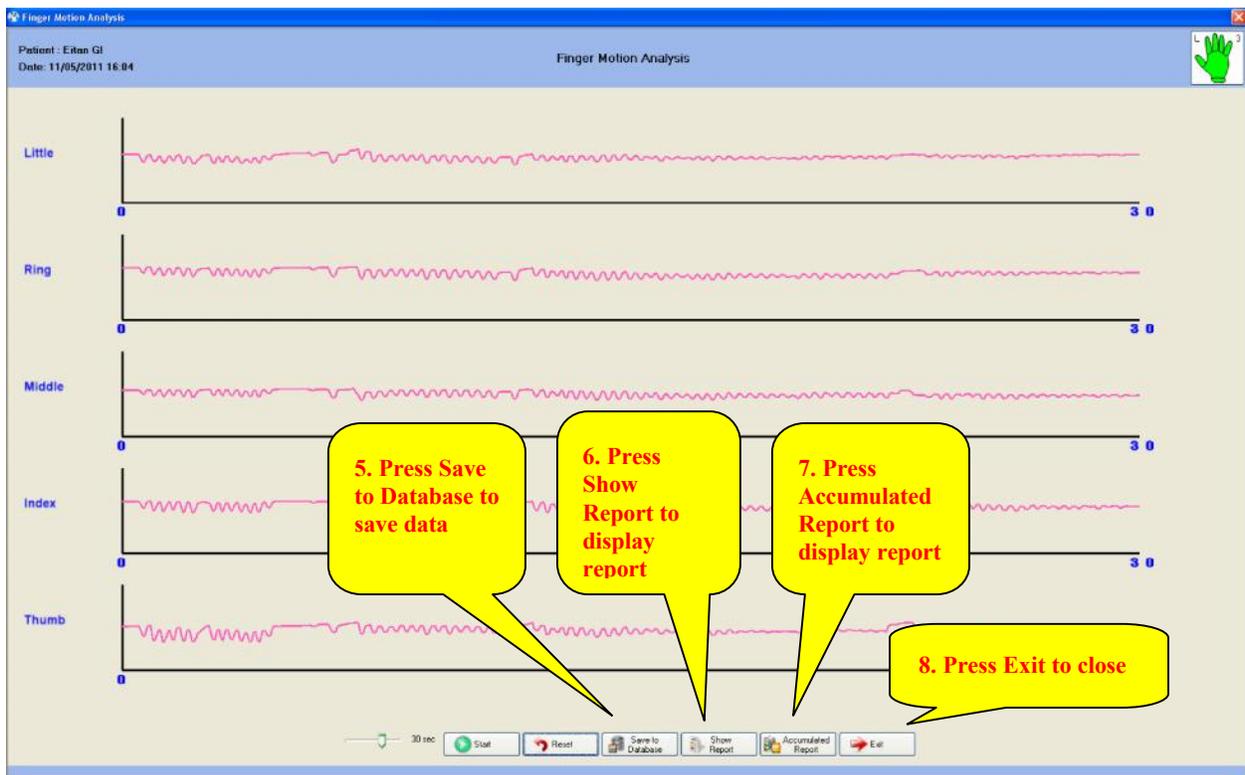
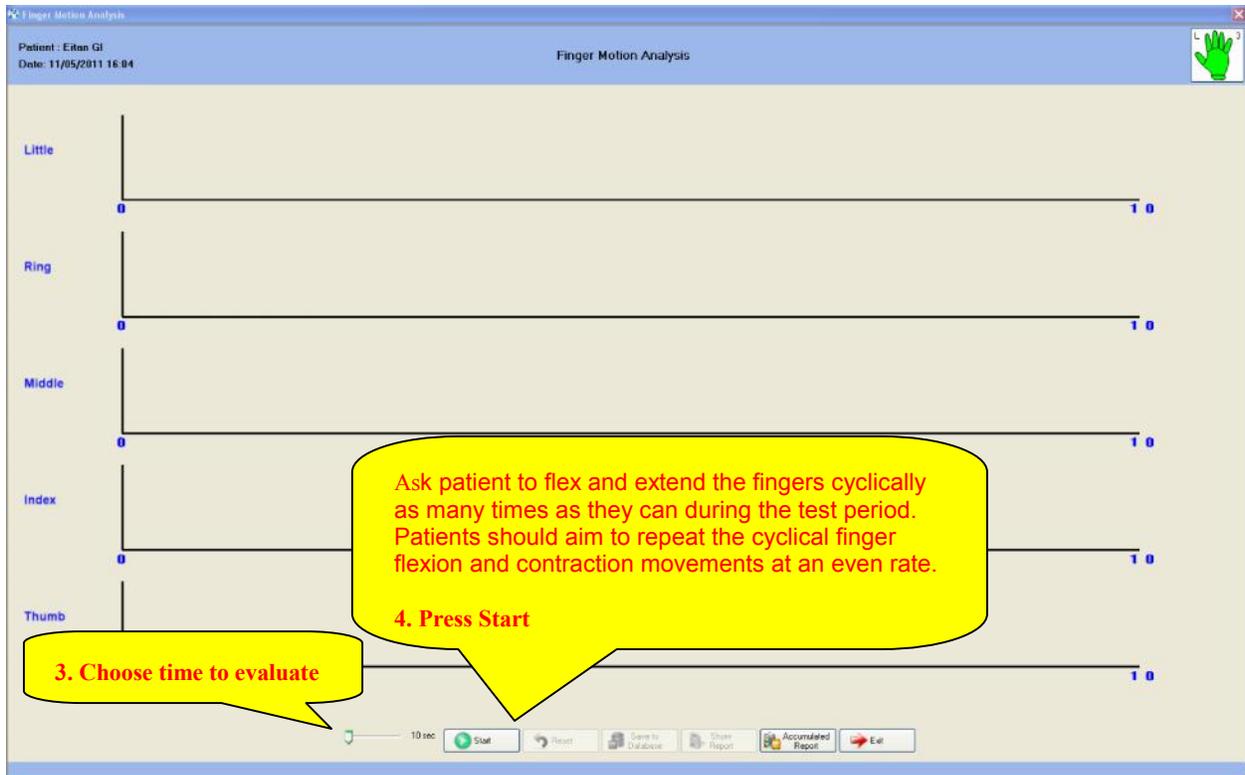


## Finger Motion Analysis

To start Finger Motion Analysis:

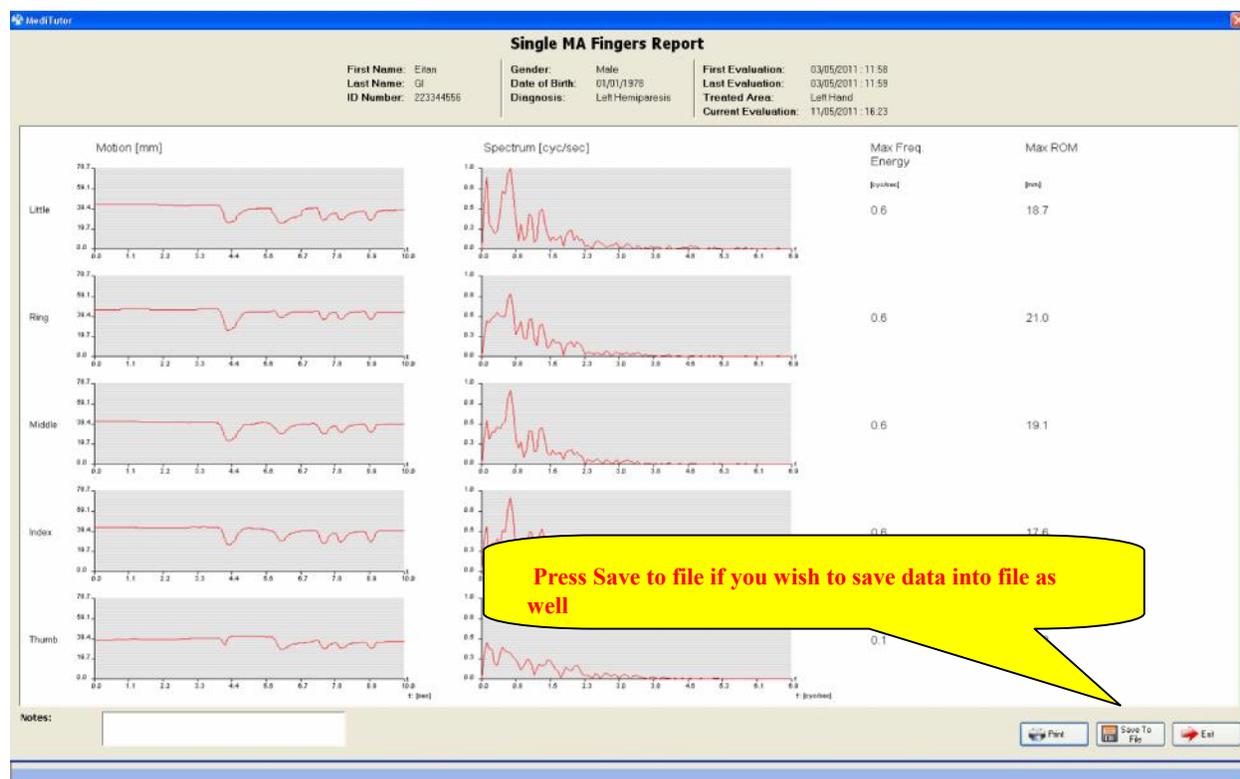
The screenshot displays the MediTutor v.4.27.3 software interface. The title bar reads "MediTutor v.4.27.3 - Standalone". The interface is divided into several sections:

- Top Bar:** Contains a green hand icon with a "3" and a blue circular icon with a white arrow. A yellow callout bubble points to the blue icon with the text "1. Make sure the device is connected and all segments are in green".
- Left Sidebar:** Labeled "Activities" and "Management". Under "Activities", there are buttons for "Treatments", "Evaluations" (highlighted in orange), and "Reports". Under "Management", there are buttons for "Users", "Patients", and "Settings".
- Main Panel:** Labeled "Evaluations" and "Current Patient : Not Selected". It features a grid of nine evaluation options, each with a hand/limb illustration and a waveform icon:
  - Hand ROM
  - Finger Motion Analysis (highlighted with a blue bar and a yellow callout bubble "2. Press Enter")
  - Wrist Motion Analysis
  - Comparison Hand ROM
  - Forearm / Elbow ROM
  - Elbow Motion Analysis
- Bottom Panel:** Labeled "Evaluation Info : Finger Motion Analysis".
- Footer:** Shows "User: admin admin" and "Level: Administrator".

