

ALTIUS GRUPPEN

MRM LASER



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Evidensbasert behandling fortjener

Laser therapy

Laser therapy is a non-thermal process utilizing light sources to stimulate photo-physical events within the body.

Multi Radiance has combined the efforts of years of technical achievements to create superior laser therapy devices that deliver the most reproducible and clinically significant results.

This therapy is applied with a hand-held emitter that distributes three light wavelengths that are used to relieve pain and assist in rehabilitation for many types of injuries. Our multiple wavelength technology has been validated in vitro, in vivo, in laboratory trials and in clinical trials to provide optimal depth of penetration into tissue while still being safe to use all skin pigmentation types.



FDA Cleared

High power and still has the safety of Class 1, with no risk of overheating tissue. Non-heating (NHN) FDA Clearance



Smart Technology

Combination of wavelengths helps increase the amount of light available at greater tissue depths.



Proven Patient Outcomes

Multi Radiance outperforms competition in over 20 peer-reviewed published studies.



Relieves Pain

Quickly soothe your patient's chronic or acute pain with this no side effect and opioid-free solution.



Accelerates Rehabilitation

Treatment protocols will have your patients returning to their activities of daily living.



Advance your practice

Fast treatment times will let you see more patients each day, leading to more satisfied patients and a better ROI.

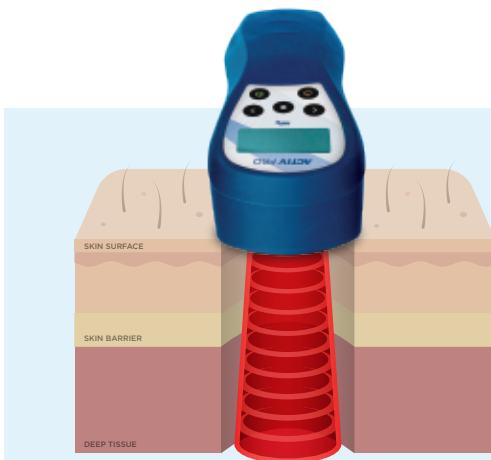
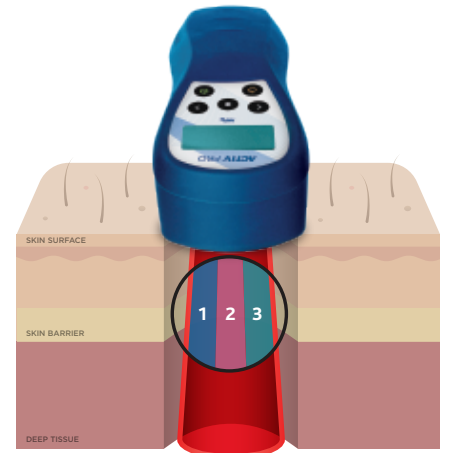
evidensbaserte produkter

How the technology works

Cascade Effect (Multiple Wavelengths)

At its core, Multi Radiance's technology consists of three synergistic light radiances in a single emitter, to optimize both the Depth of Penetration (by different tissues) and the light Absorption (at deeper depths). The synchronization of the Super Pulsed Laser (905nm), IREDs (875nm), and Red LEDs (660nm) along with a Static Magnetic Field optimizes light absorption by saturating tissue levels with light from each of the wavelengths, starting with 660nm and penetrating deeper.

Studies concluded that a combination of multiple wavelengths creates a synergy or Cascade Effect that enhances each individual wavelength's ability to penetrate the skin.

