

# MADIGAN ARMY MEDICAL CENTER CONSENT TO PARTICIPATE IN RESEARCH & AUTHORIZATION TO USE AND DISCLOSE PROTECTED HEALTH INFORMATION FOR RESEARCH

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<u>PRINCIPAL INVESTIGATOR:</u> Dr. Jeremy Schroeder, DO, jeremy.d.schroeder.mil@health.mil, 253-968-2077

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<u>KEY INFORMATION FOR PROTOCOL:</u> Investigation of the Effectiveness of Shockwave Therapy, Photobiomodulation, and Physical Therapy in the Management of Non-insertional Achilles Tendinopathy: A Randomized Control Trial with Elective Cross-Over Design in Active Duty Service Members

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You are invited to take part in a research study. Your participation is voluntary. This page gives you key information about the study to help you decide whether to participate. Detailed information follows this page. Ask the researchers questions you have. If you have questions later, the contact information for the research investigator is below.

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#### WHAT ARE THE PURPOSE, PROCEDURES, AND DURATION OF THE STUDY?

By doing this study we hope to learn more about and compare the effectiveness of standard of care (SOC) physical therapy (PT), PT with photobiomodulation therapy (PBMT; low-level laser therapy), PT with shockwave therapy (SWT; high-energy acoustic wave therapy), and PT with PBMT and SWT, to improve function, decrease pain, and resolve symptoms in individuals with non-insertional Achilles tendinopathy. PBMT and SWT have been used for treatment of a variety of conditions in many different settings, however, it is not known how well these treatments work in combination or in comparison to each other for treating the pain resulting from Achilles tendinopathy. Study participation will include completing questionnaires evaluating your lower limb function, and overall health completion of pain, activity and medication diary, tests including calf raises and single leg hops and an ultrasound on your Achilles tendon to evaluate your healing progress. You will be randomly assigned to one of four treatment groups: standard of care SOC PT, SOC PT with PBMT, SOC PT with SWT, or SOC PT with PBMT and SWT. After 3 months of treatment, you will have the option to select and participate in one of the three other treatment groups. Your participation in this study will last about 6 months.

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### WHAT ARE THE KEY REASONS YOU MIGHT CHOOSE TO PARTICIPATE IN THIS STUDY (BENEFITS)?

- You may benefit from this research by completing the SOC PT, and PBMT and/or SWT treatments which might help your Achilles pain and improve function; these
- improvements may happen faster if you are in the PBMT, SWT, or PBMT and SWT
- treatment groups. However, there is no guarantee that you will benefit from your participation in this research study.

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#### WHAT ARE THE KEY REASONS YOU MIGHT CHOOSE NOT TO PARTICPATE IN

43 THIS STUDY (RISKS AND ALTERNATIVES)?

If you choose to take part in this study, there are minor risks and discomforts associated with the treatments involved in this study:

PBMT: possible risks include discomfort from skin/tissue heating, and a rare risk of damage to your eyes if you look directly into the light without appropriate eye protection. SWT: risks include discomfort, bruising, swelling and, rarely, tissue damage. Mild pain is expected when the device treats the injury site. A study team member will monitor you and adjust treatment settings to ensure your pain is tolerable.

PT: The PT treatment you will receive in the study procedures is standard of care. However, the at-home exercises and return to running protocol are both standardized study procedures. Possible risks associated with the study-specific physical therapy includes: worsening of pre-existing conditions, continued and/or increased pain that may limit activities, no improvement in mobility or strength, soreness, or failing during and/or injury from physical therapy exercises and/or performance-based tests.

Safety of PBMT and SWT treatments in pregnant women has not been established, so, the risks to pregnant women are unknown. It is not known whether PBMT or SWT treatments can cause birth defects or other problems in an unborn child. If you become pregnant or feel you might be pregnant, contact your personal doctor and the principal investigator of this study listed in the Contact Information section at the end of this consent form.

If you have a nerve problem or difficulty feeling changes in your skin temperature, or a tattoo in the treatment area, you should not participate in this study as you may be at higher risk for burns. You should also not participate in this study if you have a pacemaker, as SW therapy may interfere with its function.

