

**State of California  
Office of Administrative Law**

In re:  
Division of Workers' Compensation

Regulatory Action:

Title 08, California Code of Regulations

Adopt sections: 9792.23.10, 9792.23.11,  
9792.23.12

Amend sections: 9792.20, 9792.22, 9792.23,  
9792.23.1, 9792.23.2,  
9792.23.3, 9792.23.4,  
9792.23.5, 9792.23.6,  
9792.23.7, 9792.23.8,  
9792.23.9, 9792.24.1,  
9792.24.2, 9792.24.3,  
9792.24.4

Repeal sections:

NOTICE OF FILING AND PRINTING ONLY

Government Code Section 11343.8

OAL Matter Number: 2017-1128-01

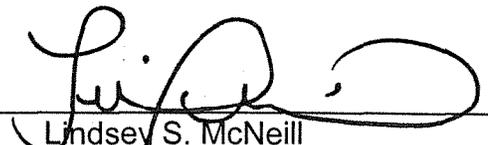
OAL Matter Type: File and Print Only (FP)

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This file and print action by the Division of Workers' Compensation within the Department of Industrial Relations adopts three sections and amends sixteen sections in title 8 of the California Code of Regulations to make evidence based updates to the medical treatment utilization schedule (MTUS). This action is exempt from the rulemaking provisions of the Administrative Procedure Act and OAL review pursuant to Labor Code section 5307.27(a).

OAL filed this regulation(s) or order(s) of repeal with the Secretary of State, and will publish the regulation(s) or order(s) of repeal in the California Code of Regulations.

Date: January 11, 2018

  
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Lindsey S. McNeill  
Attorney

For: Debra M. Cornez  
Director

Original: George Parisotto, Administrative  
Director

Copy: John Cortes

**NOTICE PUBLICATION/REGULATIONS SUBMISSION**

**FILE PRINT**

(See instructions on reverse)

For use by Secretary of State only

STD. 400 (REV. 01-2013)

<b>OAL FILE NUMBERS</b>	NOTICE FILE NUMBER <b>Z-</b>	REGULATORY ACTION NUMBER <b>2017-1128-01FP</b>	EMERGENCY NUMBER
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For use by Office of Administrative Law (OAL) only

NOTICE	REGULATIONS
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**ENDORSED - FILED**  
In the office of the Secretary of State  
of the State of California

2017 NOV 28 A 10:30  
OFFICE OF  
ADMINISTRATIVE LAW

JAN 11 2018  
3:16 PM

AGENCY WITH RULEMAKING AUTHORITY  
*Division of Workers' Compensation, within Dept. of Industrial Relations*

AGENCY FILE NUMBER (if any)

**A. PUBLICATION OF NOTICE (Complete for publication in Notice Register)**

per agency request 1/10/18

1. SUBJECT OF NOTICE	TITLE(S)	FIRST SECTION AFFECTED	2. REQUESTED PUBLICATION DATE
3. NOTICE TYPE <input type="checkbox"/> Notice re Proposed <input type="checkbox"/> Regulatory Action <input type="checkbox"/> Other	4. AGENCY CONTACT PERSON	TELEPHONE NUMBER	FAX NUMBER (Optional)
<b>OAL USE ONLY</b> <input type="checkbox"/> Approved as Submitted <input type="checkbox"/> Approved as Modified <input type="checkbox"/> Disapproved/Withdrawn	ACTION ON PROPOSED NOTICE	NOTICE REGISTER NUMBER	PUBLICATION DATE

**B. SUBMISSION OF REGULATIONS (Complete when submitting regulations)**

1a. SUBJECT OF REGULATION(S) Medical Treatment Utilization Schedule (MTUS)	1b. ALL PREVIOUS RELATED OAL REGULATORY ACTION NUMBER(S) 2015-0306-015, 2016-0615-03
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per agency request 1/10/18

2. SPECIFY CALIFORNIA CODE OF REGULATIONS TITLE(S) AND SECTION(S) (Including title 26, if toxics related)
SECTION(S) AFFECTED (List all section number(s) individually. Attach additional sheet if needed.)
ADAPT 9792.23.10, 9792.23.11, 9792.23.12
AMEND (please see attached)
REPEAL
TITLE(S) 8

3. TYPE OF FILING
<input type="checkbox"/> Regular Rulemaking (Gov. Code §11346) <input type="checkbox"/> Resubmittal of disapproved or withdrawn nonemergency filing (Gov. Code §§11349.3, 11349.4) <input type="checkbox"/> Emergency (Gov. Code, §11346.1(b)) <input type="checkbox"/> Certificate of Compliance: The agency officer named below certifies that this agency complied with the provisions of Gov. Code §§11346.2-11347.3 either before the emergency regulation was adopted or within the time period required by statute. <input type="checkbox"/> Resubmittal of disapproved or withdrawn emergency filing (Gov. Code, §11346.1) <input type="checkbox"/> Emergency Readopt (Gov. Code, §11346.1(h)) <input checked="" type="checkbox"/> File & Print <input checked="" type="checkbox"/> Other (Specify) <b>Pursuant to Labor Code §5307.27(a)</b>

Changes Without Regulatory Effect (Cal. Code Regs., title 1, §100)  
 Print Only

4. ALL BEGINNING AND ENDING DATES OF AVAILABILITY OF MODIFIED REGULATIONS AND/OR MATERIAL ADDED TO THE RULEMAKING FILE (Cal. Code Regs. title 1, §44 and Gov. Code §11347.1)
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per agency request 1/10/18

5. EFFECTIVE DATE OF CHANGES (Gov. Code, §§ 11343.4, 11346.1(d); Cal. Code Regs., title 1, §100)
<input type="checkbox"/> Effective January 1, April 1, July 1, or October 1 (Gov. Code §11343.4(a)) <input type="checkbox"/> Effective on filing with Secretary of State <input type="checkbox"/> §100 Changes Without Regulatory Effect <input checked="" type="checkbox"/> Effective other (Specify) <b>December 1, 2017</b>

6. CHECK IF THESE REGULATIONS REQUIRE NOTICE TO, OR REVIEW, CONSULTATION, APPROVAL OR CONCURRENCE BY, ANOTHER AGENCY OR ENTITY
<input type="checkbox"/> Department of Finance (Form STD. 399) (SAM §6660) <input type="checkbox"/> Fair Political Practices Commission <input type="checkbox"/> State Fire Marshal <input type="checkbox"/> Other (Specify)

7. CONTACT PERSON John Cortes	TELEPHONE NUMBER 510-286-0519	FAX NUMBER (Optional) 510-286-0676	E-MAIL ADDRESS (Optional) jcortes@dir.ca.gov
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8. I certify that the attached copy of the regulation(s) is a true and correct copy of the regulation(s) identified on this form, that the information specified on this form is true and correct, and that I am the head of the agency taking this action, or a designee of the head of the agency, and am authorized to make this certification.

SIGNATURE OF AGENCY HEAD OR DESIGNEE 	DATE November 27, 2017
TYPED NAME AND TITLE OF SIGNATORY George Parisotto, Administrative Director, Division of Workers' Compensation	

For use by Office of Administrative Law (OAL) only

**AUTHORIZED FOR FILING AND PRINTING**

JAN 11 2018

Office of Administrative Law

NOTICE PUBLICATION/REGULATIONS SUBMISSION – FILE AND PRINT

WORKERS' COMPENSATION: MEDICAL TREATMENT UTILIZATION SCHEDULE (MTUS) – PAGE 2

B. SUBMISSION OF REGULATIONS

2. AMEND THE FOLLOWING SECTIONS:

9792.20, 9792.22, 9792.23, 9792.23.1, 9792.23.2, 9792.23.3, 9792.23.4, 9792.23.5, 9792.23.6,  
9792.23.7, 9792.23.8, 9792.23.9, 9792.24.1, 9792.24.2, 9792.24.3, and 9792.24.4.