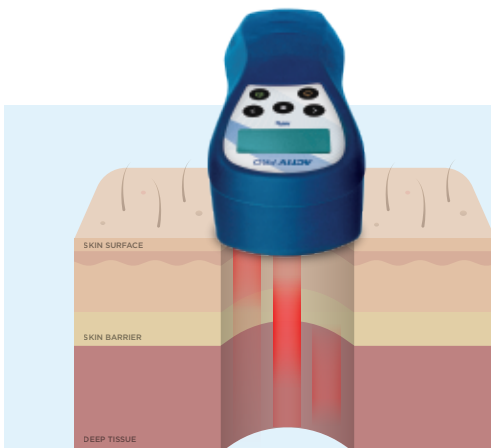


Super Pulsing

Super pulsing infrared Laser (905nm) allows for deeper penetration than a laser of the same wavelength that is not super pulsed, but may have the same average output power. This is because short pulses allow for quick absorption. Each impulse of the super pulsed laser produces high peak power delivered for a very brief duration. It is the high-power level during each pulse that creates the energy density necessary to deliver adequate doses to the desired tissue. Even though the pulse peaks at a high-power level, there are no thermal effects in the tissue. **By using super pulsed lasers, one is able to more effectively deliver higher densities of light energy into the tissue without any thermal effects.**

Magnetic Field

The static magnetic field of 35 mT in all Multi Radiance devices assists in keeping photo-activated molecules in dissociated (scattered) states; thereby enhancing their potential activity and energy levels at both molecular and cellular levels thus enhancing the body's potential to absorb the light. An example of this is where nitric oxide is photo-dissociated from cytochrome c oxidase. With other laser therapy devices, Nitric Oxide will rebind shortly after dissociation. **This static magnetic field, by sustaining the dissociated state of Nitric Oxide, enhances laser induced processes and the effects of Nitric Oxide can be further enhanced.**



LaserSweep

LaserSweep™, developed by and exclusive to Multi Radiance Medical, utilizes a range of frequencies that "sweep" from highest to lowest (from fixed end points) during treatments. By varying the frequency of each laser impulse, it effectively changes the laser's target depth of penetration. In essence, it's scanning the target tissues from superficial to deep. Changes in frequency not only impact penetration depth of the energy, but also the rate at which the energy is delivered. **This combination of variable depth and dose rate reduces the risk of biological adaptation to the treatment.**

Super Pulsed Lasers:

MR₅ ACTIVE PRO

CORDLESS SUPER PULSED LASER

- 50,000 mW med Super Pulserende dyp vevs terapi
- Trådløs med opptil 8 timer oppladbart batteri
- Ferdigprogramerte behandlings moduser

Varenr: 600-406



MR₅ ACTIVE PRO LASERSTIM

CORDLESS SUPER PULSED LASER

- 50,000 mW med Super Pulserende dyp vevs terapi
- Trådløs med opptil 8 timer oppladbart batteri
- Ferdigprogramerte behandlings moduser

Varenr: 600-408



MR₅ ACTIVE PRO LASERSHOWER

CORDLESS SUPER PULSED LASER

- 200,000 mW med Super Pulserende dyp vevs terapi
- Trådløs med opptil 8 timer oppladbart batteri
- Ferdigprogramerte behandlings moduser

Varenr: 600-500



MR₄ PRO SPORT

SUPER PULSED LASER PACKAGE

- MR4 Laser kontrollenhet
- LaserStim Emitter (25,000mW)
- LS50 Laser Shower Emitter (50,000mW)
- 4-6 Super Pulserende GaAS Dioder
- Lysterapi og elektro stimulering
- MR4 Active

Varenr: 600-400



MR₄ ULTRA

SUPER PULSED LASER PACKAGE

- MR4 Laser kontrollenhet
- LaserStim Emitter (25,000mW)
- LS50 LaserShower Emitter (50,000mW)
- 4-6 Super Pulserende GaAS Dioder
- Lysterapi og elektro stimulering

Varenr: 600-108-114



Super Pulsed Lasers:

MR4ACTIV

Cordless Super Pulsed Laser

- 25,000 mW med Super Pulserende dyp vevs terapi
- Trådløs med opptil 8 timer oppladbart batteri
- 6 behandlings moduser



Varenr: 600-300



painaway 2.0

LASER

- 25,000 mW med Super Pulserende dyp vevs terapi
- 3 bølgelengder: 905nm / 850nm / 660nm
- 5 behandlings moduser
- Begrenser betennelser
- Til behandling av akutt og kronisk smerte
- Ideel for små klinikker og hjemmebruk



Varenr: 600-200



Emittere & Tilbehør

LASERSHOWER

4 DIODE EMITTER

- LS50 LaserShower (50,000mW)
- 4 Super Pulserende GaAs Diodes



Varenr: 600-114

LASERSTIM

- LaserStim Emitter (25,000mW)
- Lysterapi og elektro stimulering
- Super Pulserende Power



Varenr: 600-111

TRIGGER POINT PROBER

- Trigger Point prober tillate mindre behandlingsområder og behandling mot akupunktur punkter. Probene utvide allsidighet, effekt og verdien av MR4 laser.