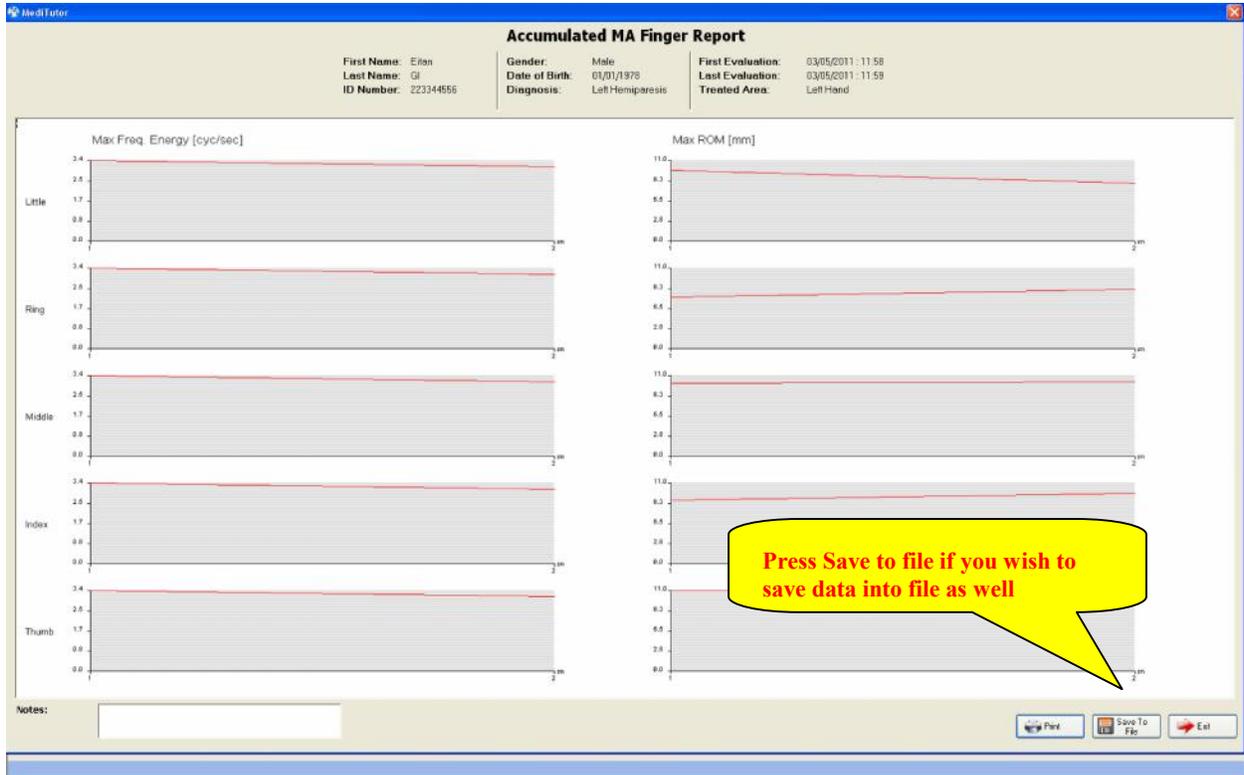


## Measurements description

The report shows an analysis of the patients finger Motion in the left hand column during the test period. The **Spectrum** column is a graphical indication of the quality of cyclical movements. The graph is a representation of the **Max Frequency Energy** which is cyclical flexion and extension movements of the fingers achieved by the patient. The active ROM is also detailed in the **Max ROM** column.



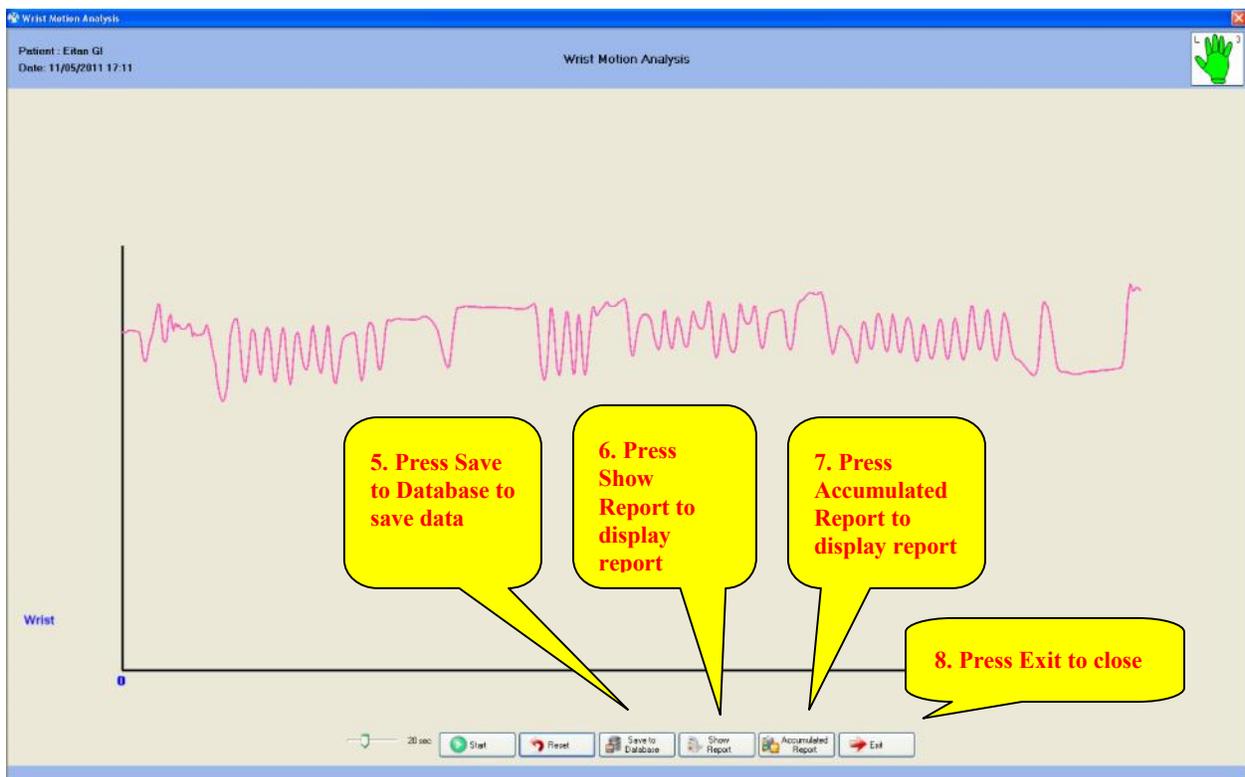
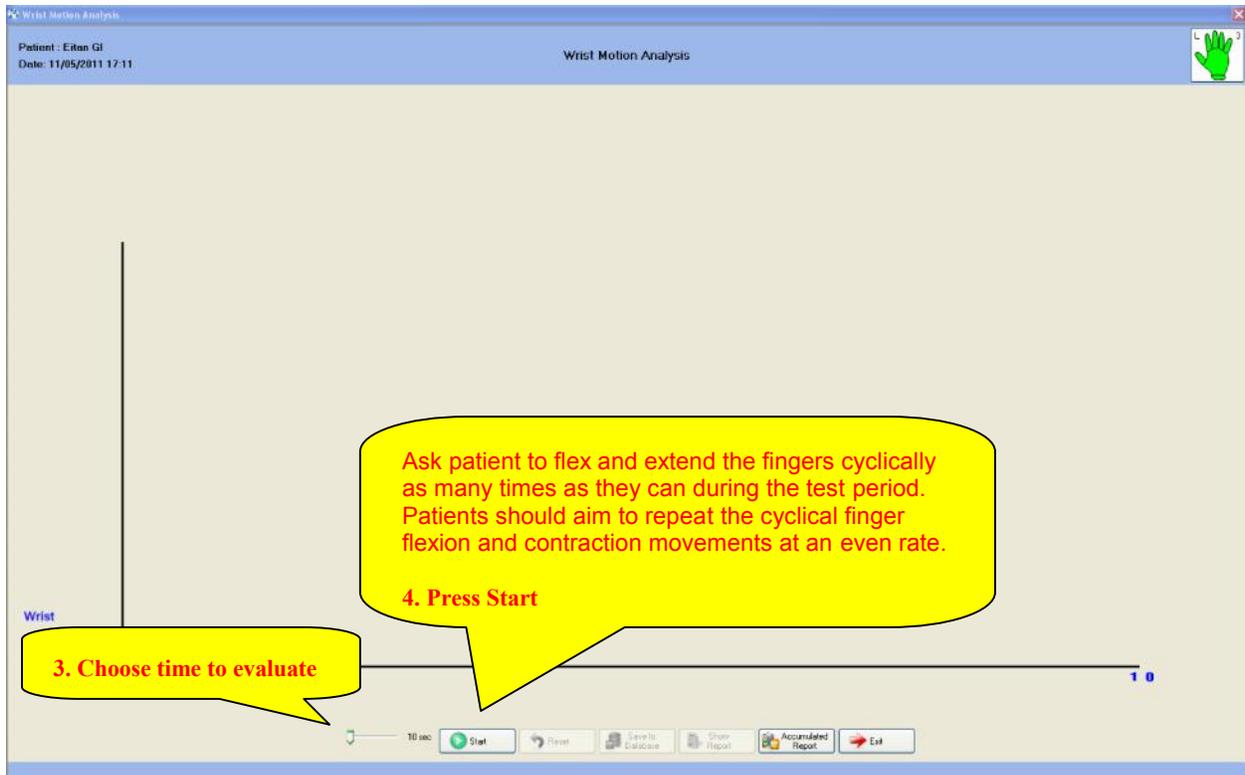
The first column shows graphs of the **Max Freq. Energy** which is a maximum cyclical velocity of the finger motion for each finger recorded at each evaluation session. The second column shows the **Max ROM** which is the maximal active ROM achieved at each evaluation session.



