

HTS2

HTS2 - Online VT

Doctor's Manual

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HTS2 - Online VT

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REGISTERING HTS2

Register your HTS2 Program by following the directions on the HTS2 Registration Card, included with your HTS2 Kit.

HTS2 Registration Card

Device Compatibility

HTS2 Online VT is designed to work on Chrome, Safari, or Silk Browsers.
Internet Explorer and Microsoft Edge are not supported but Google Chrome is a free alternative.
Please call HTS or email us if you wish to install Google Chrome and need assistance.

HTS2 Online VT will work with most Desktops, Laptops, and Tablets
(Including iPads, Androids, Chromebooks).

HTS will not work on cell phones or devices with a screen smaller than 7.5 inches in width.


Instructions for registering your HTS2 Online VT
To get started, open your browser and go to: HTS.Vision

At the Home Page, Click/Touch Continue.
On the Welcome Page, Click/Touch the Register button.
After reading the End User License Agreement,
Click/Touch on Accept at the bottom of the page to proceed.
You will be prompted for a registration code which is:

After entering the registration code, you will be prompted to create
a permanent Username and Password for login.

The Username and Password you create will be used to login in the future.

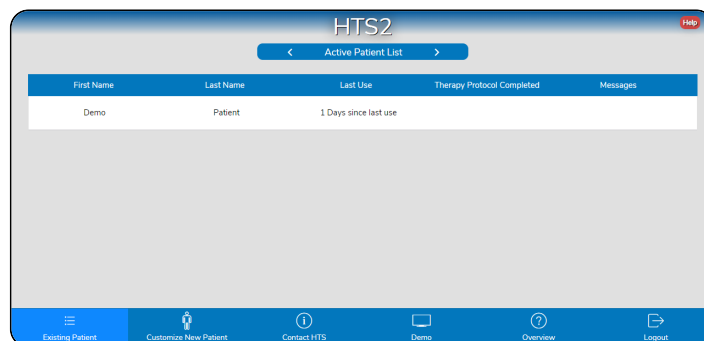
Be sure to make a record of your Username and Passcode
before clicking Continue.



Tel: 800-346-4925
Intl Tel: 480-983-0857
Email: HTS2@Homevisiontherapy.com

RUNNING HTS2

After your first login, you will see the Active Patients List.



This lists the patients that are currently registered to your account.

Initially, the Demo Patient will be the only patient available.

The Navigation Bar at the bottom of the screen allows you to: Modify the program for Existing Patients and view their progress, Customize a New Patient's program before dispensing, Contact HTS/Order Kits, Demonstrate/Practice the procedures in HTS2, and review the HTS2 operating manual from the Overview button.

You may Click the red **HELP** button in the upper right of any page to view detailed information about that page.

Dispensing HTS2 to a new Patient

An HTS2 Patient's Kit will include the following materials: HTS2 Overview Guide, which provides an overview for the patient of how HTS2 works, The HTS2 Registration Card with instructions for activating the HTS2 on the patient's devices, 1 pair of Red/Blue Glasses, 1 Flipper set if ordered for the Accommodative Rock procedure.

The HTS2 Patients program comes loaded with 100 runs. If your patient uses all 100 and you feel they need more therapy, HTS will add more runs at your direction.

HTS2 program is configured with the default Daily Therapy Protocol "Today's Assignment" which is designed to address most Convergence insufficiency cases.

The default Daily Therapy Protocol includes the following procedures:

