

Response ID:949 Data

1. Section 1: About You (Note: only Fellow members of AAPM&R may serve as the lead author and should complete the application. Non-Fellow members may serve as co-authors)

1. Name

First Name : Lawrence
Middle Name (initial) : G.
Last Name : Chang
Credential : DO, MPH

2. Email:

lchangdo2789@gmail.com

3. Institution:

Rothman Orthopaedics

4. Are you a member of AAPM&R?

Yes

5. AAPM&R Membership Status or Category:

Fellow (Board Certified)

2. Clinical Topics: You may apply for a maximum of 5 topics

6. First Topic: For Which Section Do You Want To Apply?

Musculoskeletal Medicine

7. First Topic: Which topic in the section you just selected do you want to write/refresh?

Shoulder Instability, Dysfunction and Scapular Dyskinesis
<https://now.aapmr.org/shoulder-instability-dysfunction-and-scapular-dyskinesis/>

8. Do you want to apply for a second topic?

Yes

9. Second Topic: For Which Section Do You Want To Apply?

Pain/Neuromuscular Medicine Rehabilitation

10. Second Topic: Which topic in the section you just selected do you want to write/refresh?

Thoracic Outlet Syndrome
<https://now.aapmr.org/thoracic-outlet-syndrome/>

11. Do you want to apply for a third topic?

Yes

12. Third Topic: For Which Section Do You Want To Apply?

Pain/Neuromuscular Medicine Rehabilitation

13. Third Topic: Which topic in the section you just selected do you want to write/refresh?

SI Joint Pain

<https://now.aapmr.org/si-joint-pain/>

14. Do you want to apply for a fourth topic?

Yes

15. Fourth Topic: For Which Section Do You Want To Apply?

Essentials of Rehabilitation Practice and Science

16. Fourth Topic: Which topic in the section you just selected do you want to write/refresh?

Specialized Musculoskeletal Examination

<https://now.aapmr.org/specialized-musculoskeletal-examination/>

17. Do you want to apply for a fifth (and final) topic?

Yes

18. Fifth Topic: For Which Section Do You Want To Apply?

Musculoskeletal Medicine

19. Fifth Topic: Which topic in the section you just selected do you want to write/refresh?

Posterior Cruciate Ligament (PCL) Injuries

<https://now.aapmr.org/posterior-cruciate-ligament-pcl-injuries/>

20. Do you have previous writing experience?

Yes

21. Please describe the extent of your writing experience:

I have written very much for sports coverage books and topics in the past. Also, have written for AAPMR knowledge NOW in the past for many topics. Please see below my past publications, abstracts, and scholarly works. Thank you.

Chang LG, Benjamin B, Ardeshirzadeh S. Alternative and Complementary Approaches. PM&R Knowledge NOW. New York, NY. Published on 11/17/2021. <https://now.aapmr.org/alternative-and-complementary-approaches/#overview-and-description>

Chang LG, Ardeshirzadeh S, Benjamin B. Hip and pelvic arthropathies and labral tears. PM&R Knowledge NOW. New York, NY. Published on 11/08/2021. <https://now.aapmr.org/hip-and-pelvic-arthropathies-and-labral-tears/>

Chang LG, Zaman NN, Chang RG. A Clinical Vignette of a Runner's Frustrating Groin Pain. AJPMR. Published on 06/25/2021. https://journals.lww.com/ajpmr/Citation/9000/A_Clinical_Vignette_of_a_Runner_s_Frustrating.97637.aspx

Chang LG, Zar S, Seidel B, Kurra A, Gitkin A. COVID-19 Prone Ventilation and Its Possible Association with Foot Drop: A Case Series. Cureus. Published on 04/08/2021. <https://www.cureus.com/articles/56591-covid-19-proned-ventilation-and-its-possible-association-with-foot-drop-a-case-series>.