**TITLE 8. INDUSTRIAL RELATIONS  
DIVISION 1. DEPARTMENT OF INDUSTRIAL RELATIONS  
CHAPTER 4.5. DIVISION OF WORKERS' COMPENSATION  
SUBCHAPTER 1. ADMINISTRATIVE DIRECTOR -- ADMINISTRATIVE RULES  
ARTICLE 5.5.2. MEDICAL TREATMENT UTILIZATION SCHEDULE**

**§ 9792.20. Medical Treatment Utilization Schedule - Definitions.**

As used in this Article:

(a) "ACOEM" means the American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines published by the Reed Group containing evidenced-based medical treatment guidelines for conditions commonly associated with the workplace. ACOEM guidelines may be obtained from the Reed Group (<http://go.reedgroup.com/mtus>). ~~ACOEM guidelines may be obtained from the American College of Occupational and Environmental Medicine, 25 Northwest Point Blvd., Suite 700, Elk Grove Village, Illinois, 60007-1030 ([www.acoem.org](http://www.acoem.org)).~~

(b) – (l) [No change]

Note: Authority cited: Sections 133, 4603.5, 5307.3 and 5307.27, Labor Code.  
Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.

**§ 9792.22. General Approaches.**

(a) The Administrative Director adopts and incorporates by reference into the MTUS specific guidelines set forth below from the American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines (ACOEM Practice Guidelines) for the following chapters. ~~A copy may be obtained from the American College of Occupational and Environmental Medicine, 25 Northwest Point Blvd., Suite 700, Elk Grove Village, Illinois, 60007-1030 ([www.acoem.org](http://www.acoem.org)).~~

(1) Prevention (ACOEM Practice Guidelines, 2nd Edition (2004), Chapter 1).

(2) General Approach to Initial Assessment and Documentation (ACOEM Practice Guidelines, 2nd Edition (2004), Chapter 2).

(3) ~~Initial Approaches to Treatment (ACOEM Practice Guidelines, 2nd Edition (2004), Chapter 3).~~ Initial Approaches to Treatment (ACOEM June 30, 2017).

(4) Cornerstones of Disability Prevention and Management (ACOEM Practice Guidelines, 2nd Edition (2004), Chapter 5).

Note: Authority cited: Sections 133, 4603.5, 5307.3 and 5307.27, Labor Code.  
Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.

**§ 9792.23. Clinical Topics.**

(a) ~~The Administrative Director adopts and incorporates by reference into the MTUS specific clinical topic medical treatment guidelines in the series of sections commencing with 9792.23.1 et seq. Clinical topics apply to the initial management and subsequent treatment of presenting complaints specific to the body part. The Administrative Director adopts and incorporates by reference a series of medical treatment guidelines into the MTUS commencing with section 9792.23.1.~~

(b) For all conditions or injuries not addressed in the MTUS treatment guidelines, the authorized treatment and diagnostic services ~~in the initial management and subsequent treatment for presenting complaints~~ shall be in accordance with other scientifically and evidence-based medical treatment guidelines that are nationally recognized by the medical community pursuant to section 9792.21(d)(1).

~~(1) In providing treatment using other guidelines pursuant to subdivision (b) above and in the absence of any cure for the patient who continues to have pain lasting three or more months from the initial onset of pain, the chronic pain medical treatment guidelines in section 9792.24.2 shall apply and supersede any applicable chronic pain guideline in accordance with section 9792.23(b).~~

~~(2) In providing treatment using other guidelines pursuant to subdivision (b) above and if surgery is performed, the postsurgical treatment guidelines in section 9792.24.3 for postsurgical physical medicine shall apply together with any other applicable treatment guidelines found in the MTUS or in accordance with section 9792.23(b). The postsurgical treatment guidelines supersede any applicable postsurgical treatment guideline in accordance with section 9792.23(b).~~

Note: Authority cited: Sections 133, 4603.5, 5307.3 and 5307.27, Labor Code.  
Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.

**§ 9792.23.1. Neck and Upper Back Complaints. Cervical and Thoracic Spine Disorders Guideline.**

~~(a) The Administrative Director adopts and incorporates by reference the Neck and Upper Back Complaints Chapter (ACOEM Practice Guidelines, 2nd Edition (2004), Chapter 8) into the MTUS from the ACOEM Practice Guidelines. The Administrative Director adopts and incorporates by reference the Cervical and Thoracic Spine Disorders Guideline (ACOEM May 27, 2016) into the MTUS from the ACOEM Practice Guidelines.~~

~~(b) In the course of treatment for neck and upper back complaints where acupuncture or acupuncture with electrical stimulation is being considered, the acupuncture medical treatment guidelines in section 9792.24.1 shall apply and supersede the text in the ACOEM chapter referenced in subdivision (a) above relating to acupuncture.~~

~~(c) If recovery has not taken place with respect to pain by the end of algorithm 8-5, the chronic pain medical treatment guidelines in section 9792.24.2 shall apply.~~

~~(d) If surgery is performed in the course of treatment for neck and upper back complaints, the postsurgical treatment guidelines in section 9792.24.3 for postsurgical physical medicine shall apply together with any other applicable treatment guidelines found in the MTUS. In the absence of any cure for the patient who continues to have pain that persists beyond the anticipated time of healing, the chronic pain medical treatment guidelines in section 9792.24.2 shall apply.~~

Note: Authority cited: Sections 133, 4603.5, 5307.3 and 5307.27, Labor Code.  
Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.

**§ 9792.23.2. Shoulder Complaints. Shoulder Disorders Guideline.**

~~(a) The Administrative Director adopts and incorporates by reference the Shoulder Complaints Chapter (ACOEM Practice Guidelines, 2nd Edition (2004), Chapter 9) into the MTUS from the ACOEM Practice Guidelines. The Administrative Director adopts and incorporates by reference the Shoulder Disorders Guideline (ACOEM August 1, 2016) into the MTUS from the ACOEM Practice Guidelines.~~

~~(b) If recovery has not taken place with respect to pain by the end of algorithm 9-5, the chronic pain medical treatment guidelines in section 9792.24.2 shall apply.~~

~~(c) If surgery is performed in the course of treatment for shoulder complaints, the postsurgical treatment guidelines in section 9792.24.3 for postsurgical physical medicine shall apply together with any other applicable treatment guidelines found in the MTUS. In the absence of any cure for the patient who continues to have pain that persists beyond the anticipated time of healing, the chronic pain medical treatment guidelines in section 9792.24.2 shall apply.~~

Note: Authority cited: Sections 133, 4603.5, 5307.3 and 5307.27, Labor Code.  
Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.

**§ 9792.23.3. Elbow Disorders. Elbow Disorders Guideline.**

~~(a) The Administrative Director adopts and incorporates by reference the Elbow Disorders Chapter (ACOEM Practice Guidelines, 2nd Edition (Revised 2007), Chapter 10) into the MTUS from the ACOEM Practice Guidelines. The Administrative Director adopts and incorporates by reference the Elbow Disorders Guideline (ACOEM 2013) into the MTUS from the ACOEM Practice Guidelines.~~

~~(b) In the course of treatment for elbow complaints where acupuncture or acupuncture with electrical stimulation is being considered, the acupuncture medical treatment guidelines in section 9792.24.1 shall apply and supersede the text in the ACOEM chapter referenced in subdivision (a) above relating to acupuncture.~~

~~(c) If recovery has not taken place with respect to pain by the end of the Elbow Algorithm 10-5, the chronic pain medical treatment guidelines in section 9792.24.2 shall apply and supersede the text in the ACOEM chapter referenced in subdivision (a) above relating to chronic pain.~~

~~(d) If surgery is performed in the course of treatment for elbow complaints, the postsurgical treatment guidelines in section 9792.24.3 for postsurgical physical medicine shall apply together with any other applicable treatment guidelines found in the MTUS. In the absence of any cure for the patient who continues to have pain that persists beyond the anticipated time of healing, the chronic pain medical treatment guidelines in section 9792.24.2 shall apply.~~

Note: Authority cited: Sections 133, 4603.5, 5307.3 and 5307.27, Labor Code.  
Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.