Pursuits	Three minutes every day until criteria (80% correct, .95 second average response time) has been achieved. The speed is automatically increased when criteria has been achieved on each level. After achieving four Stars, the speed will reset and the size level will decrease. Pursuits is complete after achieving criteria four times at the smallest size (Level 3).
Saccades	Three minutes every day until criteria (80% correct, .95 second average response time) has been achieved. The size is automatically decreased when criteria has been achieved four times on a size level. Saccades is complete after achieving criteria four times at the smallest size (Level 3) and all stars have been earned.
Divergence	Seven minutes every day until > 13 Prism Diopters has been achieved on the larger target three times. Divergence is complete after > 13 Prism Diopters has been achieved on the small target six times and all stars have been earned.
Convergence	Seven minutes every day until > 35 Prism Diopters has been achieved on the larger target three times. Convergence is complete after > 35 Prism Diopters has been achieved on the small target six times and all stars have been earned.
Jump Ductions	Requires Convergence and Divergence to be complete. Seven minutes every day until > 13 Prism Diopters Divergence and > 35 Prism Diopters Convergence have been achieved on the larger target seven times. Jump Ductions is complete after > 13 Prism Diopters Divergence and > 35 Prism Diopters Convergence have been achieved on the small target eight times and all stars have been earned.
Jump Random	Requires Jump Ductions to be complete. Seven minutes every day until > 80 Percent Correct Convergence and Divergence have been achieved on the larger target seven times. Jump Random is complete after > 80 Percent Correct Convergence and Divergence have been achieved on the small target eight times and all stars have been earned.
Accommodative Rock	Five minutes every day. A Star is earned when the patient achieves Average Cycles per Minute is > 13 and 80% Correct each eye. Flippers 1-5 require 2 Stars for each level, starting at flipper 1. The first level of each flipper will always display four targets, while the second will display one. Accommodative Rock is complete when eight Stars have been earned for Flipper level six (+2.50/-5.00) and all stars have been earned.

Each procedure has preset goals. When the patient achieves the goal for a procedure during a therapy session, they will earn a "Star" for that procedure. When all the "Stars" for a procedure have been earned, it will drop out of the Today's Assignment.

When Divergence and Convergence have been mastered, they each will drop out of Today's Assignment and be replaced by Jump Ductions. When Jump Ductions has been mastered, it will drop out and be replaced by Jump Ductions Random.

When all the procedures have been mastered, you will receive a message that your patient has mastered the default Daily Therapy Protocol.

At that time you may instruct the patient to terminate therapy or if you wish, change select procedures to the Maintenance Mode so that they may continue therapy.

The default Daily Therapy Protocol may be modified either before or after dispensing by adding or removing procedures and changing settings and goals depending upon the severity of the case. The exercises you choose to include will be automatically presented in the Daily Therapy Protocol. They will continue until their assigned goals have been achieved. If you wish an exercise to be assigned with no endpoint but still be presented in the Daily Therapy Protocol, select Customize New Patient, choose that exercise, click Edit Settings then select Maintenance.

When using HTS2 as an adjunct to in-office or maintenance therapy or when dealing with unique problems, the Maintenance Mode may be used for selected Therapy Protocols.


To have your patient use the HTS2 with the default Daily Therapy Protocol, simply dispense the HTS2 Kit as provided by HTS. They will follow the steps provided on the Registration Card to get started. They will be provided with operating instructions while using the HTS2 program and will see tutorials regarding each procedure.

Active Patients List Page


On this page, if you wish, view your patients and their status at a glance. You may view messages from your patient, their scores, and other details by Clicking a patients name in the list.

To View Your Patients

When a patient has registered their HTS2, they will automatically appear in the active patient list.

First Name	Last Name	Last Use	Therapy Protocol Complete	Messages
Demo	Patient	1 Days since Last Use		
James	Brown	5 Days since Last Use		
Sophia	Garcia	1 Days since Last Use		
Emma	Smith	2 Days since Last Use		
Ben	Wilson	1 Days since Last Use		

You may Click the First Name or Last Name column to sort from A-Z or Z-A.

First Name	Last Name	Last Use	Therapy Protocol Complete	Messages
Demo	Patient	1 Days since Last Use		
Ben	Wilson	1 Days since Last Use		
Emma	Smith	2 Days since Last Use		
James	Brown	5 Days since Last Use		
Sophia	Garcia	1 Days since Last Use		

Days Since Last Use displays the last time the patient used the program.

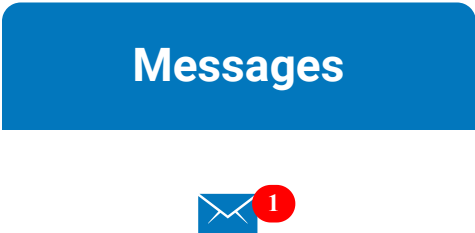
Last Use

1 Days Since Last Use

If a patient has completed their entire Therapy Protocol a green check mark will be displayed under the "Therapy Protocol Completed" column.



