THE ULTIMATE SETUP AND USAGE GUIDE FOR YOUR NEW MEDRAY LASER

PLEAE READ THIS MANUAL IN ITS ENTIRETY BEFORE SETTING UP, USING, AND TREATING PATIENTS WITH YOUR MEDRAY LASER.

MEDRAY
LASER & TECHNOLOGY

573-745-1086

info@medraylaser.com www.medraylaser.com

YOUR MEDRAY LASER IS MANUFACTURED UNDER THE STRICTEST OF REGULATIONS AND COMPLIES WITH FDA REQUIREMENTS FOR CLASS IV LASER.

MEDRAY LASERS CANNOT BE MADE TO BE CHILDPROOF.

NEVER LEAVE A CHILD UNATTENDED WITH YOUR MEDRAY LASER. TURN THE LASER OFF AND OR REMOVE THE INTERLOCK FROM THE BACK OF THE UNIT TO PREVENT UNWANTED USE.

MEDRAY OPERATING CODES

HUMAN ATTENDED: 1234

USE SWITCHING SYSTEM TO GO TO:

HUMAN S.T.A.R. UNATTENDED: XXXX

THE S.T.A.R. UNATTENDED CODE WILL BE PROVIDED SEPARATELY

USE SWITCHING SYSTEM TO GO BACK TO HUMAN ATTENDED AND ENTER CODE 1234

IMPORTANT NOTICE

IF YOU ARE TREATING PATIENTS WITH TATTOOS, USING EITHER ATTENDED OR UNATTENDED LASER THERAPY, BE EXTREMELY CAREFUL, AS THE METAL IN THE INK ABSORBS THE LASER ENERGY QUICKLY AND HEATS UP RAPIDLY AND MAY CAUSE A BURN OR BLISTER. EVERY LASER MANUFACTURER HAS THIS SAME CONCERN.

IT IS SUGGESTED THAT YOU DO NOT TREAT DIRECTLY OVER TATTOOS, BUT AROUND THE TATTOO OR AVOID THEM COMPLETELY THIS WILL PREVENT ANY COMPLICATIONS.

IMPORTANT UPGRADES TO YOUR MEDRAY LASER

1. **YOUR NEW MEDRAY LASER NOW COMES WITH THE EMITTER CABLE PRE ATTACHED TO THE MEDRAY BASE UNIT. DO NOT TRY TO REMOVE IT AS IT IS AFIXED AT THE FACTORY IN ORDER TO PREVENT LASER DIODE CONTAMINATION. IF YOU EVER NEED THE EMITTER REMOVED FROM THE BASE UNIT, PLEASE CALL MEDRAY LASER & TECHNOLOGY AT 573-745-1086 OR EMAIL US AT: info@medraylaser.com**

2. **PLEASE NOTE: There is no footswitch as stated in the manual. That feature has been discontinued and all controls have been updated and are done through the emitter on-off button.**

3. **With your Medray purchase comes a free 30 day membership to *The Laser Masters,* (thelasermasters.com) 888-290-9921 and simply tell them you purchased a new Medray Laser and would like the free 30 day trial. *The Laser Masters* will show you how to get the MAXIMUM number of patients and income from your new Medray Laser.**

4. **MEDRAY OPERATING CODES**
   HUMAN ATTENDED: 1234
   USE SWITCHING SYSTEM TO GO TO:
   HUMAN S.T.A.R. UNATTENDED: XXXX
   S.T.A.R. SHOULD ONLY BE USED WITH THE COMPLETE OPTIONAL S.T.A.R. SYSTEM
   USE SWITCHING SYSTEM TO GO BACK TO HUMAN ATTENDED AND ENTER CODE

5. **Please read all of the enclosed materials before using your MEDRAY QUAD or MEDRAY DUAL laser. If you have any questions, please call us at 573-745-1086 or email us at: info@medraylaser.com**

6. **PLEASE MAKE SURE YOUR MEDRAY LASER IS AT ROOM TEMPERATURE BEFORE PLUGGING IN AND TURNING THE POWER ON**

7. **Please go to: medraylaser.com Go to education. The drop down allows you to download marketing and promo items as well as advanced laser training information. The website also is loaded with other good laser information.**