Varenr: 946-001

BESKYTTELSESTREKK

- Til MR4 Active



Varenr: Z-SLF600-300B

- Til TQ Solo



Varenr: Z-SLF800-300B

LASER HANDBOOK

- The New Laser Therapy Handbook



Varenr: BKLSTPBAG

TEN LECTURES

- Ten Lectures on Basic Science of Laser Phototherapy



Varenr: 610-10LBSLP

Forskning

Multi Radiance is also currently involved with over 30 clinical studies worldwide. It is our mission to investigate, validate and educate our practitioners with the knowledge and clinical skills necessary to achieve the best possible outcomes. Join hundreds of professionals each month and thousands per year who choose Multi Radiance because our Super Pulsed Lasers are safe for both customer and clients and cost thousands less than Class IV Lasers (surgical and rebranded "therapeutic").

THE PILLARS PAPER:



The Pillars Paper is an industry first for therapeutic lasers. It validates Multi Radiance Super Pulsed Laser technology in vitro, in vivo, in controlled laboratory studies and in clinical studies. The paper documents key laser parameters such as the depth of penetration time profile, thermal time profile, and peak activation time profile of each wavelength. Finally, the Pillars Paper confirms a bi-phasic dosimetry curve for treating acute and chronic conditions.

THE COMPARATIVE PILLARS PAPER:



The Comparative Pillars Paper is another therapeutic laser industry first that compares the safety, efficacy, and effectiveness of Multi Radiance Super Pulsed Laser technology to Class 3B and Class 4 therapeutic lasers. The studies contained in this paper clearly establish the superiority of Multi Radiance technology and warns of the unintended consequences that using high powered lasers can have on desired patient outcomes.

REVELATIONS: COMPENDIUM OF RESEARCH



This book presents a collection of summaries of scientific papers on safety and effectiveness of Multi Radiance Medical's Super Pulsed Laser Therapy in different fields of application. There are 22 peer reviewed papers and 17 more in the queue that report the outcomes of research coordinated by MRM Research Division and carried out in numerous clinical and research centers, both public and private.



Referanser

Worldwide Chiropractic
Colleges Trust Multi Radiance
Medical MR4 Super Pulsed Lasers

**PARKER
UNIVERSITY**

 **PALMER**
College of Chiropractic

 **CMCC**

 **ANGLO-EUROPEAN
COLLEGE OF CHIROPRACTIC**

 **LIFECHIROPRACTIC**
COLLEGE WEST

 **UNIVERSITY of WESTERN STATES**
Integrating Health and Science

 **NEW YORK
CHIROPRACTIC
COLLEGE**

TEXAS
Chiropractic College

 **SCU**
SOUTHERN CALIFORNIA UNIVERSITY OF HEALTH SCIENCES

 **National**
University of Health Sciences

LIFE
UNIVERSITY

 **REAL CENTRO
UNIVERSITARIO**
ESCORIAL MARÍA CRISTINA



"I predict that in the "not-so-distant future" nearly every chiropractor will utilize laser technology. For me and the patients I treat, the Multi Radiance MR4 Laser offers effective results for pain control, muscle spasms, and a host of global treatment effects. I also appreciate the technical support and enjoy reading the research behind this technology."

Dr. Mark N. Charrette, DC | Internationally Renowned Educator



"Chiropractors using the MRM laser technology continue to report exceptional results, with marked improvement in patients who have long struggled with chronic pain. Professional athletes and athletic trainers also report that this is now one of their 'go-to' therapies for acute injury. For me, it is a privilege to be associated with a business that, like my own business, offers the outstanding combination of excellent products supported by excellent service."