**§ 9792.23.4. Forearm, Wrist, and Hand Complaints. Hand, Wrist, and Forearm Disorders Guideline.**

~~(a) The Administrative Director adopts and incorporates by reference the Forearm, Wrist, and Hand Complaints Chapter (ACOEM Practice Guidelines, 2nd Edition (2004), Chapter 11) into the MTUS from the ACOEM Practice Guidelines. The Administrative Director adopts and incorporates by reference the Hand, Wrist, and Forearm Disorders Guideline (ACOEM June 30, 2016) into the MTUS from the ACOEM Practice Guidelines.~~

~~(b) In the course of treatment for forearm, wrist, and hand complaints where acupuncture or acupuncture with electrical stimulation is being considered, the acupuncture medical treatment guidelines in section 9792.24.1 shall apply and supersede the text in the ACOEM chapter referenced in subdivision (a) above relating to acupuncture.~~

~~(c) If recovery has not taken place with respect to pain by the end of algorithm 11-5, the chronic pain medical treatment guidelines in section 9792.24.2 shall apply.~~

~~(d) If surgery is performed in the course of treatment for forearm, wrist, and hand complaints, the postsurgical treatment guidelines in section 9792.24.3 for postsurgical physical medicine shall apply together with any other applicable treatment guidelines found in the MTUS. In the absence of any cure for the patient who continues to have pain that persists beyond the anticipated time of healing, the chronic pain medical treatment guidelines in section 9792.24.2 shall apply.~~

Note: Authority cited: Sections 133, 4603.5, 5307.3 and 5307.27, Labor Code.  
Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.

**§ 9792.23.5. Low Back Complaints. Low Back Disorders Guideline.**

~~(a) The Administrative Director adopts and incorporates by reference the Low Back Complaints (ACOEM Practice Guidelines, 2nd Edition (2004), Chapter 12) into the MTUS from the ACOEM Practice Guidelines. The Administrative Director adopts and incorporates by reference the Low Back Disorders Guideline (ACOEM February 24, 2016) into the MTUS from the ACOEM Practice Guidelines.~~

~~(b) In the course of treatment for low back complaints where acupuncture or acupuncture with electrical stimulation is being considered, the acupuncture medical treatment guidelines in section 9792.24.1 shall apply and supersede the text in the ACOEM chapter referenced in subdivision (a) above relating to acupuncture.~~

~~(c) If recovery has not taken place with respect to pain by the end of algorithm 12-5, the chronic pain medical treatment guidelines in section 9792.24.2 shall apply.~~

~~(d) If surgery is performed in the course of treatment for low back complaints, the postsurgical treatment guidelines in section 9792.24.3 for postsurgical physical medicine shall apply together with any other applicable treatment guidelines found in the MTUS. In the absence of any cure for the patient who continues to have pain that persists beyond the anticipated time of healing, the chronic pain medical treatment guidelines in section 9792.24.2 shall apply.~~

Note: Authority cited: Sections 133, 4603.5, 5307.3 and 5307.27, Labor Code.  
Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.

#### **§ 9792.23.6. Knee Complaints. Knee Disorders Guideline.**

~~(a) The Administrative Director adopts and incorporates by reference the Knee Complaints Chapter (ACOEM Practice Guidelines, 2nd Edition (2004), Chapter 13) into the MTUS from the ACOEM Practice Guidelines. The Administrative Director adopts and incorporates by reference the Knee Disorders Guideline (ACOEM October 28, 2015) into the MTUS from the ACOEM Practice Guidelines.~~

~~(b) In the course of treatment for knee complaints where acupuncture or acupuncture with electrical stimulation is being considered, the acupuncture medical treatment guidelines in section 9792.24.1 shall apply and supersede the text in the ACOEM chapter referenced in subdivision (a) above relating to acupuncture.~~

~~(c) If recovery has not taken place with respect to pain by the end of algorithm 13-5, the chronic pain medical treatment guidelines in section 9792.24.2 shall apply.~~

~~(d) If surgery is performed in the course of treatment for knee complaints, the postsurgical treatment guidelines in section 9792.24.3 for postsurgical physical medicine shall apply together with any other applicable treatment guidelines found in the MTUS. In the absence of any cure for the patient who continues to have pain that~~

~~persists beyond the anticipated time of healing, the chronic pain medical treatment guidelines in section 9792.24.2 shall apply.~~

Note: Authority cited: Sections 133, 4603.5, 5307.3 and 5307.27, Labor Code.  
Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.

**§ 9792.23.7. ~~Ankle and Foot Complaints~~-Ankle and Foot Disorders Guideline.**

~~(a) The Administrative Director adopts and incorporates by reference the Ankle and Foot Complaints Chapter (ACOEM Practice Guidelines, 2nd Edition (2004), Chapter 14) into the MTUS from the ACOEM Practice Guidelines. The Administrative Director adopts and incorporates by reference the Ankle and Foot Disorders Guideline (ACOEM September 2015) into the MTUS from the ACOEM Practice Guidelines.~~

~~(b) In the course of treatment for ankle and foot complaints where acupuncture or acupuncture with electrical stimulation is being considered, the acupuncture medical treatment guidelines in section 9792.24.1 shall apply and supersede the text in the ACOEM chapter referenced in subdivision (a) above relating to acupuncture.~~

~~(c) If recovery has not taken place with respect to pain by the end of algorithm 14-5, the chronic pain medical treatment guidelines in section 9792.24.2 shall apply.~~

~~(d) If surgery is performed in the course of treatment for ankle and foot complaints, the postsurgical treatment guidelines in section 9792.24.3 for postsurgical physical medicine shall apply together with any other applicable treatment guidelines found in the MTUS. In the absence of any cure for the patient who continues to have pain that persists beyond the anticipated time of healing, the chronic pain medical treatment guidelines in section 9792.24.2 shall apply.~~

Note: Authority cited: Sections 133, 4603.5, 5307.3 and 5307.27, Labor Code.  
Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.

**§ 9792.23.8. Stress Related Conditions.**

~~(a) The Administrative Director adopts and incorporates by reference the Stress Related Conditions Chapter (ACOEM Practice Guidelines, 2nd Edition (2004), Chapter 15) into the MTUS from the ACOEM Practice Guidelines. The Administrative Director adopts and incorporates by reference the Chronic Pain Guideline (ACOEM May 2017) into the MTUS from the ACOEM Practice Guidelines for psychological treatment and evaluation related to chronic pain. If the injured worker's psychological condition, treatment, or evaluation is unrelated to chronic pain, then medical care and evaluation shall be in accordance with other medical treatment guidelines or peer-reviewed studies found by applying the Medical Evidence Search Sequence set forth in section 9792.21.1.~~

Note: Authority cited: Sections 133, 4603.5, 5307.3 and 5307.27, Labor Code.  
Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.

**§ 9792.23.9. Eye. Eye Disorders Guideline.**

~~(a) The Administrative Director adopts and incorporates by reference the Eye Chapter (ACOEM Practice Guidelines, 2nd Edition (2004), Chapter 16) into the MTUS from the ACOEM Practice Guidelines. The Administrative Director adopts and incorporates by reference the Eye Disorders Guideline (ACOEM April 1, 2017) into the MTUS from the ACOEM Practice Guidelines.~~

~~(b) If recovery has not taken place with respect to pain by the end of algorithm 16-6, the chronic pain medical treatment guidelines in section 9792.24.2 shall apply.~~

Note: Authority cited: Sections 133, 4603.5, 5307.3 and 5307.27, Labor Code.  
Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.

**§ 9792.23.10. Hip and Groin Guideline.**

The Administrative Director adopts and incorporates by reference the Hip and Groin Guideline (ACOEM May 1, 2011) into the MTUS from the ACOEM Practice Guidelines.

Note: Authority cited: Sections 133, 4603.5 and 5307.27, Labor Code. Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.

**§ 9792.23.11. Occupational/Work-Related Asthma Medical Treatment Guideline.**

The Administrative Director adopts and incorporates by reference the Occupational/Work-Related Asthma Medical Treatment Guideline (ACOEM January 4, 2016) into the MTUS from the ACOEM Practice Guidelines.