8. **Your Medray laser also comes with a complete training and certification course and this is a $1,000 value. Just follow the instructions in the email.**

PLEASE WEAR LASER GOGGLES AT ALL TIMES WHEN LASER IS IN USE. BOTH ATTENDED AND NON

***KEEP LASER MOVING AT ALL TIMES IF DOING ATTENDED THERAPY*. DO NOT STAY ON ONE SPOT WHILE DOING ATTENDED THERAPY WITH LASER EMITTING.**

QUICK START INSTRUCTIONS FOR THE MEDRAY QUAD OR MEDRAY DUAL HANDS FREE LASER.

PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS, WARNINGS, AND CONTRAINDICATIONS BEFORE USING YOUR MEDRAY LASER. READ CLOSELY THE INSTRUCTIONS INCLUDED WITH YOUR MEDRAY CART AND HOW TO GET THE BEST RESULTS FROM YOUR MEDRAY LASER.

***THE MEDRAY S.T.A.R. SYSTEM PROTOCOLS ARE NON EDITABLE.* THESE PROTOCOLS WERE DESIGNED FOR MAXIMUM TREATMENT RESPONSE AND PATIENT COMFORT.**

PLEASE REMEMBER TO REMOVE PLASTIC CAP OVER EMITTER AND PRIME OPTICAL HEADPIECE BEFORE TURNING ON LASER.

1. **Carefully unpack all components of your Medray Laser.**
2. **Plug in the interlock into the back of the Medray Laser. (most units may have this done already)**
3. **Plug the power supply into the back of the Medray Laser. Make sure you do not bend the small prongs on the plug in.**
4. **Plug the power supply into a grounded 110v wall outlet**
5. **Turn on the Medray laser. The on switch is on the back of the laser.**
6. **On the opening screen, type in 1234 for attended therapy. If you have purchased the S.T.A.R. Package (hands-free) a special code for accessing the S.T.A.R. software will be sent to you.**
7. **This code (1234) takes you to the Medray Laser attended treatment screen.**
8. **Press any body part. The Medray Laser will set up the treatment automatically for you.**
9. **NOTE: You cannot edit the unattended S.T.A.R. software. These settings were designed for maximum patient comfort and response.**
10. **For Unattended Treatment - Please make sure the OPTICAL HEADPIECE is attached to the emitter body. NEVER treat hands-free with anything but the round OPTICAL HEADPIECE.**
11. **For Unattended Treatment - After inserting the emitter into the flex arm emitter holder, position the OPTICAL HEADPIECE on or close to the body part chosen. 1" from the skin works well.**
12. **Make sure everyone is wearing protective eyewear.**
13. **Press standby and press the button on the emitter handle to start emitting for attended therapy.**
14. **For Unattended Treatment - Press the wireless stop switch (INSTRUCTIONS ENCLOSED) which will turn emission on. Give the wireless stop switch to patient so they can stop treatment at any time.**
15. **If a patient complains the treatment is too warm, simply move the optical headpiece further from the skin.**
16. **Patients with darker skin or tattoos may require the OPTICAL HEADPIECE be moved 1" or more from the skin do to the ink and altered melatonin. Moving the OPTICAL HEADPIECE 1" – 2" from the skin will not adversely affect treatment. SEE WARNINGS REGARDING TATTOOS.**
17. **If a patient continually complains about thermal buildup or any other issue, stop treatment.**

IF YOU HAVE QUESTIONS, PLEASE CALL US AT 573-745-1086 OR EMAIL US AT: INFO@MEDRAY.COM.

WE HIGHLY RECOMMEND YOU GO TO MEDRAYLASER.COM/QUAD/ AND WATCH THE VIDEO ON SETUP AS THIS WILL SHOW YOU STEP-BY-STEP HOW TO SETUP YOUR NEW MEDRAY LASER.

This is the Medray carrying case. This is how it appears when you take the case out of the shipping box.