An unread message from your patient is denoted by the mail icon. If you have multiple unread messages, a number will be displayed on the icon.



You may Click the "Active Patients List" button at the top of the screen to switch between your Active and Inactive Patients.



To manage existing patients, Click on either their First or Last name.

First Name	Last Name	Last Use	Therapy Protocol Complete	Messages
Demo	Patient	1 Days since Last Use		
Ben	Wilson	5 Days since Last Use		
Emma	Smith	1 Days since Last Use		
James	Brown	2 Days since Last Use		
Sophia	Garcia	1 Days since Last Use		

Managing your Existing Patients

If you wish to modify a patient's program or view their scores/progress, Click on their name from the Active Patients list, to display the Patient Management Page.

The screenshot shows the HTS2 Patient Management Page for a patient named 'Demo, Hts2'. The page has a blue header with the 'HTS2' logo and a red 'Help' button. On the left, there is a sidebar with a '< Back' button and three main sections: 'Demo, Hts2' (containing 'Modify Programming', 'Performance Review', and 'Move to Inactive Patient List' buttons), 'Patient Notes' (with a text input field and a 'Save Note' button), and 'Send message to Demo, Hts2' (with a text input field and a 'Send Message' button). The right sidebar shows 'Unread Messages from Demo, Hts2' with a 'No New Messages Available' status.

Click the red **HELP** button at the top of any of these page for detailed information.

On this page, you may make Programming modifications to the default Daily Therapy Protocol. Patient's scores may be accessed from the Performance Review button. Move patients from the Active to the Inactive Patient list. You may exchange messages with your patient and record data for the patient's record.

To Manage Your Patients

To Modify Procedure Parameters, click the Modify Programming button.

Modify Programming

To View Patient Performance data and progress, click the Performance Review button.

Performance Review

To archive an active patient, click Move to Inactive Patient List. Conversely, you may unarchive a patient by touching the Move to Active Patient List button.

Move to Active Patient
List

Modify Existing Patient's Procedures & Protocol

If the HTS2 program has already been dispensed and you wish to modify their programming, you may do so on this page.

To modify the Daily Therapy Protocol

A procedure and its settings are displayed as a white card.

☒

Convergence

Assigned

About Convergence

Procedure Completed

Maintenance

Diopters:

35

Duration:

7

Response Timeout:

10

Reset Stars

★

Edit Settings

⚙

For more details on a procedure, click on **About ...** link to see the operating instructions for the procedure.

About Convergence

A blue checkbox next to a procedure's name denotes if it is assigned to the Daily Therapy Protocol. Click the checkbox to add or remove a procedure from the Protocol.

☒

Convergence

Assigned

About Convergence

Procedure Completed

Maintenance

Diopters:

35

Duration:

7

Response Timeout:

10

Reset Stars

★

Edit Settings

⚙

To edit any procedure's settings, click Edit Settings.



Click the - or + buttons to change criteria and goal settings.

Click the checkbox to enable or disable additional features.

Click the ? to see additional information about features and settings.

Close X

Convergence

Done ✓

<div><div>-</div><div>35</div><div>+</div></div>	Diopters	<div>?</div>
<div><div>-</div><div>8</div><div>+</div></div>	Duration	<div>?</div>
<div><div>-</div><div>10</div><div>+</div></div>	Response Timeout	<div>?</div>
	<div><input type="checkbox"/></div> Maintenance	<div>?</div>
	<div><input type="checkbox"/></div> Auditory Distractors	<div>?</div>

Click Done ✓ when satisfied with your selections.