Dr. Arlan W. Fuhr | CEO, Activator Methods International



"I was introduced to Multi Radiance and their advanced laser technology at the WFC Congress in Rio de Janeiro in the spring of 2011. It has become part of my everyday treatment protocol ever since. Easy-to-use and effective, it is the perfect adjunct to chiropractic care."

Dr. J. Michael Flynn, DC | Former President of WFC



"Low-level lasers have become mainstream modalities in the treatment and rehabilitation of a variety of conditions, having established evidence base use in pain relief several years ago. I use the Multi Radiance Laser on a daily basis."

Dr. Frederick Carrick, DC, PhD. | Founder of the Carrick Institute



"I train doctors from all over the world in the A.M.I.T. method and many of them have purchased Multi Radiance Laser systems with the same amazing results. Together, the A.M.I.T. method and MR4 Laser system have taken sports chiropractic to an entirely different level in effectiveness. Multi Radiance's training program and customer service are the best I have found during my 37 year career. You have nothing to lose and everything to gain by trying the system in your clinic."

Craig Buhler | Former Team Chiropractor, Utah Jazz



"Being a doctor on the field proposes multiple challenges. Acute and chronic issues arise and pain needs to be controlled to allow the athlete to participate. The MR4 Activ Cordless laser was the Go-To instrument at the each venue for 2013 World Games in Cali, Colombia. I won't cover an event without it."

Dr. Santiago, DC, DACBSP, FICC, FACC | Former Secretary-General, FICS



"As an Educator, one of my missions has been to advance the art and science of the Chiropractic profession. As a Practitioner it has been to deliver the best patient outcomes. Throughout my career, I have been actively involved with many important technologies. I am particularly impressed with Multi Radiance MR4 Lasers, both in the performance of the product and in the way they do business. I would highly recommend Multi Radiance to anyone looking to add laser to their practice."

Dr. Mitch Mally, DC | Internationally Renowned Educator



"As a practicing Chiropractor and continuing education instructor for almost 18 years, staying current on innovative technologies is critical. Having used laser since 2008, I am impressed at how quickly and effectively the MR4 Super Pulsed Laser helps my patients with symptoms associated with acute, chronic pain and spasms. I love that the MR4 is so portable, I can take it with me where I go!"

Kevin M. Wong, BS, DC | International Educator, Speaker

Multi Radiance
Proudly Supports:

 **ECU**

 **ICA**

 **WORLD FEDERATION
OF CHIROPRACTIC**

 **American
Chiropractic
Association**

 **Foundation for
Chiropractic Progress**

 **FÉDÉRATION INTERNATIONALE
DE CHIROPRATIQUE SPORTIVE**

Gunstig leasing avtale gjennom Siemens Finans

Som kunde hos Altius Gruppen har du muligheten til å velge leie fra Siemens Finans som finansieringsalternativ på alle produkter og løsninger du skal investere i.

Eksempler på finansiering:

Kjøpesum eks. mva.	Forskudd:	60 mnd	48 mnd	36 mnd	24 mnd
300.000,-	0 %	6.100,-	7.300,-	9.350,-	13.500,-
300.000,-	10 %	5.500,-	6.600,-	8.500,-	12.150,-
200.000,-	0 %	4.100,-	4.900,-	6.250,-	9.000,-
200.000,-	10 %	3.650,-	4.400,-	5.650,-	8.100,-
100.000,-	0 %	2.100,-	2.450,-	3.150,-	4.500,-
100.000,-	10 %	1.815,-	2.200,-	2.810,-	4.100,-
50.000,-	0 %	1.100,-	1.250,-	1.600,-	2.250,-
50.000,-	10 %	910,-	1.100,-	1.400,-	2.025,-

Alle priser oppgitt er eks. mva, frakt kommer i tillegg. Det tas forbehold om endelig kredittgodkjenning av Nordea Finans som må foretas i hvert enkelt tilfelle.