Your Medray laser will appear like this when you open the case. Every piece needed is enclosed. Use care when removing the white laser base and emitter. The laser emitter is fixed onto the laser base so you do not need to attach it. Use care not to kink or bend the emitter cord.

Here are the contents inside the laser case.

1. **Medray base unit**
2. **Medray emitter**
3. **Power supply and cord**
4. **3 pair of laser glasses**

The interlock is already pre plugged into the back of the laser. It looks like a small pin. The Medray laser will not operate without the interlock plugged into the back – (white arrow.)

The power cord plugs into the back of the laser. The flat part of the cord is at the 12:00 position. Make sure it is aligned properly when inserting- (red arrow.)

On off switch – (green arrow)

This is the power supply. The part that plugs into the wall is pre attached. Plug in the cord to the power supply and then into the back of the Medray laser. See above picture.
Fixed cord – (white arrow)
Plug in cord – (red arrow)

After plugging in the power supply to the wall and to the Medray laser and turning on the power switch, this is the log in screen. There are several codes for different therapies, such as STAR hands free, attended, and even veterinary. Enclosed in this booklet is the LOG IN CODE FOR EACH THERAPY. Enter the code and press enter – (red arrow)

This is the attended therapy screen, meaning you must keep the emitter moving when treating.

Proposals in the upper right corner are treatments that you have made and saved

Info gives you the serial number and other information.

After you choose a body part on the previous screen, you will be taken to the detail screen. Choose body size, skin color and pain levels by pressing the appropriate pictogram that relates to your patient.

You are now in the treatment screen. Here, you can change power levels by sliding the power level bars left or right. You can change from pulsed to continuous (red arrow) or back to pulsed.

You can also press the back button to go to previous screens. If you change the parameters, you can press SAVE and name your new treatment. That saved protocol now becomes a PROPOSAL.

Once you are satisfied with the protocols, push the green (red arrow) button at the bottom – middle. This button takes you out of STANDBY mode.

It is suggested that you simply use the presets until you become familiar with your Medray laser as the presets are set for optimal treatment capabilities

After pressing the GREEN standby button as seen in the previous picture, it now turns RED. Press the emitter ONE TIME and the laser will turn on. The treatment will automatically time out. You can stop the treatment by pressing the emitter button again ONE TIME. The doctor is using the plastic covers on the emitter instead of the Roller Ball. You can treat on the skin or slightly off if the patient says the treatment is getting a bit too warm. KEEP THE EMITTER MOVING AT ALL TIMES WHEN DOING ATTENDED THERAPY. There is a separate instructional for the S.T.A.R. Hands free system.

When finished, push the RED button on the laser base and it will turn GREEN. (see previous picture) You can now go back to previous screens to set up another treatment or press HOME. The GREEN button must be pushed and turn to RED which takes it out of standby for the Medray to emit.

USING THE OPTIONAL PATIENT STOP SWITCH COMES FREE WITH OPTIONAL S.T.A.R. PURCHASE

<u>PLEASE NOTE THAT USE OF THE OPTIONAL PATIENT STOP SWITCH IS NOT REQUIRED FOR YOUR MEDRAY LASER TO FUNCTION.</u> **IF YOU DO NOT WANT TO USE THE STOP SWITCH, KEEP IT IN THE CASE.**

Pictured is the newest wireless hands free stop switch on the market. It comes with the sending unit on the left, wireless stop button on the right as well as batteries.. The sending unit plugs into the back of the Medray base unit where the port was for the extra cable from the emitter cord.

This arrow shows where the SAFETY STOP plugs into. It is shown with the Safety Stop Switch plugged in.

When the Safety Stop Switch is plugged in, <u>THE ON-OFF BUTTON ON THE EMITTER WILL NOT FUNCTION.</u>

When the laser is taken out of the standby mode on the screen, it can only be turned on or off by using the optional Safety Stop Switch if it is plugged in or by pushing standby on the treatment screen.

Many doctors will use the optional Safety Stop Switch to turn on the laser and then hand it to the patient if they wish to use it during treatment. If the doctor wishes to stop treatment he needs to tell the patient to push the Safety Stop Switch once or just press STANDBY on the treatment screen.