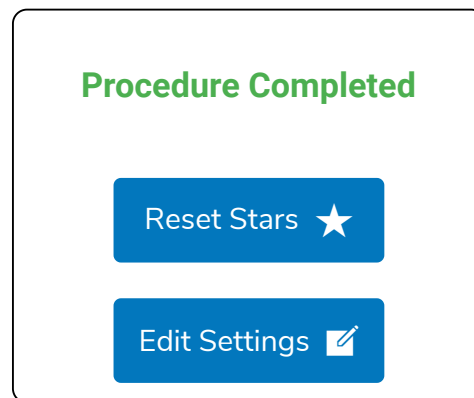
Done ✓

Then click Save Changes.



While editing settings

A procedure that has all its Stars earned and is no longer assigned to the Daily Therapy Protocol will display Procedure Complete.



You may reset the Stars for a procedure in order to reinsert that procedure in the Daily Therapy Protocol if all the stars have already been earned. Selecting Reset Stars will erase all the earned stars and reassign that procedure to the Daily Therapy Protocol until all the stars have again been earned.



If you wish to have your patient continue a procedure after earning all the Stars, select Maintenance On. The procedure then will present in the Daily Assignment until you disable the procedure by clicking the blue checkbox that it reads Maintenance Off.

☐ Maintenance Mode On

Performance Overview Page

This page displays the patient's progress and compliance at a glance. Click any procedure name for more detailed results of that procedure.

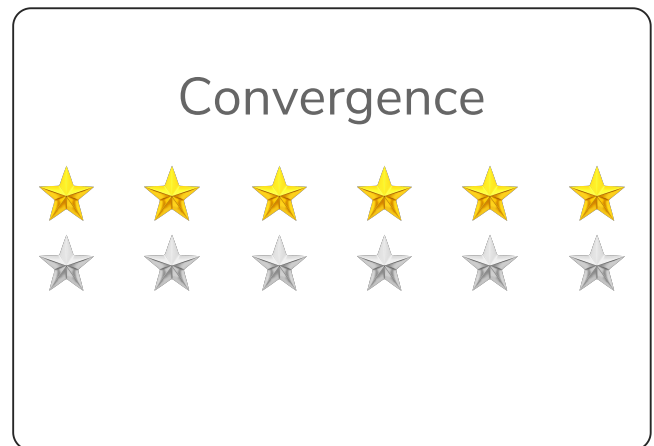
Using the Calendar

The Calendar may be used to quickly assess your patient's compliance. Dates that the entire daily assignment has been completed will be highlighted in Green. Dates that the daily assignment is only partially completed, will be highlighted in yellow. Dates when no procedures or at least one procedure has not been completed to the assigned time, will be highlighted in white.

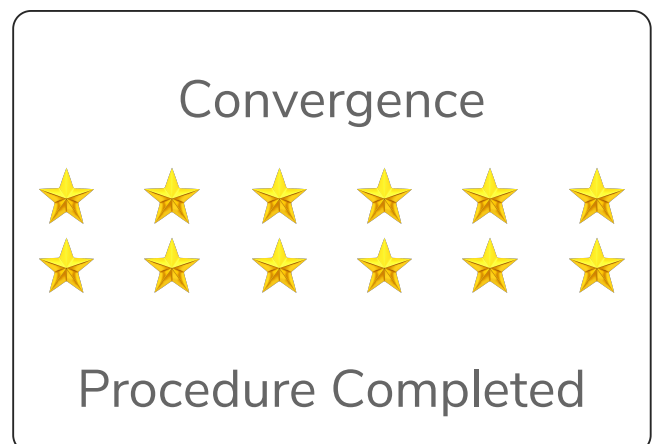
2019 - June						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	1	2	3	4	5	6

Viewing Performance

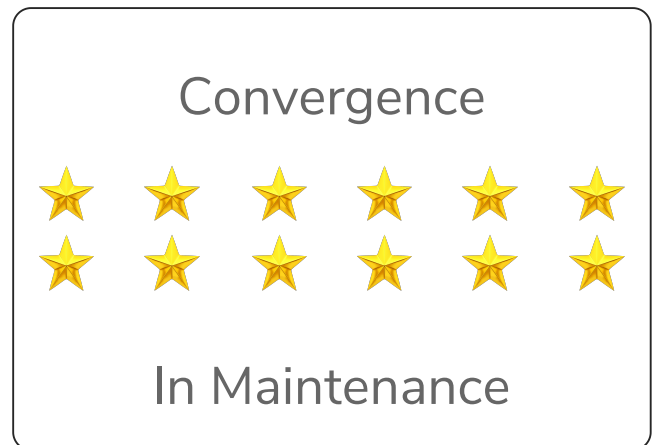
Each procedure is displayed with a white card that shows Stars earned and procedure status. Click on this white card to view the patient's scores, which are displayed as a line graph and data table.