## Wrist Motion Analysis

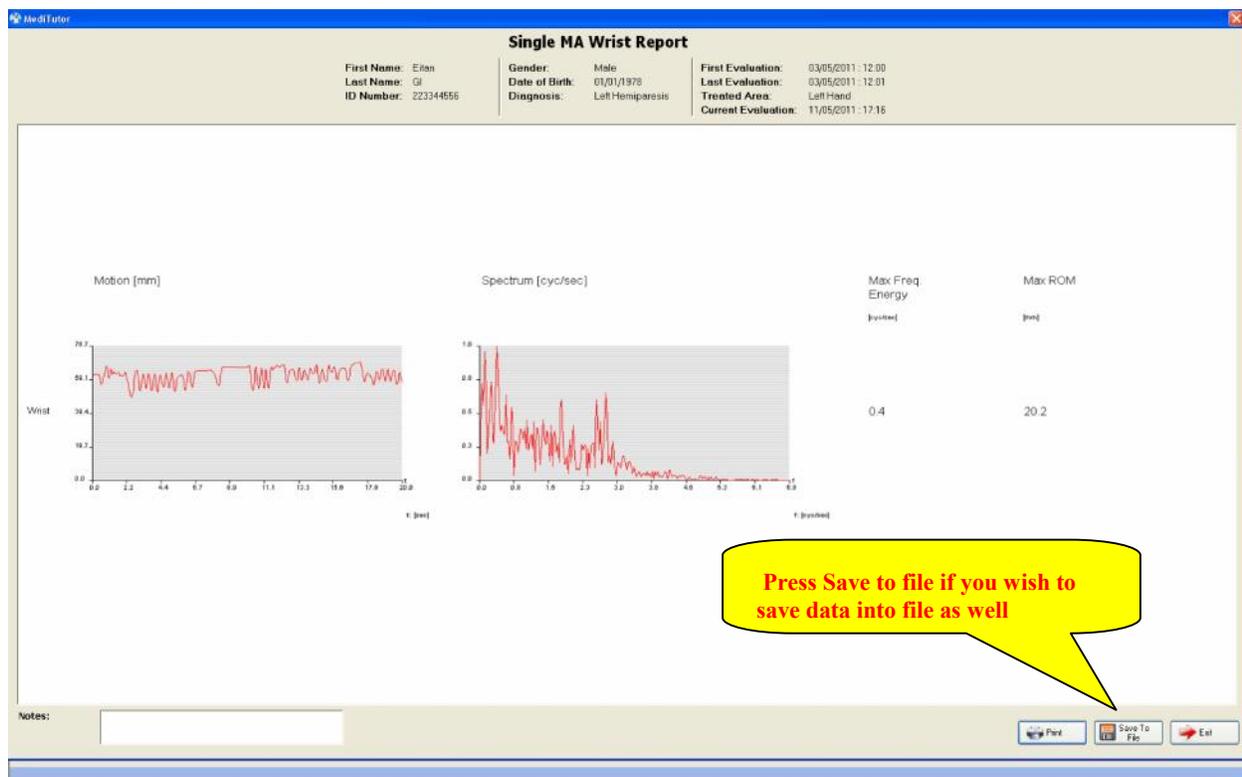
To start Wrist Motion Analysis:



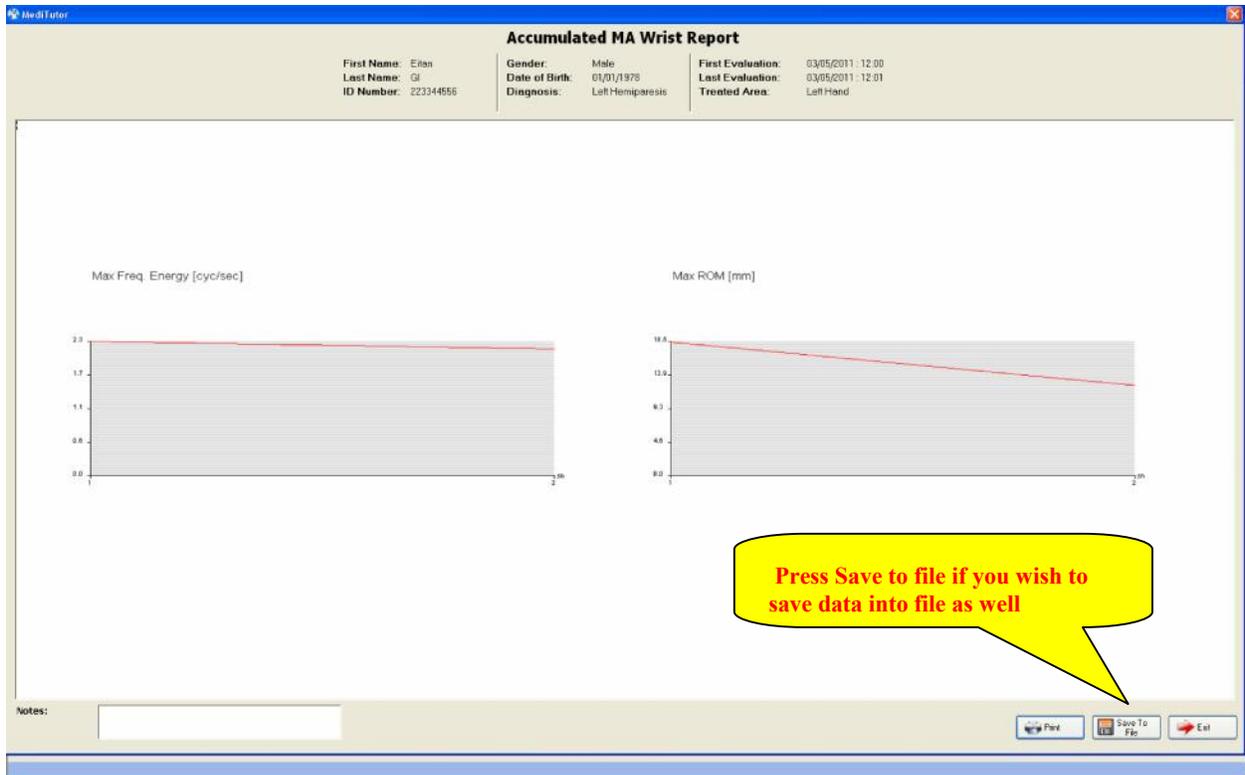


## Measurements description

The report shows an analysis of the patient's wrist **Motion** in the left hand column during the test period. The **Spectrum** column is a graphical indication of the quality of cyclical movements. The graph is a representation of the **Max Frequency Energy** which is cyclical flexion and extension movements of the wrist achieved by the patient. The active ROM is also detailed in the **Max ROM** column.



The first column shows graphs of the **Max Freq. Energy** which is a maximum cyclical velocity of the wrist motion at each evaluation session. The second column shows the **Max ROM** which is the maximal active ROM achieved at each evaluation session.



### *Comparison Hand ROM*

To start Comparison Hand ROM:

MediTutor v.4.27.3 - Standalone

1. Make sure a healthy device is connected and all segments are in green

Activities

- Treatments
- Evaluations**
- Reports

Management

- Users
- Patients
- Settings

**Evaluations** | Current Patient : **GI Eitan**

Hand ROM

Finger Motion Analysis

Wrist Motion Analysis

Comparison Hand ROM

Forearm / Elbow ROM

Elbow Motion Analysis

2. Press Enter

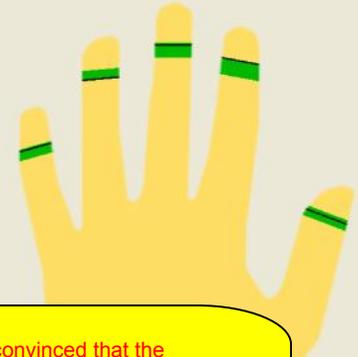
Evaluation Info :  
Comparison Hand ROM

User: admin.admir Level: Administrator

Comparison ROM Report

Patient: Eitan GI  
Date: 11/05/2011 17:24

Comparison ROM Report



	Report Data		
	Healthy Active [mm]	Affected Passive [mm]	Affected Active [mm]
Wrist	12	16	16
Little	7	12	10
Ring	5	13	10
Middle	6	8	8
Index	8	8	7
Thumb	7	4	1

3. Once the therapist is convinced that the readings taken represent the patient's active range of motion then the **Stop** button can be clicked in the bottom screen.

4. Alternatively the **Reset** button can be clicked and the therapist can repeat above steps.

Reset Stop Save to Database Show Report Exit

Comparison ROM Report

Patient: Eitan GI  
Date: 11/05/2011 17:24

Comparison ROM Report



	Report Data		
	Healthy Active [mm]	Affected Passive [mm]	Affected Active [mm]
Wrist	12	16	16
Little	7	12	10
Ring	5	13	10
Middle	6	8	8
Index	8	8	7
Thumb	7	4	1

5. Press Save to Database to save data

6. Press Show Report to display report

7. Press Exit to close

Reset Stop Save to Database Show Report Exit

## Measures description

The first column of the below report data table shows **Healthy Active ROM**. The data is recorded in mm (millimeter) and the hand image will be color in green. The second column shows Affected **Passive ROM** and the far right column show Affected **Active ROM** in order to compare.

	Active ROM Healthy [mm]	Passive Affected [mm]	Active Affected [mm]
Wrist	12	16	16
Little	7	12	10
Ring	5	13	10
Middle	6	8	8
Index	8	8	7
Thumb	7	4	1

Notes:

Print Save To File Exit

Press Save to file if you wish to save data into file as well

## Joint ROM

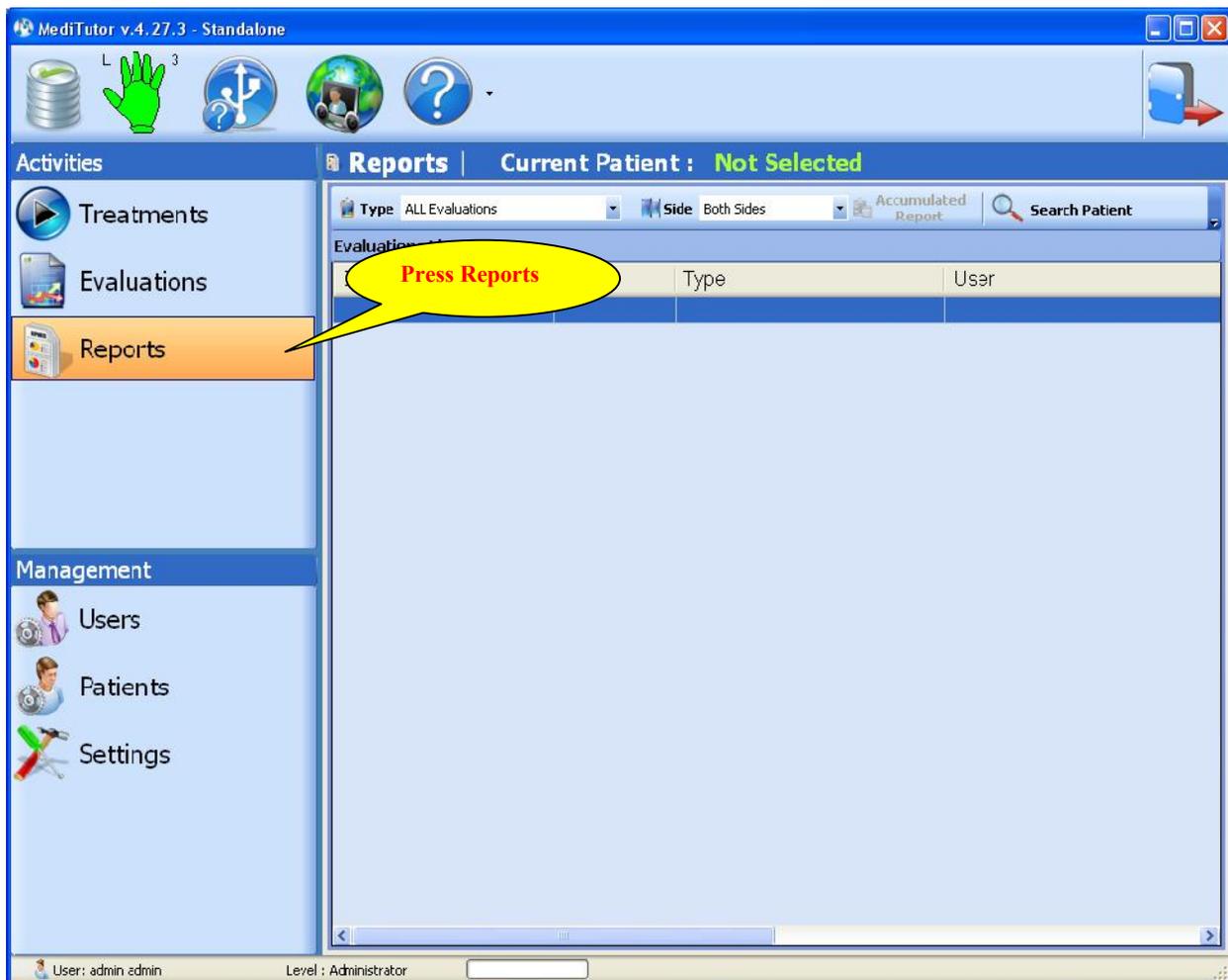
[TBD]

## Joint Motion Analysis

[TBD]

## Activities – Report

Using report patient to Evaluations list therapist can find and any record of his patients. You can sort Evaluations by type and side parameters. In addition, it is possible to delete specific evaluation. Access to the Report list is facilitated by clicking on the **Reports** button on the below menu found on the introductory software window.



The MediTutor™ software has been designed to produce the following reports:

Range of Motion report

- Single Finger motion analysis report
- Single Wrist motion analysis report
- Accumulated Range of motion report
- Accumulated Finger motion analysis report
- Accumulated Wrist motion analysis report

## Open specific Single Report

To open single report:

The screenshot shows the MediTutor v.4.27.3 - Standalone application window. The interface includes a top toolbar with icons for a hand, USB, globe, and help. A left sidebar contains 'Activities' (Treatments, Evaluations, Reports) and 'Management' (Users, Patients, Settings). The main area is titled 'Reports' and shows 'Current Patient : Not Selected'. A search patient dialog box is open, displaying a table of search results. Three yellow callout boxes provide instructions: '1. Press Search Patient' points to the 'Search Patient' button; '2. Press Search' points to the search button in the dialog; '3. Choose Patient and press double click on left button mouse' points to the first row of the search results table.

ID No.	First Name	Last Name	Address	Phone No.	Date of Birth	Description
223344556	Eitan	GI	45 Hamelaha	08-8867794	01/01/1978	
332156483	Shile	Margalit	1 Ayarkon		03/05/2011	
233456732	Willi	Smith	12 Sokolov		03/05/2011	

**Activities**

- Treatments
- Evaluations
- Reports**

**Management**

- Users
- Patients
- Settings

**Reports | Current Patient : Not Selected**

Type: ALL Evaluations | Side: Both Sides | Accumulated Report | Search Patient

**Evaluations List**

Date	Side	Type	User
------	------	------	------

**3. Press Yes**

**Warning**

! New Patient has been selected.  
Do you want to set 'Gl Ekan' as the active patient?

Yes No Cancel

**Activities**

- Treatments
- Evaluations
- Reports**

**Management**

- Users
- Patients
- Settings

**Reports | Current Patient : GI Eitan**

Type: ALL Evaluations | Side: both Sides | Accumulated Report | Search Patient

**Evaluations List**

Date	Side	Type	User
2011/05/03 11:56	Left	Range of Motion	admin
2011/05/03 11:57	Left	Range of Motion	admin
2011/05/03 11:58		Finger Motion Analysis	admin
2011/05/03 11:59	Left	Finger Motion Analysis	admin
2011/05/03 12:00			admin
2011/05/03 12:01			admin
2011/05/11 15:15			admin
2011/05/11 15:27	Left	Range of Motion	admin
2011/05/11 17:31	Right	Comparison Range of Motion	admin

**4. Choose Report and press double click on left button mouse**

MediTator

### Single ROM Report

**First Name:** Eitan  
**Last Name:** GI  
**ID Number:** 22334656

**Gender:** Male  
**Date of Birth:** 01/01/1978  
**Diagnosis:** Left Hemiparesis

**First Evolution:** 03/05/2011 11:56  
**Last Evolution:** 11/05/2011 15:27  
**Treated Area:** Left Hand  
**Current Evolution:** 03/05/2011 11:56

**Report is open**



	Active Vs Passive [mm]	Deficit Active Flexion [mm]	Deficit Active Extension [mm]
Wrist	19 / 22	1	2
Little	9 / 9	0	
Ring	5 / 6	0	1
Middle	9 / 10	1	0
Index	8 / 8	0	0
Thumb	4 / 4	0	0

untitled1.JPG  
Type: JPEG Image  
Size: 102 KB  
Dimension: 1600 x 1050 pixels

Notes:

Print Save To File Exit

## Open specific Accumulated Report

To open accumulated report:

**1. Verify Patient has been selected**

**2. Choose type Range of Motion**

**3. Choose Side**

**4. Press Accumulated Report**

Reports | Current Patient: **Gl Eitan**

Type: Range of Motion | Side: Left | Accumulated Report | Search Patient

Evaluations List

Date	Side	Type	User
2011/05/03 11:56	Left	Range of Motion	admin
2011/05/03 11:57	Left	Range of Motion	admin
2011/05/11 15:15	Left	Range of Motion	admin
2011/05/11 15:27	Left	Range of Motion	admin