Although efforts are made to protect your research study records, there is always a risk that someone could get access to the personal information in your medical records or other information researchers have stored about you. There may also be other risks of taking part in this study that we do not yet know about.

#### DO YOU HAVE TO TAKE PART IN THIS STUDY?

If you decide to take part in the study, it should be because you really want to volunteer. You will not lose any services, benefits or rights you would normally have at Madigan Army Medical Center if you choose not to volunteer.

#### WHAT IF YOU HAVE QUESTIONS, SUGGESTIONS, OR CONCERNS?

The person in charge of this study is Dr. Jeremy Schroeder, DO. If you have questions, suggestions or concerns about the study, their contact information is: 253-968-2077, and mailing address: Madigan Army Medical Center, 9040 Jackson Avenue, Tacoma, WA 98431.

- If you have any questions about your rights as a research subject or if you have concerns or complaints about the research, please contact the Madigan IRB Office at:
- 253-968-0149, Department of Clinical Investigation, 9040 Jackson Avenue, Tacoma,
- 91 WA 98431-1100.

- 92 Please tell the researchers if you are taking part in another research study.
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- 94 If you decide to take part in this research study, you will be asked to sign this document.
- 95 Before you sign this document, be sure you understand what the research study is
- about in all sections of the consent form, including the risks and possible benefits to you.
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#### **DETAILED CONSENT:**

### 1. WHAT IS THE PURPOSE AND DURATION OF THIS RESEARCH AND WHO WILL TAKE PART?

You are being asked to take part in this research study because you are seeking care for the treatment of your Achilles pain caused by Achilles tendinopathy. The purpose of this research study is to learn about photobiomodulation therapy (PBMT) and shockwave therapy (SWT) to improve function, decrease pain, and resolve Achilles tendinopathy. PBMT for Achilles tendinopathy has not been well-studied; this means that PBMT is considered experimental for the treatment of Achilles tendinopathy.

There will be up to 160 people taking part in the study overall across two study sites, Madigan Army Medical Center and Fort Belvoir Community Hospital, over a period of 2 years.

During the study, you will have an initial study visit (today), 3-week follow-up, 6-week follow-up, 3-month follow-up, and 6-month follow-up. During the first 3 weeks of this study, you will be asked to return for your assigned treatment visits. These visits may take place at Physical Therapy, Sports and Exercise Medicine, Orthopaedics, and/or Podiatry clinics; a study team member will let you know where to return for your next scheduled follow-up visit. The schedule of these treatments will vary between groups. You will also complete check-ins with a study team member (in person or virtually) 2 times a week for the first 3 weeks. After the final follow-up at 6 months, your involvement in the study will be complete.

At the end of this research study the clinical results, including research results, about you will be shared with you, at your request.

#### 2. SCREENING PROCESS TO QUALIFY FOR PARTICIPATION IN THIS STUDY

Before you can take part in this study, you will need to have some tests and provide some information so that the Investigator can confirm that you qualify for the study. This is called the "Screening Process". These tests may have been done or this information collected as a part of your regular medical care. Biological females of child-bearing age and capacity will be required to take a urine pregnancy test.

#### 3. WHAT WILL HAPPEN IF YOU DECIDE TO BE IN THIS RESEARCH?

If you agree to participate in this research, you will be asked to complete the following study procedures after you sign this consent and Health Insurance Portability and Accountability (HIPAA) form:

#### Day 1, Today:

You will be asked to complete a total of 3 questionnaires to collect your contact information, demographic information, and baseline self-report measures of your lower limb(s) that are affected by Achilles tendinopathy, including relevant medical history, current work status, and your goals for treatment.

If you are a biological female of child-bearing age, you will be required to go to the lab to complete a hCG urine pregnancy test to determine your final eligibility status to participate in this study.

If you have bilateral Achilles tendinopathy (affecting both legs), a research study team member will review your baseline scores to determine which of your legs will be the primary leg for which data will be collected in this study. You will be able to receive the study treatment for both legs, but we will only collect data on the primary study leg, determined by the leg with the most severe symptoms.