Note: Authority cited: Sections 133, 4603.5 and 5307.27, Labor Code. Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.

**§ 9792.23.12. Occupational Interstitial Lung Disease Guideline.**

The Administrative Director adopts and incorporates by reference the Occupational Interstitial Lung Disease Guideline (ACOEM January 4, 2016) into the MTUS from the ACOEM Practice Guidelines.

Note: Authority cited: Sections 133, 4603.5 and 5307.27, Labor Code. Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.

**§ 9792.24.1. Acupuncture Medical Treatment Guidelines.**

~~(a) As used in this section, the following definitions apply: Guidance for acupuncture treatment and evaluation are contained in the applicable Clinical Topics guidelines, and/or Chronic Pain Guideline, and/or Opioid Guideline.~~

(1) "Acupuncture" is used as an option when pain medication is reduced or not tolerated, it may be used as an adjunct to physical rehabilitation and/or surgical intervention to hasten functional recovery. It is the insertion and removal of filiform needles to stimulate acupoints (acupuncture points). Needles may be inserted, manipulated, and retained for a period of time. Acupuncture can be used to reduce pain, reduce inflammation, increase blood flow, increase range of motion, decrease the side effect of medication-induced nausea, promote relaxation in an anxious patient, and reduce muscle spasm.

(2) "Acupuncture with electrical stimulation" is the use of electrical current (micro-ampere or milli-ampere) on the needles at the acupuncture site. It is used to increase effectiveness of the needles by continuous stimulation of the acupoint. Physiological effects (depending on location and settings) can include endorphin release for pain relief, reduction of inflammation, increased blood circulation, analgesia through interruption of pain stimulus, and muscle relaxation. It is indicated to treat chronic pain conditions, radiating pain along a nerve pathway, muscle spasm, inflammation, scar tissue pain, and pain located in multiple sites.

(3) "Chronic pain for purposes of acupuncture" means chronic pain as defined in section 9792.20(c).

(b) Application

(1) These guidelines apply to acupuncture or acupuncture with electrical stimulation when referenced in the clinical topic medical treatment guidelines in the series of sections commencing with 9792.23.1 et seq., or in the chronic pain medical treatment guidelines contained in section 9792.24.2.

(c) Frequency and duration of acupuncture or acupuncture with electrical stimulation may be performed as follows:

(1) Time to produce functional improvement: 3 to 6 treatments.

(2) Frequency: 1 to 3 times per week

(3) Optimum duration: 1 to 2 months

(d) Acupuncture treatments may be extended if functional improvement is documented as defined in Section 9792.20(e).

(e) It is beyond the scope of the Acupuncture Medical Treatment Guidelines to state the precautions, limitations, contraindications or adverse events resulting from acupuncture or acupuncture with electrical stimulations. These decisions are left up to the acupuncturist.

Note: Authority cited: Sections 133, 4603.5, 5307.3 and 5307.27, Labor Code.  
Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.

### **§ 9792.24.2. Chronic Pain Medical Treatment Guidelines.**

(a) ~~The Chronic Pain Medical Treatment Guidelines (July 2016), consisting of two parts, are adopted and incorporated by reference into the MTUS. Part 1 is entitled Introduction. Part 2 is entitled the “Official Disability Guidelines (ODG) Treatment in Workers’ Compensation – Pain (Chronic)” consisting of an edited version from the Official Disability Guidelines published on April 6, 2015, which the Division of Workers’ Compensation has adapted with permission from the publisher. A copy of the Chronic Pain Medical Treatment Guidelines may be obtained from the Medical Unit, Division of Workers’ Compensation, P.O. Box 71010, Oakland, CA 94612-1486, or from the DWC web site at <http://www.dwc.ca.gov>. The Administrative Director adopts and incorporates by reference the Chronic Pain Guideline (ACOEM May 15, 2017) into the MTUS from the ACOEM Practice Guidelines for the treatment and evaluation of patients who have chronic pain as defined in section 9792.20. This guideline addresses a general approach to patients with chronic pain and the psychological and behavioral aspects of chronic pain. This guideline also addresses a few specific chronic pain disorders (i.e., complex regional pain syndrome, fibromyalgia, neuropathic pain). Guidance for treatment and evaluation of chronic pain disorders not specifically addressed in this guideline are contained in the Clinical Topics guidelines and/or Opioid Guideline.~~

(b) ~~The Chronic Pain Medical Treatment Guidelines apply when the patient has chronic pain as defined in section 9792.20.~~

(c) ~~When a patient has chronic pain and the treatment for the condition is covered in the Clinical Topics section of the MTUS but is not addressed in the Chronic Pain Medical Treatment Guidelines, the Clinical Topics section applies to that treatment.~~

(d) ~~When a patient has chronic pain and the treatment is addressed in both the Chronic Pain Medical Treatment Guidelines and the specific guideline found in the Clinical Topics section of the MTUS or if the treatment is only addressed in the Chronic Pain Medical Treatment Guidelines, then the Chronic Pain Medical Treatment Guidelines shall apply.~~

Note: Authority cited: Sections 133, 4603.5, 5307.3 and 5307.27, Labor Code.  
Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.

### **§ 9792.24.3. Postsurgicaloperative Treatment Rehabilitation Guidelines.**

(a) ~~As used in this section, the following definitions apply: Guidance for postoperative rehabilitation treatment and evaluation are contained in the Clinical Topics guidelines, and/or Chronic Pain Guideline and/or Opioid Guideline. The post-operative rehabilitation treatment recommendations apply to visits during the post-operative period only and to surgeries as defined in those guidelines. At the conclusion of the post-operative period,~~

treatment reverts back to the applicable 24-visit limitation for chiropractic, occupational therapy, and physical therapy pursuant to Labor Code section 4604.5(c)(1).

~~(1) "General course of therapy" means the number of visits and/or time interval which shall be indicated for postsurgical treatment for the specific surgery in the postsurgical physical medicine treatment recommendations set forth in subdivision (d)(1) of this section.~~

~~(2) "Initial course of therapy" means one half of the number of visits specified in the general course of therapy for the specific surgery in the postsurgical physical medicine treatment recommendations set forth in subdivision (d)(1) of this section.~~

~~(3) "Postsurgical physical medicine period" means the time frame that is needed for postsurgical treatment and rehabilitation services beginning with the date of the procedure and ending at the time specified for the specific surgery in the postsurgical physical medicine treatment recommendations set forth in subdivision (d)(1) of this section. For all surgeries not covered by these guidelines the postsurgical physical medicine period is six (6) months.~~

~~(4) "Surgery" means a procedure listed in the surgery chapter of the Official Medical Fee Schedule with follow-up days of 90 days.~~

~~(5) "Visit" means a date of service to provide postsurgical treatment billed using the physical medicine section of the Official Medical Fee Schedule.~~

#### ~~(b) Application~~

~~(1) The postsurgical treatment guidelines apply to visits during the postsurgical physical medicine period only and to surgeries as defined in these guidelines. At the conclusion of the postsurgical physical medicine period, treatment reverts back to the applicable 24-visit limitation for chiropractic, occupational and physical therapy pursuant to Labor Code section 4604.5(d)(1).~~

#### ~~(c) Postsurgical Patient Management~~

~~(1) Only the surgeon who performed the operation, a nurse practitioner or physician assistant working with the surgeon, or a physician designated by that surgeon can make a determination of medical necessity and prescribe postsurgical treatment under this guideline.~~

~~(2) The medical necessity for postsurgical physical medicine treatment for any given patient is dependent on, but not limited to, such factors as the comorbid medical conditions; prior pathology and/or surgery involving same body part; nature, number and complexities of surgical procedure(s) undertaken; presence of surgical complications; and the patient's essential work functions.~~

(3) If postsurgical physical medicine is medically necessary, an initial course of therapy may be prescribed. With documentation of functional improvement, a subsequent course of therapy shall be prescribed within the parameters of the general course of therapy applicable to the specific surgery. If it is determined that additional functional improvement can be accomplished after completion of the general course of therapy, physical medicine treatment may be continued up to the end of the postsurgical physical medicine period.