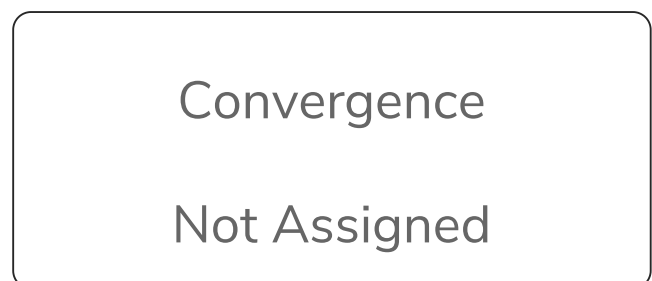
Once all Stars for a procedure have been earned, a Procedure Completed message will be displayed below the Stars and that procedure will no longer appear in the Daily Therapy Protocol.



A procedure in Maintenance mode will display In Maintenance. The procedure will continue in the Daily Assignment until the doctor removes it.



Unassigned procedures will be labeled Not Assigned.



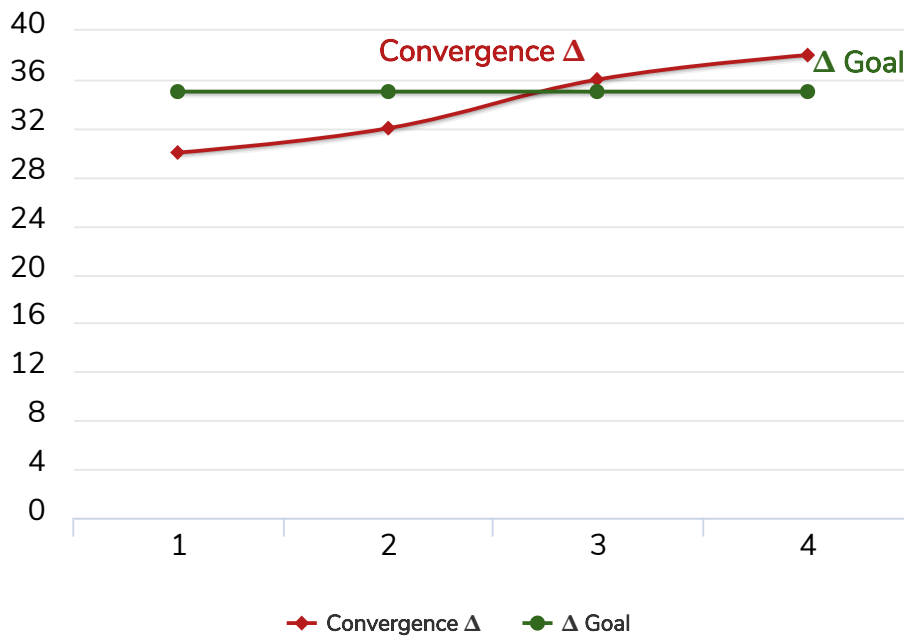
Procedure Performance Page

To view scores

Click on any assigned procedure.

Scores for the Procedure will be displayed in the line graph.

Convergence



The Stars earned for meeting criteria for a procedure are displayed. Gold Stars are earned while grey Stars are not yet earned.

Stars Achieved



Click Show Scores to see the numeric data.

Show Scores

Each data point and settings for a given procedure are displayed and separated by columns. The MODE column will display the mode the Procedure was ran under and any options that are selectable by the patient. Additionally, the Duration will be displayed in red (01:23) if the patient exited the procedure before the full Assigned Duration.