A member of the study team will measure your foot and lower leg area to determine the appropriate PBMT and/or SWT treatment dosage. You will be asked to complete tests to assess the function of your Achilles tendons on both legs, which will include calf raises and single-leg hops. Your range of motion and strength will be assessed, and your Achilles tendon will be measured with an ultrasound. Ultrasound is a safe and non-invasive procedure that uses low-power sound waves to create an image and take measurements of structure in your body. This portion of the visit will take up to one (1) hour.

Before you leave the clinic, you will be given instructions to complete daily exercises for your Achilles tendon and a walking/return to running protocol. The exercises will take approximately 15-20 minutes to complete, and the return to running protocol will take approximately 35 minutes to complete. We will also provide you with a log to track your daily activity/pain/medication intake.

<u>Randomization:</u> You will be randomized to one of four study groups. This means you will be assigned to a group by chance; you will have a 25% chance of being in any of the four groups.

#### 1. Standard of Care (SOC) Physical Therapy (PT):

175 If you are randomized to the SOC PT group you will complete check-ins with a study team member (in person or virtually) two times each week, for the first three weeks.

#### 2. SOC PT + Photobiomodulation Therapy (PBMT):

If you are randomized to SOC PT with PBMT group you will receive active treatment with PBMT 2 times each week (in person) and complete check-ins with a study team member 2 times each week (in person or virtually), for the first 3 weeks. The check-ins and PBMT treatment may occur on the same day, but do not have to.

#### 3. SOC PT + Shockwave Therapy (SWT):

If you are randomized to SOC PT with SWT group you will receive active treatment with SWT one time each week (in person) and complete check-ins with a study team member 2 times each week (in person or virtually), for the first 3 weeks. The check-ins and SWT treatment may occur on the same day, but do not have to.

#### 4. SOC PT + PBMT + SWT:

If you are randomized to SOC PT with PBMT and SWT group you will receive active treatment with PBMT 2 times each week (in person), active treatment with SWT one time each week (in person), and complete check-ins with a study team member 2 times each week (in person or virtually), for the first 3 weeks. The PT check-ins, PBMT, and SWT may occur on the same day, but do not have to.

#### Weeks 1-3 - All Groups:

You will be asked to complete your daily exercises, return to running and activity/ pain/medication log at home. You will complete a check-in with a study team member either virtually or in-person twice each week, to discuss your exercises, address any questions or concerns, assess for adverse events, and collect your activity/pain/and medication log. You will be asked to complete a pain questionnaire once a week during one of your check-ins.

#### PBMT Groups (Groups 2 & 4):

If you are assigned to a group that will receive PBMT treatment, a trained member of the study team will apply the PBMT treatment once each week during an in-person treatment visit. The PBMT device is a plastic handle with a glass massage ball at the end where light comes out. The trained study team member will roll the massage ball on the area affected by your Achilles tendinopathy. If you feel uncomfortable at any time, the treatment can be stopped. Both you and the study team member will wear special eye protection (goggles) during the entire treatment. Each treatment session will last no more than (20) minutes.

#### SWT Groups (Groups 3 &4):

If you are assigned to a group that will receive SWT treatment, a trained member of the study team will apply the SWT treatment twice each week during an inperson treatment visit. The study team member will apply a gel to your skin and use a handheld device that will be placed in contact with your skin. The device will generate a pressure wave that results in a strike to the injured area from the device. Each treatment session will last no more than (20) minutes.

#### 3-Week Follow-Up - All Groups:

You will be asked to return to the clinic for your 3-week follow-up visit. This visit may be conducted at the same time as your final check-in but does not have to. At this visit you will turn in your activity/pain/medication log and complete a follow-up questionnaire to assess your lower limb that is affected by Achilles tendinopathy. This visit may take up to one (1) hour.

#### Weeks 3-6 - All Groups:

You will continue with your care as directed by your provider. This care will not include PBMT or SWT treatments. You will be asked to keep tracking your daily activity/pain/medication intake in your log.

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#### 6-Week Follow-Up - All Groups:

You will with be asked to return to the clinic or you may be contacted virtually to complete your 6-week follow-up visit. You will complete a follow-up questionnaire to assess your lower limb that is affected by Achilles tendinopathy. If you return to the clinic, you will be asked to turn in your activity/pain/medication log. If this visit is completed virtually, you will hold on to these logs to turn in at your next in-person visit. This visit may take up to thirty (30) minutes.