(4) Patients shall be reevaluated following continuation of therapy when necessary or no later than every forty-five days from the last evaluation to document functional improvement to continue physical medicine treatment. Frequency of visits shall be gradually reduced or discontinued as the patient gains independence in management of symptoms and with achievement of functional goals.

(A) In the event the patient sustains an exacerbation related to the procedure performed after treatment has been discontinued and it is determined that more visits are medically necessary, physical medicine treatment shall be provided within the postsurgical physical medicine period.

(B) In cases where no functional improvement is demonstrated, postsurgical treatment shall be discontinued at any time during the postsurgical physical medicine period.

(5) Treatment is provided to patients to facilitate post-surgical functional improvement.

(A) The surgeon who performed the operation, a nurse practitioner or physician assistant working with the surgeon, or physician designated by that surgeon, the therapist, and the patient should establish functional goals achievable within a specified timeframe.

(B) Patient education regarding postsurgical precautions, home exercises, and self-management of symptoms should be ongoing components of treatment starting with the first visit. Intervention should include a home exercise program to supplement therapy visits.

(C) Modalities (CPT [as defined in section 9789.10(d)] codes 97010 through 97039) should only be performed in conjunction with other active treatments. Although these modalities are occasionally useful in the post-surgical physical medicine period, their use should be minimized in favor of active physical rehabilitation and independent self-management.

(d) Postsurgical Physical Medicine Treatment Recommendations

(1) The postsurgical physical medicine treatment recommendations, as listed below, indicate frequency and duration of postsurgical treatment for specific surgeries. The specified surgeries in these guidelines are not all inclusive. Requests for postsurgical physical medicine treatment not included in these guidelines shall be considered

pursuant to section 9792.21(d)(1). The physical medicine treatment recommendations (listed alphabetically) are adapted from the Official Disability Guidelines (ODG) except where developed by the Division of Workers' Compensation and indicated as "[DWC]." The postsurgical physical medicine period is identified by an asterisk [\*] as developed by DWC.

## **Postsurgical Treatment Guidelines**

### **Ankle & Foot**

Exercise program goals should include strength, flexibility, endurance, coordination, and education. Patients can be advised to do early passive range of motion exercises at home by a therapist. (Colorado, 2001) (Aldridge, 2004) This RCT (randomized controlled trial) supports early motion (progressing to full weight bearing at 8 weeks from treatment) as an acceptable form of rehabilitation in surgically treated patients with Achilles tendon ruptures. (Twaddle, 2007)

#### *Achilles tendon rupture (ICD9 727.67):*

Postsurgical treatment: 48 visits over 16 weeks

\*Postsurgical physical medicine treatment period: 6 months

#### *Ankle Sprain (ICD9 845.0):*

Postsurgical treatment: 34 visits over 16 weeks

\*Postsurgical physical medicine treatment period: 6 months

#### *Anterior tibial tendon [DWC]:*

Postsurgical treatment: 8 visits over 3 months

\*Postsurgical physical medicine treatment period: 6 months

#### *Amputation of foot (ICD9 896):*

Post-replantation surgery: 48 visits over 26 weeks

\*Postsurgical physical medicine treatment period: 12 months

Post-amputation treatment [DWC]: 48 visits over 26 weeks

\*Postsurgical physical medicine treatment period: 12 months

#### *Amputation of toe (ICD9 895):*

~~Post-replantation surgery: 20 visits over 12 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Dislocation of the peroneal tendons [DWC]:*~~

~~Postsurgical treatment: 8 visits over 3 months~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Enthesopathy of ankle and tarsus (ICD9 726.7):*~~

~~Postsurgical treatment: 9 visits over 8 weeks~~

~~\*Postsurgical physical medicine treatment period: 4 months~~

~~*Fracture of ankle (ICD9 824):*~~

~~Postsurgical treatment: 21 visits over 16 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Fracture of ankle, Bimalleolar (ICD9 824.4):*~~

~~Postsurgical treatment (ORIF): 21 visits over 16 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Postsurgical treatment (arthrodesis): 21 visits over 16 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Fracture of ankle, Trimalleolar (ICD9 824.6):*~~

~~Postsurgical treatment: 21 visits over 16 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Fracture of one or more phalanges of foot (ICD9 826):*~~

~~Postsurgical treatment: 12 visits over 12 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

Special Consideration *[DWC]*: Postsurgical physical medicine is rarely needed for ganglionectomy.

*Fracture of tibia and fibula (ICD9 823):*

Postsurgical treatment (ORIF): 30 visits over 12 weeks

\*Postsurgical physical medicine treatment period: 6 months

*Hallux rigidus (ICD9 735.2):*

Postsurgical treatment: 9 visits over 8 weeks

\*Postsurgical physical medicine treatment period: 4 months

*Hallux valgus (ICD9 735.0):*

Postsurgical treatment: 9 visits over 8 weeks

\*Postsurgical physical medicine treatment period: 4 months

*Hallux varus (ICD9 735.1):*

Postsurgical treatment: 9 visits over 8 weeks

\*Postsurgical physical medicine treatment period: 4 months

*Metatarsal stress fracture (ICD9 825):*

Postsurgical treatment: 21 visits over 16 weeks

\*Postsurgical physical medicine treatment period: 6 months

*Other hammer toe (ICD9 735.4):*

Postsurgical treatment: 9 visits over 8 weeks

\*Postsurgical physical medicine treatment period: 4 months

*Peroneal tendon repair [DWC]:*

Postsurgical treatment: 8 visits over 3 months

\*Postsurgical physical medicine treatment period: 6 months

*Posterior tibial tendonitis [DWC]:*

Postsurgical treatment: ~~8 visits over 3 months~~

\*Postsurgical physical medicine treatment period: 6 months

*Posterior tibial tenosynovitis (partial or complete rupture) [DWC]:*

Postsurgical treatment: ~~8 visits over 3 months~~

\*Postsurgical physical medicine treatment period: 6 months

### *Burns*

Recommended. Occupational therapy and physical therapy for the patient with burns may include respiratory management, edema management, splinting and positioning, physical function (mobility, function, exercise), scar management, and psychosocial elements. (Simons, 2003) As with any treatment, if there is no improvement after 2-3 weeks the protocol may be modified or re-evaluated.

Burns (ICD9 949):

Postsurgical treatment: ~~16 visits over 8 weeks~~

\*Postsurgical physical medicine treatment period: 6 months

*Cardiopulmonary [DWC]:*

*Coronary Stenting [DWC]:*

Postsurgical treatment: ~~36 visits over 18 weeks~~

\*Postsurgical physical medicine treatment period: 6 months

*Heart Valve repair/replacement [DWC]:*

Postsurgical treatment: ~~36 visits over 18 weeks~~

\*Postsurgical physical medicine treatment period: 6 months

*Percutaneous transluminal coronary angioplasty (PTCA) [DWC]:*

Postsurgical treatment: ~~36 visits over 18 weeks~~

\*Postsurgical physical medicine treatment period: 6 months

### *Carpal Tunnel Syndrome*

Recommended as indicated below. There is limited evidence demonstrating the effectiveness of PT (physical therapy) or OT (occupational therapy) for CTS (carpal tunnel syndrome). The evidence may justify 3 to 5 visits over 4 weeks after surgery, up to the maximums shown below. Benefits need to be documented after the first week, and prolonged therapy visits are not supported. Carpal tunnel syndrome should not result in extended time off work while undergoing multiple therapy visits, when other options (including surgery for carefully selected patients) could result in faster return to work. Furthermore, carpal tunnel release surgery is a relatively simple operation that also should not require extended multiple therapy office visits for recovery. Of course, these statements do not apply to cases of failed surgery and/or misdiagnosis (e.g., CRPS (complex regional pain syndrome) I instead of CTS). (Feuerstein, 1999) (O'Conner-Cochrane, 2003) (Verhagen-Cochrane, 2004) (APTA, 2006) (Bilic, 2006) Post surgery, a home therapy program is superior to extended splinting. (Cook, 1995) Continued visits should be contingent on documentation of objective improvement, i.e., VAS (visual analog scale) improvement greater than four, and long-term resolution of symptoms. Therapy should include education in a home program, work discussion and suggestions for modifications, lifestyle changes, and setting realistic expectations. Passive modalities, such as heat, iontophoresis, phonophoresis, ultrasound and electrical stimulation, should be minimized in favor of active treatments.