As mentioned, if the Safety Stop Switch is used, the ON – OFF button on the emitter is bypassed. The optional Safety Stop Switch is just an added benefit to your Medray Dual, Quad, or prime laser and gives your patient more control over the treatment being administered.

The optional Safety Stop Switch is not mandatorily used. It is the doctor's or therapist discretion to use it or purchase it..

PLEASE NOTE…THE WIRELESS SAFETY STOP SWITCH IS AN OPTION. IT IS INCLUDED FREE WITH THE PURCHASE OF THE S.T.A.R. HANDSFREE HARDWARE SYSTEM

Operation introduction

Switching system

This device has added the ability to switch systems. New function keys on the settings page.

Step of operation:

Under any system, click on or , go to the settings page, click on and you will be taken to the password page. Then enter the access code of the other system, it is possible to switch to another system.

BILLING

Should I Bill For Laser Therapy?

The single most frequently asked question about lasers involves insurance payments. Numerous studies indicate that laser therapy is effective for pain, inflammation, and tissue repair. Despite the body of research, some insurance companies do not pay for laser therapy. Why? They deem it "experimental." Remember that FDA clearance does not indicate or equal effectiveness.

What Are Your Colleagues Doing?

Many DCs are simply charging cash for the procedures. They often sell the services in packages of five or 10 treatments. Prices range from $20 per individual treatment to more than $100 per treatment.

The advantages of cash are:

- Immediate collection of the entire payment for five or 10 treatments.
- No insurance paperwork.
- Less office time handling the patient's paperwork.

Try Insurance?

CPT codes do not exist specifically for laser therapy, either "low-level laser therapy" or "high-power therapy." Regardless of which code you chose, always include a statement describing the treatment and therapy.

Let's take a look at CPT codes that chiropractors have utilized over the years. Different carriers may make different determinations. Therefore, before using any of the codes to describe laser therapy, you should check with your participating carriers to see if laser therapy is allowed under the code you intend to utilize.

S8948

There is a HCPCS Level II code S8948 that does reference the service. Therefore, S8948 should be your "go to code." The CPT code is described as the application of a modality (requiring constant provider attendance) to one or more areas; low-level laser; each 15 minutes.

The code includes a time component. Prior to using "S" codes on insurance claims to private payers, you should consult with the payer to confirm that the "S" codes are acceptable.

97026

This CPT code is for infrared light therapy. However, when you dig deeper, you will see it is the code for heat lamp. Generally, reimbursement is lower than that for other codes. Billing might look like, "97026: Attended infrared light therapy," or, "97026: Attended infrared therapy."

97032

This CPT code is for attended electronic photonic stimulation (15 minutes). The code includes a time component. Therefore, you must write down the start and finish times in the patient's chart. Make brief notes about your treatment protocol and the areas of the body that were treated. Billing might look like, "97032: Attended electronic photonic stimulation," or, "97032: FDA cleared laser photonic stimulation."

97039

This CPT code is for an unlisted modality with constant attendance. The "unlisted" nature of the code can result in rejection or hand audits. The fact that it ends in "9" requires documentation. Make sure to include a one-page description of the services provided and a description of the device. An explanatory notation such as "FDA cleared laser therapy" is helpful. Billing might look like, "97039: Attended infrared therapy," or, "97039: Attended laser therapy."

97112

This CPT code is for neuromuscular reeducation (15 minutes). The code includes a time component. Therefore, you must write down the start and finish times in the patient's chart. Make brief notes about your treatment protocol and areas of the body that were treated. Billing might look like, "97112: Neuromuscular reeducation," or "97112: Neuromuscular reeducation with laser therapy."

97139

This CPT code is for an unlisted therapeutic procedure with constant attendance. The "unlisted" nature of the code can result in rejection or hand audits. The code indicates one-on-one treatment from a provider to a patient. Make sure to include a one-page description of the services provided and a description of the device. The code ends in a "9," so include a notation such as, "FDA cleared laser therapy." Billing might look like,

"97139: Unlisted therapeutic procedure with FDA cleared laser — constant attendance."