Ramin J, Chang LG, Chang RG. In: Cooper G, Curtis S, Miranda G, Herrera JE, eds. Cervical Spine Injuries in Essential Sports Medicine: A Clinical Guide to Students, Residents, and Fellows, 2nd ed. New York, NY. Springer. Published on 04/2021 <https://www.springer.com/gp/book/9783030643157#aboutBook>.

Seidel B, Chang L, Greenberg A. Therapeutic Modalities. PM&R Knowledge NOW. New York, NY. Published on 03/11/2021. <https://now.aapmr.org/therapeutic-modalities/>.

Morice K, Chang L, et al. Medial and Lateral Collateral Ligament Injuries. In: Conditions & Treatments. AAPM&R/PM&R Knowledge NOW. New York, NY. Published on 11/05/2020. <https://www.aapmr.org/about-physiatry/conditions-treatments/musculoskeletal-medicine/medial-and-lateral-collateral-ligament-injuries>. <https://www.aapmr.org/about-physiatry/conditions-treatments/author-acknowledgement>.

Seidel B, Chang L, et al. Obesity. In: Conditions & Treatments. AAPM&R/PM&R Knowledge NOW. New York, NY. Published on 11/05/2020. <https://www.aapmr.org/about-physiatry/conditions-treatments/medical-rehabilitation/obesity>. <https://www.aapmr.org/about-physiatry/conditions-treatments/author-acknowledgement>.

Cho Y, Chang LG, Miranda-Comas G. Chapter 37: Archery. In: Miranda-Comas G, Patel P, Herrera JE, Micheo W. Sports Coverage: The Handbook for the Sports Medicine Clinician. New York, NY. Springer/Demos. Published on 10/22/2020. <https://connect.springerpub.com/content/book/978-0-8261-4296-2/part/part05/chapter/ch37>.

Chang RG, Chang LG. Chapter 17: Karate. In: Miranda-Comas G, Patel P, Herrera JE, Micheo W. Sports Coverage: The Handbook for the Sports Medicine Clinician. New York, NY. Springer/Demos. Published on 10/22/2020. <https://connect.springerpub.com/content/book/978-0-8261-4296-2/part/part03/chapter/ch17>.

Vasquez-Galliano J, Kimawi I, Chang L. Biomechanic of Gait and Treatment of Abnormal Gait Patterns. PM&R Knowledge NOW. New York, NY. Published on 08/03/20. <https://now.aapmr.org/biomechanic-of-gait-and-treatment-of-abnormal-gait-patterns/>.

Seidel B, Chang L, Lau T. Contractures. PM&R Knowledge NOW. New York, NY. Published on 07/30/20. <https://now.aapmr.org/contractures/>.

Trovato E, Lau T, Chang L, Pechman K. Ethical Issues Commonly Managed During Rehabilitation. PM&R Knowledge NOW. New York, NY. Published on 07/30/2020. <https://now.aapmr.org/ethical-issues-commonly-managed-during-rehabilitation/>.

Beckwith M, Chang L, Davidoff C, Hosseini M, Park A, Winkle M. Team PM&R to the Rescue! A Pandemic Story. *Physiatry in Motion*: Issue 18. Published on 07/22/2020. <https://spark.adobe.com/page/Ke5wrSsrM5p8m/>.

Oh-Park M, Chang L, Cho Y. Pes Planus/Adult Acquired Flat Foot Deformity. PM&R Knowledge NOW. New York, NY. Published 12/08/2019. <https://now.aapmr.org/pes-planuscavus/>.

Oh-Park M, Cho Y, Chang L. Pes Cavus. PM&R Knowledge NOW. New York, NY. Published 12/18/2019. <https://now.aapmr.org/pes-cavus/>.

Kuruvilla B, Chang L, Cho Y. Manual Treatments. PM&R Knowledge NOW. New York, NY. Published 12/06/2019. <https://now.aapmr.org/manual-treatments/>.