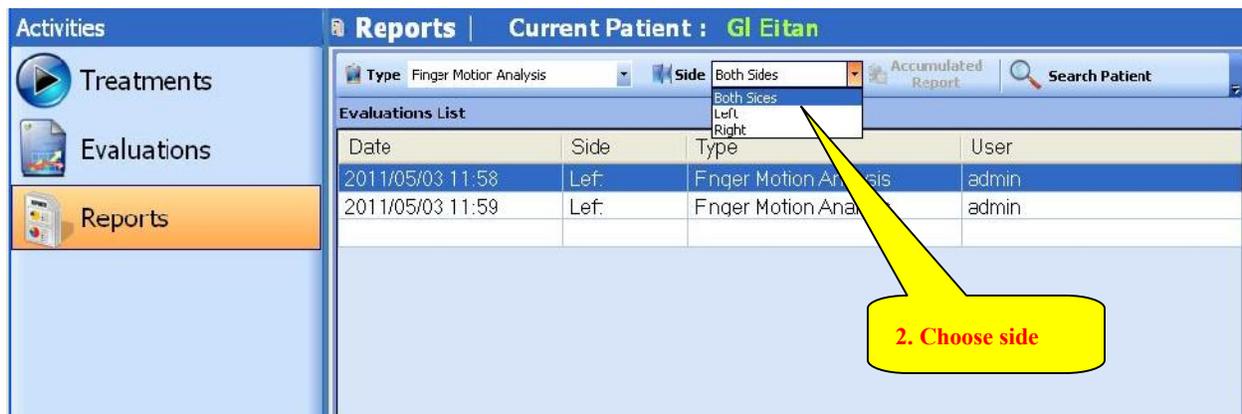
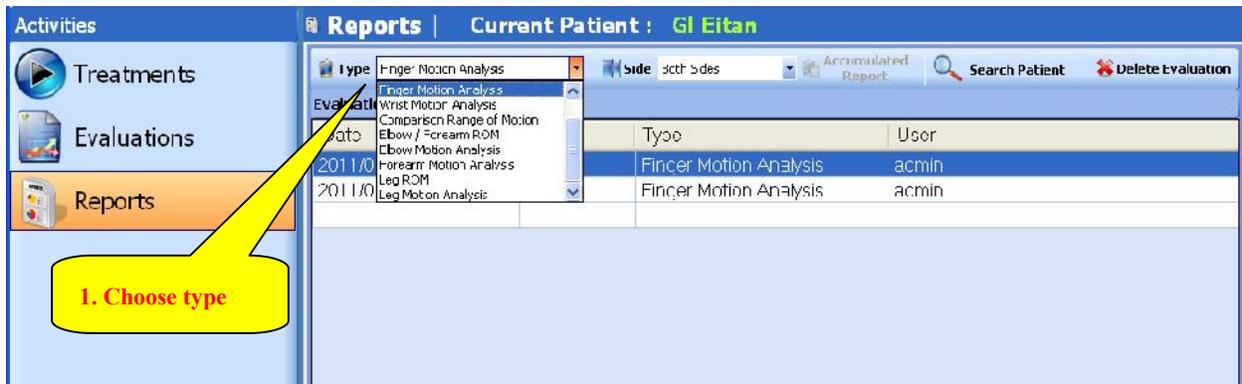
Management

- Users
- Patients
- Settings



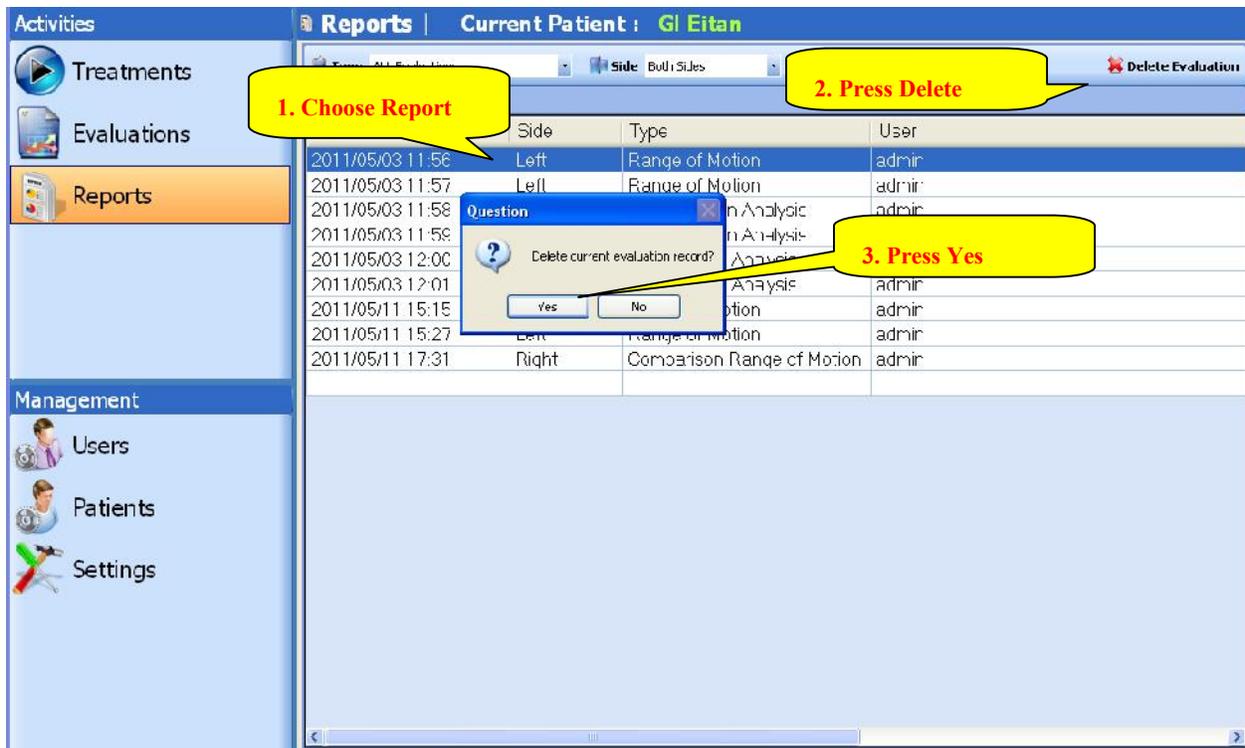
## Filter Report

To filter evaluation:



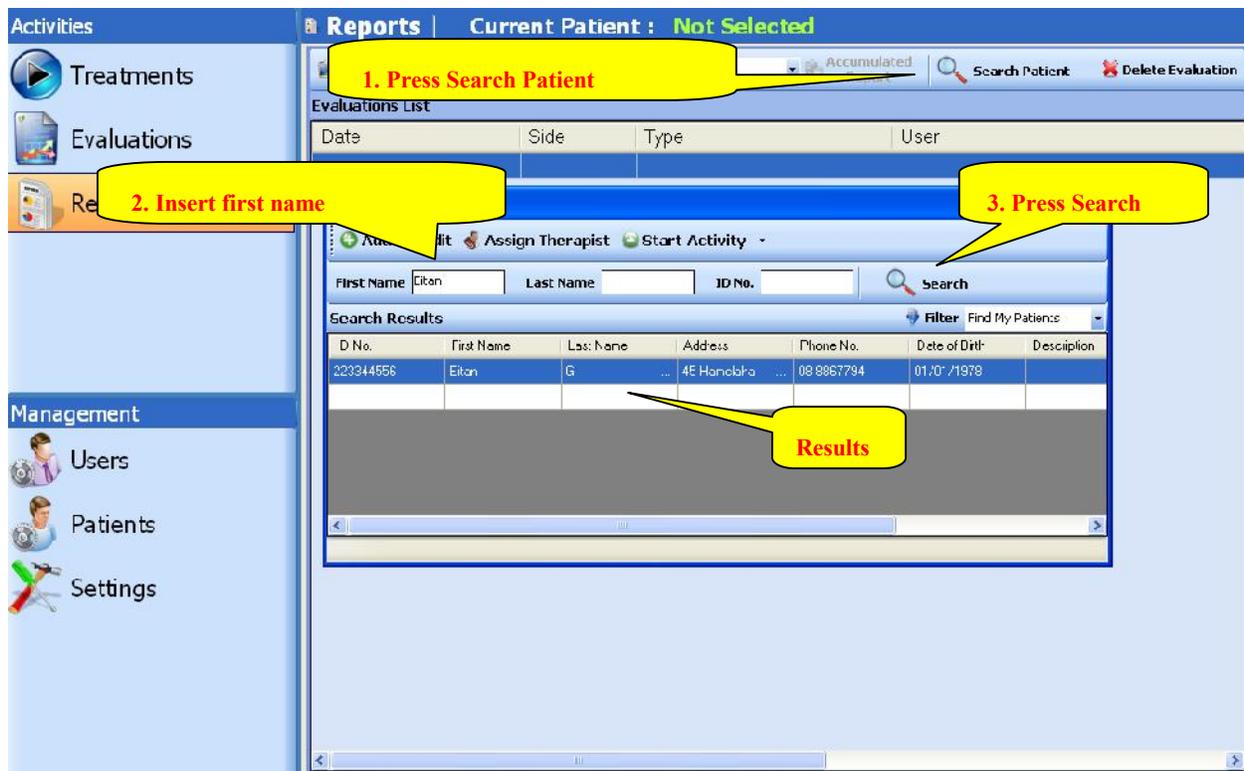
## Delete Report

To delete evaluation:



## Search Patient

To search patient:



## TROUBLESHOOTING

### Users

#### Special instructions for Error Correction

*User name already exist*



Error correction:

- 1- Insert into **User Name** field a unique user name
- 2- Fill all other mandatory details (with red star sign)

---

3- Click on **Apply** button

4- Click on **OK** button to exit **Add / Edit User** window

*You must type at least 7 characters*



Error correction:

1- Insert into **ID No.** field at least 7 characters

2- Fill all other mandatory details (with red star sign)

3- Click on **Apply** button

4- Click on **OK** button to exit **Add / Edit User** window

*Passport number already exist*



Error correction:

1- Insert into **ID No.** field a unique user name

2- Fill all other mandatory details (with red star sign)

3- Click on **Apply** button

4- Click on **OK** button to exit **Add / Edit User** window

---

## Patients

### Special instructions for Error Correction

*This patient already exist*



Error correction:

- 1- Insert into **ID No.** field a unique number
- 2- Fill all other mandatory details (with red star sign)
- 3- Click on **Apply** button
- 4- Click on **OK** button to exit **Add / Edit Patient** window

*You must type at least 7 characters*



Error correction:

- 1- Insert into **ID No.** field at least 7 characters
- 2- Fill all other mandatory details (with red star sign)
- 3- Click on **Apply** button
- 4- Click on **OK** button to exit **Add / Edit Patient** window

---

## Settings

### Special instructions for Error Correction

*Please fill in all clinic details*



Error correction:

- 1- Click on **Organization details** tab
- 2- Fill all **Clinic Details**
- 3- Click on **Save Changes** button
- 4- Exit MediTutor and log in
- 5- Continue with **License Request**

*Your License file is illegal or corrupted*



Error correction:

- 1- Click on **License Request** tab
- 2- Generate **license request** file
- 3- Send by e mail the requested file (located in C:\License) to MediTouch
- 4- Click on **Import license** tab

---

5- Click on **Browse** button

6- Open the your **Answer** file

7- Click on **Save** button

## Treatments

### Special instructions for Error Correction

*Device is not calibrated*



Error correction:

1- Click on **OK** button

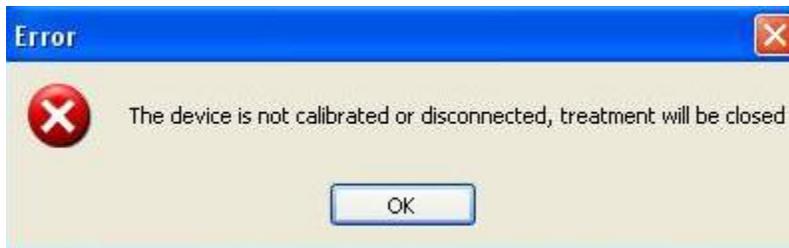
2- Calibrate your device

3- Verify all segments are in green



4- Open treatment

*The device is not calibrated or connected*



Error correction:

- 1- Click on **OK** button
- 2- Connect your device
- 3- Calibrate your glove
- 4- Verify all fingers and wrist are green color
- 5- Open treatment

## **Evaluations**

### **Special instructions for Error Correction**

*In development*

## **Reports**

### **Special instructions for Error Correction**

*In development*