#### Weeks 6-12 - All Groups:

You will continue with your care as directed by your provider. This care will not include PBMT or SWT treatment. You will be asked to keep tracking your daily activity/pain/medication intake in your log.

#### 12-Week (3-Month) Follow-Up - All Groups:

You will be asked to return to the clinic for an in-person visit to complete a follow-up questionnaire to assess your lower limb that is affected by Achilles tendinopathy, including current work status, treatment satisfaction, treatment goals. You will turn in all of your activity/pain/medication logs at this visit. At this visit you may also choose to participate in one of the other three treatment groups of your choice.

You will be asked to complete tests to assess the function of your Achilles tendons on both legs, which will include calf raises and single-leg hops. Your range of motion and strength will be assessed, and your Achilles tendon will be measured with an ultrasound. This visit may take up to one (1) hour.

In addition, a study team member will complete a medical record review to document relevant physical therapy treatments and medical resource utilization and assess for adverse events.

#### Weeks 12-24 - All Groups:

additional treatment group.

271 If you choose to participate in one of the other three treatment groups, your
272 treatment visits will occur according to the treatment schedule of the group you
273 choose. No follow-up data will be collected from you during your participation in the

24-Week (6-Month) Follow-Up - All Groups:

You will be asked to return to the clinic for an in-person visit to complete a final questionnaire to assess your lower limb that is affected by Achilles tendinopathy, including current work status, and treatment satisfaction.

You will be asked to complete tests to assess the function of your Achilles tendons on both legs, which will include calf raises and single-leg hops. Your range of motion and strength will be assessed, and your Achilles tendon will be measured with an ultrasound.

After you complete the 6 month follow up, your study participation will end.

#### 4. WHAT ARE THE ALTERNATIVES TO TAKING PART IN THIS RESEARCH?

There may be other options for treating your Achilles tendinopathy. Alternative treatments and/or procedures that may be available to you include: continuing your current course of treatment (prescribed or over-the-counter methods), standard pain management therapies, using compression sleeves, resting/icing/elevating your leg, strength training, surgery, physical therapy, or no medical treatment at all. You should talk with your personal doctor (if applicable) about these options.

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There may be other research studies involving experimental treatments that could be helpful to your condition.

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Choosing not to take part in this research study is also an option.

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#### 5. <u>IS THERE COMPENSATION FOR YOUR PARTICIPATION IN THIS RESEARCH?</u>

Yes, you may receive up to \$150 in gift cards or Visa-type card equivalent for your participation in this research.

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If you are completing a research activity while on duty (i.e., you are not on leave and you are participating during your regular duty hours), in accordance with the DoDI 3216.02 you will not be paid for your time spent completing the research activity as described below.

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If you are completing a research activity while off duty (i.e., you are on leave or you are participating outside of your duty hours), in accordance with the DoDI 3216.02, you will be paid for your time spent completing the research activity as described below.

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If you are eligible to receive research compensation, as defined in the statements above, there are three opportunities for receiving compensation:

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- (1) when you complete your 6-week follow-up visit \$50 gift card,
- (2) when you complete the 3-month follow-up visit \$50 gift card, and
- (3) when you complete the 6-month follow-up visit \$50 gift card.

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You will only receive compensation for research activities that you complete. Should you decide to withdraw from the study, or you are withdrawn by the PI, you will only receive compensation for the applicable activities you completed prior to being withdrawn.

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#### 6. ARE THERE COSTS FOR PARTICIPATING IN THIS RESEARCH?

No, there are no costs to you for taking part in this research study.

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### 7. PRINCIPAL INVESTIGATOR (the person(s) responsible for the scientific and technical direction of the study):

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Principal Investigator at MAMC: Dr. Jeremy Schroeder, DO