Auto	Procedure ran in the Auto Mode.
Maintenance	Procedure ran in the Maintenance Mode.
S	Vergence Procedure Spaceship option.
C	Vergence Procedure Clicker option.
FF/S	Vergence Procedure Flat Fusion Stereo setting.
FF/NS	Vergence Procedure Flat Fusion Non-Stereo setting.
D	Procedure ran with Distractors enabled.
ML	Pursuits/Saccades ran with MFBF Left Eye.
MR	Pursuits/Saccades ran with MFBF Right Eye.

The default date range reflects the last 30 days. To change this date range, select Set Date Range and select your desired dates. Scroll up and down with your mouse wheel, up/down arrow keys, or scroll up and down with your finger on a tablet to move the calendar dates.

[Set Date Range](#)

Click Reset Date Range to return to the current 30 days range.

[Reset Date Range](#)

Click the blue Print icon in the upper right to print the scores. The printout will include the line graph and the numeric table of scores.



Contacting Your Patients

To send a message

Click on the patient's name from the Active Patient List.

First Name	Last Name	Last Use	Therapy Protocol Complete	Messages
Demo	Patient	1 Days since Last Use		
Ben	Wilson	5 Days since Last Use		1
Emma	Smith	1 Days since Last Use	✓	3
James	Brown	2 Days since Last Use		
Sophia	Garcia	1 Days since Last Use		

Click on the message box and type a message.

Send message to John Smith

Click here to begin typing ...

Send Message

Click "Send Message" when complete.

Send Message

On the confirmation prompt, Click "Send" to send the message. You may Click "Do Not Send" if you wish to cancel.

Confirm Send Message

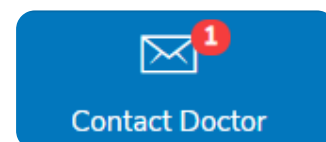
Are you sure you want to send this message?

[Do Not Send](#)[Send](#)

A black notification box will appear at the top that verifies the message was successfully sent.

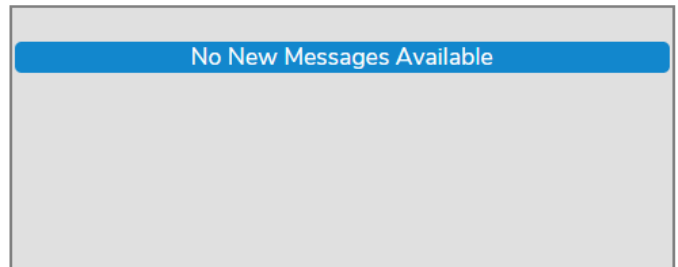
Message sent successfully

Your patient will see a red dot in the Contact Doctor button alerting them that a message has been received. The red dot will disappear once the message has been read.

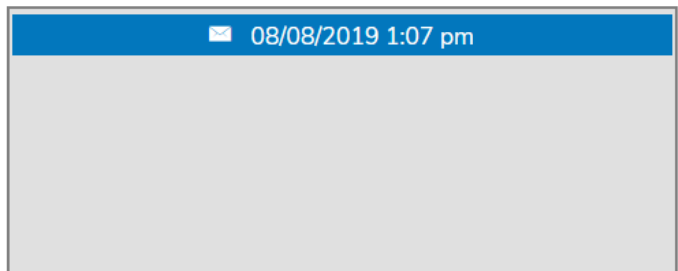


To View Messages

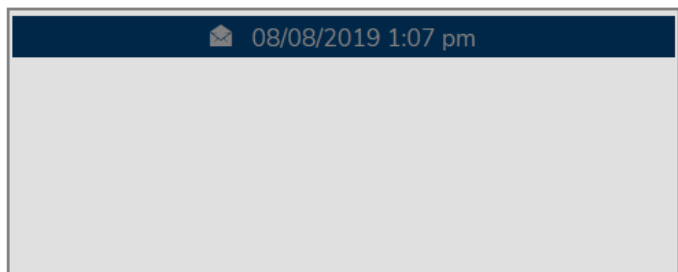
If you have no new messages, you will see a "No New Messages Available" message in the messages box.



Unread messages are light blue. Click on that message to open it.



Read messages are dark blue.



Your patient's message will appear in the center of the mail window.