97799

This CPT code is for physical medicine and rehabilitation unlisted service or procedure. The general nature of the code and the "unlisted" nature of the code can result in rejection or hand audits. The fact it ends in "9" requires documentation. Make sure to include a one-page description of the services provided and a description of the device. An explanatory notation such as "FDA cleared laser therapy" is helpful. Billing might look like, "97799: Unlisted service or procedure performed with FDA cleared laser therapy."

PLEASE NOTE:

- Please follow the assembly instructions closely. Improper installation may result in damage or serious personal injury.
- Use the mounting screws provided and DO NOT OVER TIGHTEN.
- Keep these items away from children. This product contains small items that could be a choking hazard if swallowed.
- This product is intended for indoor use only. Using this product outdoors could lead to product failure.
- Do not use with products heavier than the maximum rated weight. Heavier weights may result in instability.
- Maximum rated weight 18lbs.

Kantek.com

Kantek

STS300

Mobile Sit-Stand Desk

MAXIMUM RATED WEIGHT 18LBS

ASSEMBLY INSTRUCTIONS FOR THE NEW MEDRAY LASER ADJUSTABLE HEIGHT CART

ASSEMBLY INSTRUCTIONS FOR THE NEW MEDRAY LASER ADJUSTABLE HEIGHT CART

Please follow all steps carefully.

NOTICE…NOTICE…NOTICE…NOTICE…NOTICE

Turn the knob (red arrow) counter clockwise until the emitter will slide under the capture. Turn the knob clockwise to lock the emitter in place. DO NOT lock the emitter in place over the ON – OFF switch. (blue arrow).

Turning the release knob on the other side (orange arrow) counter clockwise will allow the emitter and optical headpiece to rotate in nearly any position needed. Turn the knob clockwise to lock into place.

We are also enclosing a piece of Velcro that you can use to attach the power supply anyplace on to the cart.

This is the clamp assembly. It bolts on to the bottom of the flex arm. Undo the package. Using the two supplied bolts (red arrow), slide them through the holes in the flex arm, (orange arrow) align bolts with threaded holes in the clamp, and tighten using the enclosed Allen Wrench. You can now clamp the arm anywhere on your cart.

You can also loosen the bolt on the flex arm and rotate or move the complete emitter assembly if desired. (white arrow).

PLEASE READ THE INFORMATION BELOW

YOUR NEW S.T.A.R. CART COMES WITH A CLAMP ON STRONGER FLEX ARM SO YOU CAN CLAMP IT ANYWHERE ON THE CART. THIS IS A HUGE IMPROVEMENT OVER THE BOLT ON ARM. THE CART IN THE PICTURE BELOW HS BEEN REPLACED WITH THE CART IN THE CART ASSEMBLY DRAWING PREVIOUSLY PICTURED.

OFTEN, IT IS BETTER TO CLAMP THE ARM ON UPSIDE DOWN TO REACH LOWER OR MORE DIFFICULT POSITIONS AND NOT OVERBEND THE ARM WHICH COULD BREAK IT. IF THE ARM IS FORCED, TWISTED AND BROKEN, IT IS NOT COVERED UNDER WARRANTY. A NEW FLEX ARM ASSEMBLY IS $375.00

THE MEDRAY LASER & TECHNOLOGY WARRANTY (OVERVIEW)

MEDRAY LASER & TECNOLOGY warrants their products to the original retail buyer that it will repair or replace components or parts of their products manufactured by Medray Laser (except for components not warranted under "Exclusions") that are defective in material or workmanship under normal use and service. Medray Laser's sole obligation under this specified warranty is limited to the repair or replacement, at Medray Laser's sole option or discretion, of the applicable components or parts. This limited warranty only applies to defects or problems that have been reported to Medray Laser within the applicable warranty period and which, upon examination by Medray Laser, prove to be defective or at fault. This warranty extends only to the first original purchaser or buyer of an Medray Laser product, and is not transferable or assignable.