Madigan Army Medical Center

Sports and Exercise Medicine Department

	9040 Jackson Ave, Tacoma WA 98431
	jeremy.d.schroeder.mil@health.mil
	O: 253.968.2077
STUDY S	SPONSOR (the organizations or persons who oversee the study and
	onsible for analyzing the study data): Musculoskeletal Injury
	ation Research for Operational Readiness (MIRROR), which is based out o
	rtment of Physical Medicine & Rehabilitation at the Uniformed Services
-	(USU), is overseeing this research study. As such, authorized staff from
MIRROR	and the USU will have access to your de-identified research data.
	onsor of this research, the Department of Defense may have access to
your rese	arch data in accordance with DoDI 3216.02.
SOURCE	OF FUNDING: Research funding is provided from the Department of
Defense	(DoD) Defense Health Agency (DHA) through the Uniformed Services
University	/ (USU).
LOCATIO	ON OF THE RESEARCH: Madigan Army Medical Center
	SURE OF FINANCIAL INTERESTS AND OTHER PERSONAL
ARRANG	SEMENTS: None.
WHO WII	LL SEE MY INFORMATION (PRIVACY) AND HOW WILL IT BE
	TED (CONFIDENTIALITY)?
	of your participation in this research study may only be disclosed in
	ce with state and federal law, including the Federal Privacy Act, 5
	2a, and its implementing regulations. DD Form 2005, Privacy Act
	it - Military Health Records, contains the Privacy Act Statement for the
records. A	A copy of DD Form 2005 can be given to you upon request, or you can read
on-line at	: http://www.dtic.mil/whs/directives/infomgt/forms/eforms/dd2005.pdf.
The resea	arch team will keep your research records. These records may be looked a
	ized research staff, staff from the Madigan Army Medical Center Human
Research	Protections Office (HRPO), the Madigan Army Medical Center Institutiona
Review B	loard (IRB), and the DoD Higher Level Review, and the Food and Drug
	ration (FDA) as part of their duties. These duties include making sure that
the resea	rch participants are protected.
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	ed research team members and those listed above will have access to your
	nd agree to safeguard your protected health information by using and
•	g it only as permitted by you in this consent or as directed by state and w. Confidentiality of your records will be protected to the extent possible
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limited to:

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Your research data will be identified only by a unique coded study number and not by your name, social security number, DoD ID, or other protected identifier. The unique coded study number cannot be linked to your name except at the clinic where you complete visits.

All paper research records will be stored in a locked cabinet inside of a locked room accessible only by authorized staff. Your coded study data will be entered into Research Electronic Data Capture (REDCap), a secure, access controlled, and password protected electronic data capture and management system housed on a DoD server and maintained by the Uniformed Services University (USU) in Bethesda, MD. Your coded ultrasound images will be stored in TeleRay, a secure, access controlled, and encrypted data platform. No identifiable information will be entered into REDCap or TeleRay.

Once your coded data is entered in REDCap and TeleRay, it will only be accessible by authorized study team members and oversight officials, the local Madigan research office, the IRB, authorized staff from USU, and authorized staff from Musculoskeletal Injury Rehabilitation Research for Operational Readiness (MIRROR), which is based out of the Department of Physical Medicine & Rehabilitation at USU and is serving as the data coordinating center for this study. Representatives of MIRROR/USU will not have access to your identifiable information.

The Madigan research team will:

maintain a separate confidential electronic enrollment log which matches the
unique coded study numbers with participants' names, date of consent, date
of birth, and DoD ID number. This enrollment log will be stored separately
from all other electronic research data in a secure, password-protected
database on a DoD computer and network that requires CAC access.

maintain an intake form that collects your preferred contact information. This
paper intake form will be kept in a locked cabinet inside of a locked room and
stored separately from your coded research records.

 keep this consent form and your signed HIPAA authorization for six (6) years following study closure. They will keep your coded paper research forms for five (5) years following study closure. The master code list which connects your identity with your unique study code will be destroyed upon study closure.

By signing this document, you give your permission for information gained from your participation in this research study to be published in literature, discussed for educational purposes, and used generally to further science. You will not be personally identified; all information will be presented as anonymous data. So, your name will not appear in any published paper or presentation related to this study.

Complete confidentiality cannot be promised for military personnel, because information regarding your health may be required to be reported to appropriate medical or command authorities to ensure the proper execution of the military mission, including evaluation of fitness for duty.

A description of this clinical trial will be available on <a href="http://www.ClinicalTrials.gov">http://www.ClinicalTrials.gov</a> as required by U.S. Law. This web site will not include information that can identify you. At most, the Web site will include a summary of results. You can search this Web site at any time.