 Close

Sent: 08/08/2019 1:07 pm

Doctor Smith,

My scores are improving. Are you satisfied with my progress?

Click the blue "Close" to close the message.
The message will be marked as Read and
may also be viewed again later.

 Close

To Record Notes for a Patient

Click on the Patient Notes message box and type your message.

Record Notes

Click here to begin typing ...

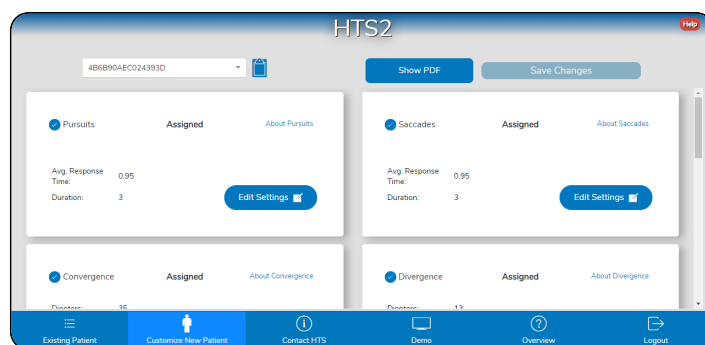
Save Note

When satisfied with your notes, Click "Save Note". Your notes will remain until removed or replaced.

Save Note

Customize New Patient's Program

If you wish to modify the programming of your patient PRIOR to dispensing the HTS2, Click the Customize New Patient button from the blue Navigation Bar at the bottom of the Active Patient List.



Click the red **HELP** button in the upper right of this page to view detailed instructions on procedure settings and modifications.

Modify New Patients Procedures

If the HTS2 program has not been dispensed and you wish to modify the default therapy protocol, you may do so on this page.

To select an HTS2 kit to edit

Each HTS2 Kit will contain a Registration Card. The card will contain the Registration Code for this kit.

HTS2 Registration Card

Device Compatibility

HTS2 Online VT is designed to work on Chrome, Safari, or Silk Browsers.
Internet Explorer and Microsoft Edge are not supported but Google Chrome is a free alternative.

Please call HTS or email us if you wish to install Google Chrome and need assistance.

HTS2 Online VT will work with most Desktops, Laptops, and Tablets
(Including iPads, Androids, Chromebooks).

HTS will not work on cell phones or devices with a screen smaller than 7.5 inches in width.


Instructions for registering your HTS2 Online VT
To get started, open your browser and go to: HTS.Vision

At the Home Page, Click/Touch Continue.
On the Welcome Page, Click/Touch the Register button.
After reading the End User License Agreement,
Click/Touch on Accept at the bottom of the page to proceed.
You will be prompted for a registration code which is:

After entering the registration code, you will be prompted to create
a permanent Username and Password for login.

The Username and Password you create will be used to login in the future.

Be sure to make a record of your Username and Passcode
before clicking Continue.




Tel: 800-346-4925
Intl Tel: 480-983-0857
Email: HTS2@Homevisiontherapy.com

Locate this code from the drop down box.
Click on this code to select it.

4B6B90AEC024393D

▼



To modify the default Daily Therapy Protocol or Procedure settings before dispensing

A procedure and its settings are displayed as a white card.

☒

Convergence

Assigned

About Convergence

Procedure Completed

Maintenance

Diopters:

35

Duration:

7

Response Timeout:

10

Reset Stars

Edit Settings

For more details on a procedure, click on **About ...** link to see the operating instructions for the procedure.

About Convergence

A blue checkbox next to a procedure's name denotes if it is assigned to the Daily Therapy Protocol. Click the checkbox to add or remove a procedure from the Protocol.

☒

Convergence

Assigned

About Convergence

Procedure Completed

Maintenance

Diopters:

35

Duration:

7

Response Timeout:

10

Reset Stars


Edit Settings

To edit any procedure's settings, click Edit Settings.

Edit Settings

Click the - or + buttons to change criteria and goal settings.

Click the checkbox to enable or disable additional features.

Click the  to see additional information about features and settings.