*Carpal tunnel syndrome (ICD9 354.0):*

Postsurgical treatment (endoscopic): 3-8 visits over 3-5 weeks

\*Postsurgical physical medicine treatment period: 3 months

Postsurgical treatment (open): 3-8 visits over 3-5 weeks

\*Postsurgical physical medicine treatment period: 3 months

*Elbow & Upper Arm*

*Arthropathy, unspecified (ICD9 716.9):*

Postsurgical treatment, arthroplasty, elbow: 24 visits over 8 weeks

\*Postsurgical physical medicine treatment period: 4 months

*Cubital tunnel release [DWC]:*

Postsurgical treatment: 20 visits over 3 months

\*Postsurgical physical medicine treatment period: 6 months

*Dislocation of elbow (ICD9 832):*

~~Unstable dislocation, postsurgical treatment: 10 visits over 9 weeks~~

~~\*Postsurgical physical medicine treatment period: 4 months~~

~~*ECRB / ECRL debridement [DWC]:*~~

~~Postsurgical treatment: 10 visits over 4 months~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*ECRB / ECRL tenotomy [DWC]:*~~

~~Postsurgical treatment: 10 visits over 4 months~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Elbow diagnostic arthroscopy and arthroscopic debridement [DWC]:*~~

~~Postsurgical treatment: 20 visits over 2 months~~

~~\*Postsurgical physical medicine treatment period: 4 months~~

~~*Elbow collateral ligament repair [DWC]:*~~

~~Postsurgical treatment: 14 visits over 6 months~~

~~\*Postsurgical physical medicine treatment period: 8 months~~

~~*Enthesopathy of elbow region (ICD9 726.3):*~~

~~Postsurgical treatment: 12 visits over 12 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Fracture of humerus (ICD9 812):*~~

~~Postsurgical treatment: 24 visits over 14 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Fracture of radius/ulna (ICD9 813):*~~

~~Postsurgical treatment: 16 visits over 8 weeks~~

~~\*Postsurgical physical medicine treatment period: 4 months~~

*Lateral epicondylitis/Tennis elbow (ICD9 726.32):*

~~Postsurgical treatment: 12 visits over 12 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

*Medial epicondylitis/Golfers' elbow (ICD9 726.31):*

~~Postsurgical treatment: 12 visits over 12 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

*Muscle or tendon transfers for elbow flexion [DWC]:*

~~Postsurgical treatment: 30 visits over 5 months~~

~~\*Postsurgical physical medicine treatment period: 8 months~~

*Rupture of biceps tendon (ICD9 727.62):*

~~Postsurgical treatment: 24 visits over 16 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

*Sprains and strains of elbow and forearm (ICD9 841):*

~~Postsurgical treatment/ligament repair: 24 visits over 16 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

*Traumatic amputation of arm (ICD9 887):*

~~Post-amputation treatment: without complications, no prosthesis [DWC]: 18 visits over 4 months~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Post-amputation treatment: without complications, with prosthesis [DWC]: 30 visits over 6 months~~

~~\*Postsurgical physical medicine treatment period: 9 months~~

~~Post-amputation treatment: with complications, no prosthesis [DWC]: 30 visits over 5 months~~

~~\*Postsurgical physical medicine treatment period: 7 months~~

~~Post-amputation treatment: with complications and prosthesis [DWC]: 40 visits over 8 months~~

~~\*Postsurgical physical medicine treatment period: 12 months~~

~~Post-replantation surgery: 48 visits over 26 weeks~~

~~\*Postsurgical physical medicine treatment period: 12 months~~

~~*Triceps repair [DWC]:*~~

~~Postsurgical treatment: 24 visits over 4 months~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Ulnar nerve entrapment/Cubital tunnel syndrome (ICD9 354.2):*~~

~~Postsurgical treatment: 20 visits over 10 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Forearm, Wrist, & Hand*~~

~~(Not including Carpal Tunnel Syndrome – see separate post-surgical guideline.)~~

~~Used after surgery and amputation. During immobilization, there was weak evidence of improved hand function in the short term, but not in the longer term, for early occupational therapy, and of a lack of differences in outcome between supervised and unsupervised exercises. Post-immobilization, there was weak evidence of a lack of clinically significant differences in outcome in patients receiving formal rehabilitation therapy, passive mobilization or whirlpool immersion compared with no intervention. There was weak evidence of a short-term benefit of continuous passive motion (post external fixation), intermittent pneumatic compression and ultrasound. There was weak evidence of better short-term hand function in patients given therapy than in those given instructions for home exercises by a surgeon. (Handoll-Cochrane, 2002) (Handoll-Cochrane, 2006)~~

~~*Amputation of arm, below the elbow [DWC]:*~~

~~Post-amputation treatment: without complications, no prosthesis: 18 visits over 4 months~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Post-amputation: without complications, with prosthesis: 30 visits over 6 months~~

~~\*Postsurgical physical medicine treatment period: 9 months~~

~~Post-amputation: with complications, no prosthesis: 30 visits over 5 months~~

~~\*Postsurgical physical medicine treatment period: 7 months~~

~~Post-amputation: with complications and prosthesis: 40 visits over 8 months~~

~~\*Postsurgical physical medicine treatment period: 12 months~~

~~*Amputation of hand (ICD9 887):*~~

~~Post-amputation treatment: without complications, no prosthesis [DWC]: 18 visits over 4 months~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Post-amputation treatment: with complications, no prosthesis [DWC]: 24 visits over 5 months~~

~~\*Postsurgical physical medicine treatment period: 7 months~~

~~Post-replantation surgery: 48 visits over 26 weeks~~

~~\*Postsurgical physical medicine treatment period: 12 months~~

~~*Amputation of thumb; finger (ICD9 885; 886):*~~

~~Post-replantation surgery: 36 visits over 12 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Post-amputation: Amputation of fingers without replantation [DWC]: 14 visits over 3 months~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Post-amputation: Amputation of thumb without replantation [DWC]: 16 visits over 3 months~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Arthropathy, unspecified (ICD9 716.9):*~~

~~Postsurgical treatment, arthroplasty/fusion, wrist/finger: 24 visits over 8 weeks~~

\*Postsurgical physical medicine treatment period: 4 months

*Contracture of palmar fascia (Dupuytren's) (ICD9 728.6):*

Postsurgical treatment: 12 visits over 8 weeks

\*Postsurgical physical medicine treatment period: 4 months

*Digital nerve repair [DWC]:*

Postsurgical treatment: 8 visits over 4 months

\*Postsurgical physical medicine treatment period: 6 months

*DIP joint intraarticular fracture at middle or distal phalanx [DWC]:*

Postsurgical treatment: 14 visits over 4 months

\*Postsurgical physical medicine treatment period: 6 months

*Dislocation of finger (ICD9 834):*

Postsurgical treatment: 16 visits over 10 weeks

\*Postsurgical physical medicine treatment period: 4 months

*Dislocation of wrist (ICD9 833):*

Postsurgical treatment (TFCC reconstruction): 16 visits over 10 weeks

\*Postsurgical physical medicine treatment period: 4 months

*Extensor tendon repair or tenolysis [DWC]:*

Postsurgical treatment: 18 visits over 4 months

\*Postsurgical physical medicine treatment period: 6 months

*Extensor tenosynovectomy [DWC]:*

Postsurgical treatment: 14 visits over 3 months

\*Postsurgical physical medicine treatment period: 6 months

*Flexor tendon repair or tenolysis Zone 2 and other than Zone 2 [DWC]:*

~~Postsurgical treatment: Flexor tendon repair or tenolysis Zone 2: 30 visits over 6 months~~