#### 13. <u>AUTHORIZATION TO USE AND DISCLOSE PROTECTED HEALTH</u>

**INFORMATION FOR THIS RESEARCH:** You are being asked for permission to use and disclose your protected health information (PHI) for this research study. Protected health information is defined as individually identifiable health information.

The Health Insurance Portability & Accountability Act of 1996, Public Law 104-191 (also known as HIPAA), establishes privacy standards to protect your health information. This law requires the researchers to obtain your authorization (by signing this document) before they use or disclose your protected health information for research purposes in the study listed above.

### WHAT PERSONAL IDENTIFIERS AND/OR PROTECTED HEALTH INFORMATION (PHI) MAY BE USED AND DISCLOSED IN THIS RESEARCH?

The identifiers and/or PHI collected, used, or disclosed are below:

- Names
- Address (all geographic subdivisions smaller than a state)
- Dates (except year) directly related to an individual such as birth date
- Phone numbers
- E-mail addresses

 Any other unique identifying number, characteristic, or code

- Medical history
- Surgical history
- Laboratory results
- Imaging results

### HOW WILL YOUR PROTECTED HEALTH INFORMATION BE USED OR DISCLOSED IN THIS RESEARCH?

The research team will review your Military Health System (MHS) electronic medical record to collect and document details about your Achilles tendinopathy. This health information includes demographic data (age, rank, race), lab results for the pregnancy test, medical conditions (lower limb function, pain, and treatment). The following protected health information (PHI) will be collected: name, postal address, dates (date of birth, dates of clinic visits, etc.), telephone number, email, and other unique identify numbers or characteristics (diagnosis, DoD ID number, rank, etc.).

The use and disclosure of your protected health information is necessary in order to be able to conduct the research described. Records of your participation in this research may only be disclosed in accordance with state and federal law, including the Privacy Act (5 U.S.C. 552a) and the Health Insurance Portability and Accountability Act of 1996 (HIPAA) and its implementing regulations (45 CFR 160 & 164).

Note: Protected health information of military service members may be used or disclosed without your authorization to military command authorities to ensure the proper execution of the military mission, including evaluation of fitness for duty.

By signing this document, you give your permission for information gained from your participation in this research to be published in medical literature, discussed for educational purposes, and used generally to further medical science. You will not be personally identified; all information will be presented as anonymous data.

### WITH WHOM MAY YOUR PROTECTED HEALTH INFORMATION BE SHARED THROUGH THIS RESEARCH?

- The Madigan Army Medical Center Institutional Review Board
- Madigan Army Medical Center or Department of Defense representatives
- State and Federal Government representatives, when required by law (such as the Food and Drug Administration (FDA))

Those listed above who are covered entities under HIPAA agree to safeguard your protected health information by using and disclosing it only as permitted by you in this Authorization or as directed by state and federal law.

You need to be aware that some parties receiving your protected health information may not have the same obligations to safeguard your protected health information and may re-disclose your protected health information to parties not named above. If your protected health information is re-disclosed, it may no longer be protected by state or federal privacy laws.

### You do not have to sign this document. If you decide not to sign this document:

 It will not affect your current treatment, payment or enrollment in any health plans or affect your eligibility for benefits.

• You will not be allowed to participate in the research.

#### After signing this document, you can change your mind and:

 Notify the principal investigator in writing that you have withdrawn your permission to disclose or use your protected health information (revoke the Authorization).

 Send your written letter to the Principal Investigator, Dr. Jeremy Schroeder, DO, Department of Sports and Exercise Medicine, Madigan Army Medical Center, 9040 Jackson Ave, Tacoma, WA 98431, to inform them of your decision. Your revocation is not effective until your letter is received.

Researchers may continue to use and disclose your PHI that was obtained before your revocation became effective to the extent that the researchers have taken action in reliance on your earlier authorization. Researchers may also continue to use or disclose your PHI as necessary to maintain the integrity or reliability of the current research, as, for example, to account for your withdrawal from the study, to conduct misconduct investigations, or to report adverse events.

• If you withdraw the Authorization, you will not be allowed to continue to participate in the research.