APPLICABLE WARRANTY PERIOD

The applicable warranty period, is measured from the date of laser delivery to the original user, shall be one (5) years for all warranted parts and components. Labor is covered for (5) years from the date of purchase. Medray – 5 years.

OBTAINING WARRANTY SERVICE

If needed, warranty service must be obtained through either Medray Laser or an authorized dealer approved by Medray Laser. Medray Laser may be contacted for warranty service via email at info@medraylaser.com, or by telephone at 573-745-1086. Mail or correspondence can be sent to: Medray Laser & Tehnology, 4732 A1 Osage Beach Pkwy, Osage Beach, MO. 65065. It is the buyer's responsibility to arrange for delivery of an Medray Laser to Medray Laser or one of its authorized dealers or repair facilities for warranty service. Delivery costs, shipping cost, and return shipping costs shall be at the buyer's expense. The initial purchase must also comply with the warranty service instructions provided by Medray Laser. If an Medray Laser is purchased through a dealer, it is the buyer's responsibility to notify Medray Laser of said purchase within 30 days.

Loaner lasers are provided only under extra-ordinary circumstances and will incur a seperate charge.

EXCLUSIONS

This warranty does not, and will not cover, and Medray Laser will have no liability regarding the following:

(1) Defects, damage, or other conditions caused, in whole or in part, by misuse, abuse, negligence, alteration, accident, freight damage, tampering, or failure to seek and obtain repair or replacement in a timely manner
(2) Products or part which have not been installed, used, or cleaned and maintained properly as specified and or required by the Medray manual
(3) Products considered to be of a consumable nature , such as emitter handle and laser glasses.
(4) Accessories or parts not manufactured by Medray Laser. These products have their own manufacturer's warranty.
(5) Charges or repair fees by anyone for adjustments, repairs, replacement parts, installation, or other work performed upon or in connection with such products or part which have not expressly been authorized in writing in advance by Medray Laser
(6) Expenses that are related to routine maintenance and cleaning
(7) This is the only warranty honored by Medray Laser and will not honor any claims or promises by others holding out to be a representative or agent of Medray Laser.

EXCLUSIVE REMEDY; CONSEQUENTIAL DAMAGES DISCLAIMER:

Medray Laser's only obligation under this warranty is the repair or replacement of defective parts. Medray Laser & Technology shall not be liable for and hereby disclaims any direct, special, indirect, incidental, exemplary, or consequential damages or delays, including, but not limited to, damages for loss or profits or income, loss of use, downtime, cover and employee or independent contractor wages, payments and benefits.

NO AUTHORIZATION

No firm, person, or entity, is authorized to create or approve for Medray Laser any other obligation or liability in connection with the products.

WARRANTY DISCLAIMER:
This warranty is Medray Laser's only warranty and is in lieu of all other warranties, express or implied. Medray Laser makes no implied warranties of any kind including any implied warranties of merchantability or fitness for a particular purpose. This warranty is limited to the repair or replacement of defective parts.

PERCEIVED ISSUES, UNFAMILIARITY, OR DISLIKE OF THE LASER, DOES NOT WARRANT A MANUFACTURING DEFECT, AND NONE OF THE ISSUES MENTIONED CONSTITUTE A RETURN OR REPAIR OF THE LASER PURCHASED. BE ABSOLUTELY SURE OF THE EXACT LASER, FEATURES, AND OPTIONS BEING ORDERED

STATUTE OF LIMITATIONS
No action may be brought against Medray Laser for breach of this limited warranty, an implied warranty, if any, or for any other claim arising out of or relating to the products, more than ninety (90) days following expiration of the limited warranty period.

USAGE OF MEDRAY LASERS AND PRODUCTS
Medray Lasers are designed to be used by licensed professionals only, and for their expressed purpose. Medray Lasers are not designed to be used for any other purpose that they were not intended. Medray Laser expressly waives any liability or responsibility for misuse, uninformed use, doctor carelessness or misjudgment for the use of Medray Laser products. Do not use an Medray Laser if you are not sure of its function or its features. Never use any Medray Laser that is not in 100% working condition.

Never leave a child unattended with an Medray Laser.