Close X

Convergence

Done ✓

-

35

+

-

8

+


-

10

+


☐

Diopters




☐

Duration




☐

Response Timeout




☐

Maintenance



☐

Auditory Distractors



Click Done ✓ when satisfied with your selections.

Done ✓

Then click Save Changes.

Save Changes

Contacting HTS

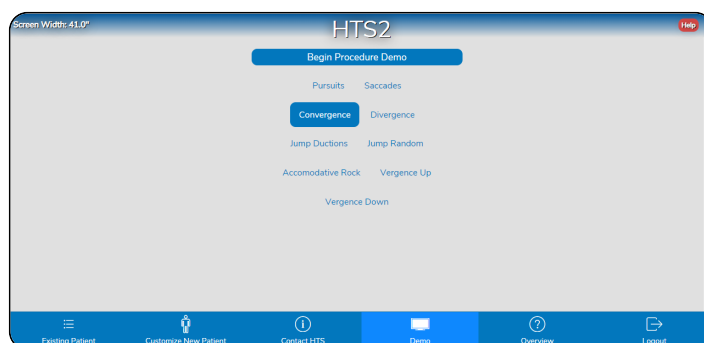
Click the Contact HTS button from the blue Navigation bar at the bottom of the Active Patient List page. On this page, HTS current operating hours and contact information is displayed. If you cannot call, you may send HTS an email message from this page. You may also re-order HTS2 Kits.

The screenshot displays the HTS2 web application interface. At the top, the title "HTS2" is centered, and a red "Help" button is in the upper right corner. The main content area is divided into two columns. The left column contains a form with the following fields: "First Name" (with "Doctor" as a placeholder), "Last Name" (with "Smith" as a placeholder), "Username" (with "DocUsername" as a placeholder), "Email" (with "Hts2@Homevisiontherapy.Com" as a placeholder), and "Phone" (with "800 - 346 - 4925" as a placeholder). The right column contains two white boxes. The top box is titled "Order Patient Kits and Equipment" and has a blue "Submit Order" button. The bottom box is titled "Contact HTS" and contains contact information: "Address: 6756 S. Kings Ranch Rd. Ste 102, Gold Canyon, AZ 85118", "Phone #: 1-800-346-4925, 1-480-983-0857", "Fax: 1-480-983-6005", and "Office Hours: Mon - Fri 8:00 AM - 4:30 PM (Your Time)". Below this information is a text input field with the placeholder "Click here to send message to HTS ..." and a blue "Send Message" button. At the bottom, a blue navigation bar contains six icons and labels: "Existing Patient", "Customize New Patient", "Contact HTS" (which is highlighted), "Demo", "Overview", and "Logout".

Click the red **HELP** button in the upper right for detailed information.

Demonstrating HTS2

To Demonstrate/Practice any HTS2 procedures, Click the Demo button from the blue Navigation Bar at the bottom of the Active Patient List page.



Click the **HELP** button for detailed instructions.

Select any procedure by Clicking on the procedure's name. Click Begin Procedure Demo to start the demo.

The screenshot shows a software interface titled "Convergence". At the top, it says "Duration: 4". Below this, there are two sections: "Choose Mode" and "Target Size". The "Choose Mode" section has three buttons: "Classic" (selected), "Clicker", and "Spaceship". The "Target Size" section has two buttons: "Large" (selected) and "Small". To the right of these sections is a grey box containing several options, each with a radio button: "Auditory Distractors", "Flat Fusion Stereo", "Flat Fusion Non-Stereo", "Horizontal Offset", and "Vertical Offset". The "Horizontal Offset" and "Vertical Offset" options have input fields with the value "0" and arrows for adjustment. At the bottom of the interface, there are three buttons: "Back", "Help" (highlighted in red), and "Begin". Below the main content area, it says "Viewing Inches: 16.0 inches".

You may Click the red **HELP** button at the bottom of each procedure page for detailed instructions.

The options in the Grey box in the upper right hand corner are options that are deselected in the default Daily Therapy Protocol. You may turn them on or off to demonstrate/practice.

All demo procedures are set to run for 4 minutes. You may press escape if you wish to exit early.