~~\*Postsurgical physical medicine treatment period: 8 months~~

~~Postsurgical treatment: Other than Zone 2: 20 visits over 3 months~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Flexor tenosynovectomy [DWC]:*~~

~~Postsurgical treatment: 14 visits over 3 months~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Flexor tendon repair (forearm) [DWC]:*~~

~~Postsurgical treatment: 12 visits over 4 months~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Fracture of carpal bone (wrist) (ICD9 814):*~~

~~Postsurgical treatment: 16 visits over 10 weeks~~

~~\*Postsurgical physical medicine treatment period: 4 months~~

~~*Fracture of metacarpal bone (hand) (ICD9 815):*~~

~~Postsurgical treatment: 16 visits over 10 weeks~~

~~\*Postsurgical physical medicine treatment period: 4 months~~

~~*Fracture of one or more phalanges of hand (fingers) (ICD9 816):*~~

~~Postsurgical treatment: Complicated, 16 visits over 10 weeks~~

~~\*Postsurgical physical medicine treatment period: 4 months~~

~~*Fracture of radius/ulna (forearm) (ICD9 813):*~~

~~Postsurgical treatment: 16 visits over 8 weeks~~

~~\*Postsurgical physical medicine treatment period: 4 months~~

~~*Ganglion and cyst of synovium, tendon, and bursa (ICD9 727.4):*~~

Postsurgical treatment: ~~18 visits over 6 weeks~~

~~\*Special Consideration: Postsurgical physical medicine is rarely needed for ganglionectomy.~~

~~*Intersection syndrome [DWC]:*~~

~~Postsurgical treatment: 9 visits over 3 months~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Median Nerve Repair: Forearm – Wrist [DWC]:*~~

~~Postsurgical treatment: 20 visits over 6 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*PIP and MCP capsulotomy/capsulectomy [DWC]:*~~

~~Postsurgical treatment: 24 visits over 2 months~~

~~\*Postsurgical physical medicine treatment period: 4 months~~

~~*PIP and MCP collateral ligament reconstruction [DWC]:*~~

~~Postsurgical treatment: 18 visits over 4 months~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*PIP and MCP collateral ligament repairs [DWC]:*~~

~~Postsurgical treatment: 12 visits over 4 months~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*PIP joint intraarticular fracture and or dislocation at proximal or middle phalanx [DWC]:*~~

~~Postsurgical treatment: Postsurgical treatment: 20 visits over 6 months~~

~~\*Postsurgical physical medicine treatment period: 8 months~~

~~*Proximal row carpectomy [DWC]:*~~

~~Postsurgical treatment: 20 visits over 6 months~~

~~\*Postsurgical physical medicine treatment period: 8 months~~

~~*Nerve Repair: Elbow – Wrist [DWC]*~~

~~Postsurgical treatment: 20 visits over 6 weeks~~

~~\*Postsurgical physical medicine treatment period: 8 months~~

~~*Radial styloid tenosynovitis (de Quervain's) (ICD9 727.04):*~~

~~Postsurgical treatment: 14 visits over 12 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Sprains and strains of elbow and forearm (ICD9 841):*~~

~~Post-surgical treatment/ligament repair: 24 visits over 16 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Synovitis and tenosynovitis (ICD9 727.0):*~~

~~Postsurgical treatment: 14 visits over 12 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Tendon transfer forearm, wrist or hand [DWC]:*~~

~~Postsurgical treatment: 14 visits over 4 months~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Tendon transfers – thumb or finger [DWC]:*~~

~~Postsurgical treatment: 26 visits over 4 months~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*TFCC injuries-debridement (arthroscopic) [DWC]:*~~

~~Postsurgical treatment: 10 visits over 10 weeks~~

~~\*Postsurgical physical medicine treatment period: 4 months~~

~~*Trigger finger (ICD9 727.03):*~~

Postsurgical treatment: 9 visits over 8 weeks

\*Postsurgical physical medicine treatment period: 4 months

*Ulnar nerve entrapment/Cubital tunnel syndrome (ICD9 354.2):*

Postsurgical treatment: 20 visits over 10 weeks

\*Postsurgical physical medicine treatment period: 6 months

*Wrist – intercarpal ligament reconstruction or repair [DWC]:*

Postsurgical treatment 20 visits over 6 months

\*Postsurgical physical medicine treatment period: 8 months

### *Head*

Patient rehabilitation after traumatic brain injury is divided into two periods: acute and subacute. In the beginning of rehabilitation therapist evaluates patient's functional status, later he uses methods and means of treatment, and evaluates effectiveness of rehabilitation. Early ambulation is very important for patients with coma. Therapy consists of prevention of complications, improvement of muscle force, and range of motions, balance, movement coordination, endurance and cognitive functions. Early rehabilitation is necessary for traumatic brain injury patients and use of therapy methods can help to regain lost functions and to come back to the society. (Colorado, 2005) (Brown, 2005) (Franckeviciute, 2005) (Driver, 2004) (Shiel, 2001)

*Fracture of skull (ICD9 801):*

Postsurgical treatment: 34 visits over 16 weeks

\*Postsurgical physical medicine treatment period: 6 months

### *Hernia*

Not recommended. No evidence of successful outcomes compared to surgery.

*Hip, Pelvis and Thigh (femur)*

A therapy program that starts immediately following hip surgery allows for greater improvement in muscle strength, walking speed and functional score. (Jan, 2004) (Jain, 2002) (Penrod, 2004) (Tsauo, 2005) (Brigham, 2003) (White, 2005) (National, 2003) A weight-bearing exercise program can improve balance and functional ability to a greater extent than a non-weight-bearing program. (Expert, 2004) (Binder, 2004) (Bolgia, 2005) (Handoll, 2004) (Kuisma, 2002) (Lauridsen, 2002) (Mangione, 2005) (Sherrington, 2004) Patients with hip fracture should be offered a coordinated multidisciplinary

rehabilitation program with the specific aim of regaining sufficient function to return to their pre-fracture living arrangements. (Cameron, 2005) Accelerated perioperative care and rehabilitation intervention after hip and knee arthroplasty (including intense therapy and exercise) reduced mean hospital length of stay (LOS) from 8.8 days before implementation to 4.3 days after implementation. (Larsen, 2008)

*Arthrodesis [DWC]:*

Postsurgical treatment: 22 visits over 3 months

\*Postsurgical physical medicine treatment period: 6 months

*Arthropathy, unspecified (ICD9 716.9):*

Postsurgical treatment, arthroplasty/fusion, hip: 24 visits over 10 weeks

\*Postsurgical physical medicine treatment period: 4 months

*Fracture of neck of femur (ICD9 820):*

Postsurgical treatment: 24 visits over 10 weeks

\*Postsurgical physical medicine treatment period: 4 months

*Fracture of pelvis (ICD9 808):*

Postsurgical treatment: 24 visits over 10 weeks

\*Postsurgical physical medicine treatment period: 4 months

*Osteoarthritis and allied disorders (ICD9 715):*

Post-surgical treatment: 18 visits over 12 weeks

\*Postsurgical physical medicine treatment period: 6 months

*Synovectomy [DWC]:*

Postsurgical treatment: 14 visits over 3 months

\*Postsurgical physical medicine treatment period: 6 months

*Knee*

Controversy exists about the effectiveness of therapy after arthroscopic partial meniscectomy. (Goodwin, 2003) Functional exercises after hospital discharge for total

knee arthroplasty result in a small to moderate short-term, but not long-term, benefit. In the short-term therapy interventions with exercises based on functional activities may be more effective after total knee arthroplasty than traditional exercise programs, which concentrate on isometric muscle exercises and exercises to increase range of motion in the joint. (Minns-Lowe, 2007) Accelerated perioperative care and rehabilitation intervention after hip and knee arthroplasty (including intense therapy and exercise) reduced mean hospital length of stay (LOS) from 8.8 days before implementation to 4.3 days after implementation. (Larsen, 2008)

*Amputation of leg (ICD9-897):*

Post-replantation surgery: 48 visits over 26 weeks

\*Postsurgical physical medicine treatment period: 12 months Post-amputation [DWC]:  
48 visits over 6 months