During your participation in this research, you will not be able to access your research records. This is done to ensure the research results are reliable. After the completion of the research, you have the right to see or copy your research records related to the research listed above. A Request for Access must be made in writing to the Principal Investigator, Dr. Jeremy Schroeder, DO, at Madigan Army Medical Center, Department of Sports and Exercise Medicine, 9040 Jackson Ave, Tacoma, WA 98431.

If you have not already received a copy of the brochure entitled "Military Health System Notice of Privacy Practices," you may request one, or it is available on-line at: <a href="https://www.health.mil/Military-Health-Topics/Privacy-and-Civil-Liberties/HIPAA-Compliance-within-the-MHS/Notice-of-Privacy-Practices">https://www.health.mil/Military-Health-Topics/Privacy-and-Civil-Liberties/HIPAA-Compliance-within-the-MHS/Notice-of-Privacy-Practices</a>

If you have any questions or concerns about your privacy rights, you should contact the Madigan HIPAA Privacy Officer, 9040 Jackson Ave, Tacoma, WA, 98431. Telephone: 253-968-1642.

This Authorization does not have an expiration date.

Your signature at the end of this document acknowledges that you authorize Madigan Army Medical Center and the overall Principal Investigator and other members of the research staff to use and disclose your Protected Health Information (PHI) collected about you for research purposes as described above.

#### **16. USE OF INFORMATION?**

The information and that we obtain from you for this study might be used for future studies. We may remove anything that might identify you from the information. If we do so, that information may then be used for future research studies or given to another investigator without getting additional permission from you. It is also possible that in the future we may want to use or share study information that might identify you. If we do, a review board will decide whether or not we need to get additional permission from you.

The investigator has requested to save selected data collected from your participation in this research study for possible use in future research. This future research may be in the same area as the original study or it may be for a different kind of study or distributed to another investigator for future research studies. The specifics of these future research studies are unknown at this time, but these studies will likely be in the area of photobiomodulation (PBM) therapy, shockwave (SW) therapy, and/or Achilles tendinopathy.

If you consent to participate in this research study, your de-identified data, meaning that all of your personal identifiers have been removed, collected as part of this research may be kept for future research studies or given to others for future approved research studies.

\*\*If you would NOT like your de-identified data collected as part of this research to be kept for possible future research, you should not consent to participate in this research study.\*\*

Your de-identified research data will be securely sent to Musculoskeletal Injury Rehabilitation Research for Operational Readiness (MIRROR) and stored at the Uniformed Services University (USU) alongside other de-identified research data. This de-identified research data will be kept indefinitely, or as long as it is practical to maintain, and may be used in future research studies.

Your de-identified ultrasound images will be maintained within TeleRay by the local Madigan research team indefinitely, or as long as it is practical to maintain, and while funding can be allotted for this service. These images may also be used in future research.

Any future research using your retained data will require a research protocol for the proposed study reviewed and approved by an Institutional Review Board (IRB) (a committee responsible for protecting research participants), an Exempt Determination Official (EDO), or other authorized official responsible for protecting human subjects of research. The data protections for privacy and confidentiality described in this consent form will apply to any future use of your stored data.

#### 17. INCIDENTAL FINDINGS

There is a possibility that while reviewing your test results we may see an abnormality that we did not expect to see in this study. This is what is called an "incidental finding."

We will let you know if we see such an incidental finding. Depending on the type of incidental finding, we may contact you by phone. In the case of a potential serious emergency, the researcher will inform you right away.

We will also give information about this incidental finding to your primary doctor or we will refer you to an appropriate doctor for further evaluation.

An incidental finding may cause you to feel anxious

  Since an incidental finding will be part of your medical record, you could face greater difficulty in getting health or life insurance

The costs for any care that will be needed to diagnose or treat an incidental finding would not be paid for by this research study. These costs would be your responsibility. If you are a DoD beneficiary, you will have access to care through standard Military Health System and TRICARE procedures.

You will have the option to choose to opt out of receiving results of incidental findings in this consent form.

#### 18. VOLUNTARY PARTICIPATION

The decision to take part in this research study is completely voluntary on your part which means you do not have to take part if you do not want to. You may also leave the research study at any time. If you choose not to take part in this research study or if you leave the study before it is finished, there will be no penalty or loss of benefits to which you are otherwise entitled.

#### 19. WHAT HAPPENS IF I WITHDRAW FROM THIS RESEARCH?

You may withdraw your consent at any time and stop participating in this research study without affecting your eligibility for care or any other benefits to which you are entitled.

Should you choose to withdraw, you must contact the Principal Investigator in writing via mail or email using the contact information provided in this document. If you decide to no longer participate in this research study, the researcher may keep and analyze all data that was collected during your participation in this study. However, no additional data will be collected after the time of your withdrawal.

If you are receiving treatment as part of this research study, you will no longer be eligible for such research-related treatment. Contact your personal physician to discuss medical treatment for your condition.

 Please note that withdrawing your consent to participate in this research does not fully revoke your HIPAA Authorization Form to use/disclose your protected health information. To make that revocation, please send a letter to the principal investigator as discussed in the HIPAA Authorization section of this form.

The principal investigator of this research study may terminate your participation in this research study at any time if they determine this to be in your best interest, if you are unable to comply with the procedures required, if you no longer meet eligibility criteria, if you are no longer eligible to receive medical care at a military hospital, if the military mission requires it, or if the study is cancelled.

## 20. WHAT HAPPENS IF YOU ARE INJURED AS A RESULT OF THIS RESEARCH? If you think that you have a research-related injury, notify your Principal Investigator immediately using the contact information in the section below.

If you are injured because of your participation in this research and you are a DoD healthcare beneficiary (e.g., active-duty military, dependent of active-duty military, retiree), you are authorized space-available medical care for your injury within the DoD healthcare system, as long as you remain a DoD healthcare beneficiary. This care includes, but is not limited to, free medical care at DoD hospitals or DoD clinics.

If you are injured because of your participation in this research and you are not a DoD healthcare beneficiary, you are authorized space-available medical care for your injury at a DoD hospital or an DoD clinic; medical care charges for care at a DoD hospital or a DoD clinic will be waived for your research-related injury. If you obtain care for research-related injuries outside of a DoD or DoD hospital or clinic, you will not be reimbursed for those medical expenses.

662 Tra
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Transportation to and from hospitals or clinics will not be provided or paid for by DoD. Unless you are covered by TRICARE, no DoD reimbursement is available if you incur medical expenses to treat research-related injuries. No compensation is available for research-related injuries. You are not waiving any legal rights.

### 21. WHAT IF NEW INFORMATION IS LEARNED DURING THE STUDY THAT MIGHT AFFECT YOUR DECISION TO PARTICIPATE?

We will tell you if we learn new information that could change your mind about staying in the study. We may ask you to sign a new consent form if the information is provided to you after you have joined the study.

#### 22. CONTACT INFORMATION:

<u>Principal Investigator (PI):</u> The Principal Investigator or a member of the research staff will be available to answer any questions throughout this study.

Principal Investigator: Dr. Jeremy Schroeder, DO

679 Phone: 253-968-2077

253-966-2077

Mailing Address: Madigan Army Medical Center

Department of Sports and Exercise Medicine

9040 Jackson Ave Tacoma, WA 98431

#### Madigan Human Research Protection Program (HRPP) Office:

The Human Research Protection Program Office staff and/or Human Protections Director (HPD) will be available to answer questions or discuss concerns you may have about this research study. Madigan HRPP Office: 253-968-0149, Department of Clinical Investigation, 9040 Jackson Ave, Tacoma, WA 98431-1100.

IF THERE IS ANY PORTION OF THIS DOCUMENT THAT YOU DO NOT UNDERSTAND, ASK THE INVESTIGATOR BEFORE SIGNING. YOU MAY CONSULT WITH YOUR PERSONAL PHYSICIAN OR LEGAL ADVISOR, IF YOU WISH.

A signed and dated copy of this document will be given to you.

#### SIGNATURE OF PARTICIPANT

By signing below, I agree that I have been provided time to read the information describing the research study in the consent form. The content and meaning of this information has been explained to me. I have been provided with the opportunity to ask questions. I voluntarily consent to participate in this study.

By signing this form, I have not given up any of my legal rights as a research participant.

Printed Name of Participant	_
Signature of Participant	 Date
SIGNATURE OF INDIVIDUAL ADM (Can only be signed by an investigator or sta	
Printed Name of Administering Individual	