\*Postsurgical physical medicine treatment period: 8 months

*Arthritis (Arthropathy, unspecified) (ICD9-716.9):*

Postsurgical treatment, arthroplasty, knee: 24 visits over 10 weeks

\*Postsurgical physical medicine treatment period: 4 months

*Dislocation of knee; Tear of medial/lateral cartilage/meniscus of knee; Dislocation of patella (ICD9-836; 836.0; 836.1; 836.2; 836.3; 836.5):*

Postsurgical treatment: (Meniscectomy): 12 visits over 12 weeks

\*Postsurgical physical medicine treatment period: 6 months

*Fracture of neck of femur (ICD9-820):*

Postsurgical treatment: 18 visits over 8 weeks

\*Postsurgical physical medicine treatment period: 6 months

*Fracture of other and unspecified parts of femur (ICD9-821):*

Postsurgical treatment: 30 visits over 12 weeks

\*Postsurgical physical medicine treatment period: 6 months

*Fracture of patella (ICD9-822):*

Postsurgical treatment: 10 visits over 8 weeks

\*Postsurgical physical medicine treatment period: 4 months

*Fracture of tibia and fibula (ICD9 823):*

Postsurgical treatment (ORIF): 30 visits over 12 weeks

\*Postsurgical physical medicine treatment period: 6 months

*Manipulation under Anesthesia (knee) [DWC]:*

Postsurgical treatment: 20 visits over 4 months

\*Postsurgical physical medicine treatment period: 6 months

*Old bucket handle tear; Derangement of meniscus; Loose body in knee;  
Chondromalacia of patella; Tibialis tendonitis (ICD9 717.0; 717.5; 717.6; 717.7; 726.72):*

Postsurgical treatment: 12 visits over 12 weeks

\*Postsurgical physical medicine treatment period: 4 months

*Sprains and strains of knee and leg; Cruciate ligament of knee (ACL tear) (ICD9 844;  
844.2):*

Postsurgical treatment: (ACL repair): 24 visits over 16 weeks

\*Postsurgical physical medicine treatment period: 6 months

*Low Back*

As compared with no therapy, therapy (up to 20 sessions over 12 weeks) following disc herniation surgery was effective. Because of the limited benefits of therapy relative to massage, it is open to question whether this treatment acts primarily physiologically, but psychological factors may contribute substantially to the benefits observed. (Erdogmus, 2007)

*Artificial Disc [DWC]:*

Postsurgical treatment: 18 visits over 4 months

\*Postsurgical physical medicine treatment period: 6 months

*Fracture of vertebral column with spinal cord injury (ICD9 806):*

Postsurgical treatment: 48 visits over 18 weeks

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Fracture of vertebral column without spinal cord injury (ICD9 805):~~

~~Postsurgical treatment: 34 visits over 16 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Intervertebral disc disorder with myelopathy (ICD9 722.7):~~

~~Postsurgical treatment: 48 visits over 18 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Intervertebral disc disorders without myelopathy (ICD9 722.1; 722.2; 722.5; 722.6; 722.8):~~

~~Postsurgical treatment (discectomy/laminectomy): 16 visits over 8 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Postsurgical treatment (arthroplasty): 26 visits over 16 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Postsurgical treatment (fusion): 34 visits over 16 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Spinal stenosis (ICD9 724.0):~~

~~See 722.1 for postsurgical visits~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Neck & Upper Back~~

~~Displacement of cervical intervertebral disc (ICD9 722.0):~~

~~Postsurgical treatment (discectomy/laminectomy): 16 visits over 8 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Postsurgical treatment (fusion, after graft maturity): 24 visits over 16 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Degeneration of cervical intervertebral disc (ICD9 722.4):*~~

~~See 722.0 for postsurgical visits~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Fracture of vertebral column without spinal cord injury (ICD9 805):*~~

~~Postsurgical treatment: 34 visits over 16 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Fracture of vertebral column with spinal cord injury (ICD9 806):*~~

~~Postsurgical treatment: 48 visits over 18 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Shoulder*~~

~~*Acromioclavicular joint dislocation (ICD9 831.04):*~~

~~AC separation, type III+: 8 visits over 8 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Adhesive capsulitis (ICD9 726.0):*~~

~~Postsurgical treatment: 24 visits over 14 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Arthritis (Osteoarthritis; Rheumatoid arthritis; Arthropathy, unspecified) (ICD9 714.0; 715; 715.9; 716.9):*~~

~~Postsurgical treatment, arthroplasty, shoulder: 24 visits over 10 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~*Brachial plexus lesions (Thoracic outlet syndrome) (ICD9 353.0):*~~

~~Postsurgical treatment: 20 visits over 10 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Complete rupture of rotator cuff (ICD9 727.61; 727.6):~~

~~Postsurgical treatment: 40 visits over 16 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Dislocation of shoulder (ICD9 831):~~

~~Postsurgical treatment (Bankart): 24 visits over 14 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Fracture of humerus (ICD9 812):~~

~~Postsurgical treatment: 24 visits over 14 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Rotator cuff syndrome/Impingement syndrome (ICD9 726.1; 726.12):~~

~~Postsurgical treatment, arthroscopic: 24 visits over 14 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Postsurgical treatment, open: 30 visits over 18 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~Sprained shoulder; rotator cuff (ICD9 840; 840.4):~~

~~Postsurgical treatment (RC repair/acromioplasty): 24 visits over 14 weeks~~

~~\*Postsurgical physical medicine treatment period: 6 months~~

~~(2) Appendix C – Postsurgical Treatment Guidelines Evidence-Based Reviews (May, 2009) is incorporated by reference into the MTUS as supplemental part of the Postsurgical Treatment Guidelines. A copy of Appendix C may be obtained from the Medical Unit, Division of Workers' Compensation, P.O. Box 71010, Oakland, CA 94612-1486, or from the DWC web site at <http://www.dwc.ca.gov>.~~

~~(3) Appendix E – Postsurgical Treatment Guidelines Work Loss Data Institute-Official Disability Guidelines References (May, 2009) is incorporated by reference into the MTUS as supplemental part of the Postsurgical Treatment Guidelines. A copy of Appendix E may be obtained from the Medical Unit, Division of Workers' Compensation, P.O. Box 71010, Oakland, CA 94612-1486, or from the DWC web site at <http://www.dwc.ca.gov>.~~

Note: Authority cited: Sections 133, 4603.5, 5307.3 and 5307.27, Labor Code.  
Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.

**§ 9792.24.4. Opioids Treatment Guidelines.**

~~(a) The Opioids Treatment Guidelines (July 2016) consisting of two parts, is entitled "The Guideline for the Use of Opioids to Treat Work-Related Injuries," and is adopted and incorporated by reference into the MTUS. Part 1 contains the executive summary, abbreviated treatment protocols, background information, complete recommendations, and appendices with useful tools for clinicians. Part 2 contains supplemental information consisting of a discussion of the medical evidence supporting the recommendations and a summary of recommendations from other guidelines that were reviewed. These guidelines replace the existing parts of the MTUS that refer to opioid use. A copy of the Opioids Treatment Guidelines may be obtained from the Medical Unit, Division of Workers' Compensation, P.O. Box 71010, Oakland, CA 94612-1486, or from the DWC web site at <http://www.dwc.ca.gov>. The Administrative Director adopts and incorporates by reference the Opioids Guideline (ACOEM April 20, 2017) into the MTUS from the ACOEM Practice Guidelines.~~

(b) The Opioids Treatment Guidelines describes the appropriate use of opioid medications as part of an overall multidisciplinary treatment regimen for acute, sub-acute, post-operative, and chronic non-cancer pain. ~~These~~ guidelines apply when the use of opioid medications is being considered as part of the treatment regimen.

Note: Authority cited: Sections 133, 4603.5, 5307.3 and 5307.27, Labor Code.  
Reference: Sections 77.5, 4600, 4604.5 and 5307.27, Labor Code.



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# Initial Approaches to Treatment

---

Effective Date: June 30, 2017

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# Chronic Pain Guideline

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# Eye Disorders

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