Rand E, Sorkin L, Chang LG, Patel P, Armstrong H, Bishop L, Skavhaug I, Joshi S, Stein J. A single surface EMG interface to control multiple degrees of freedom in stroke survivors. *American Academy of Physical Medicine and Rehabilitation*. PM&R 7(9):S107; September 2015. https://www.researchgate.net/publication/282896415_Poster_47_A_Single_Surface_EMG_Interface_to_Control_Multiple_Degrees_of_Freedom_in_Stroke_Survivors.

Aboulhosn P, Michalak N, Chang LG. Chronic Unilateral Biceps Muscle Weakness and Pain After Surgery. AMSSM 2024. April 12-17, Baltimore, MD.

Desai P, Tse K, Chang LG. Atypical Refractory Posterior Knee Swelling. AMSSM 2024. April 12-17, Baltimore, MD.

Patel KV, Burg B, Chang LG. Battle Scars: An Unusual Presentation of Gluteal Pain. AMSSM 2024. April 12-17, Baltimore, MD.

Lew M, Benjamin B, Lee V, Chang LG. Atypical Post-Operative Impingement Causing Baxter's Neuropathy. AAP 2023. February 21-24, Anaheim, California.

Benjamin B, Chang LG. Case of Chronic Anterior Ankle Pain. AMSSM 2023. April 28-May 3, Phoenix, AZ.

Lee V, Chang LG, Benjamin B, Lew M, Wang L. Persistent Post-Traumatic Knee Pain in Young Adult Male Post-Surgical Intervention. AAP 2023. February 21-24, Anaheim, California.

Chang LG, Mehech DF, Patel P. Bizarre Hip Pain in a Recreational Dancer. AMSSM 2022. April 8-13, Austin, Texas.

Benjamin B, Chang LG, Song A, Drakes SM, Vazquez-Galliano J. Chronic Anterior Knee Pain in a Young Basketball Player. AMSSM 2022. April 8-13, Austin, Texas.

Lew M, Chang LG, Patel P. Impingement in a 49 Year-Old Boxer. AMSSM 2022. April 8-13, Austin, Texas.

Lekshminarayanan A, Aboulhosn P, Chang LG. Epidemiology of Badminton-related Injuries in the United States Emergency Departments, 2011-2020. AMSSM 2022. April 8-13, Austin, Texas.

Lekshminarayanan A, Aboulhosn P, Chang LG. Epidemiology of Martial arts related Injuries in the United States Emergency Departments, 2011-2020. AMSSM 2022. April 8-13, Austin, Texas.

Chang LG, Lekshminarayanan A, Aboulhosn P. Epidemiology of Kickboxing Versus Karate-related Injuries in the United States Emergency Departments 2011-2020. AMSSM 2022. April 8-13, Austin, Texas.

Chang LG, Aboulhosn P, Lekshminarayanan A. Epidemiology of Taekwondo Versus Judo-related Injuries in the United States Emergency Departments, 2011-2020. AMSSM 2022. April 8-13, Austin, Texas.

Lew M, Chang LG, Patel P. Tracking the Evolution of Occult Parsonage-Turner Syndrome. AAP 2022. February 1-5, New Orleans, Louisiana.

Ardeshirzadeh S, Chang LG, Seldin J. High Dose Vitamins and Supplements for COVID-19 Related Exacerbation of Migraine Headaches. AAP 2022. February 1-5, New Orleans, Louisiana.

Lebron B, Chang LG, Patel P. Patellar Tendon Hydrodissection Under Ultrasound Guidance. AAP 2022. February 1-5, New Orleans, Louisiana.

Benjamin B, Chang LG, Seidel B. Isolated Corticospinal Tract Injury in a Mixed Martial Arts Fighter. AAP 2022. February 1-5, New Orleans, Louisiana.

Sim M, Ortiz N, Chang LG, Vasquez-Galliano J. Persistent Knee Pain after Motorcycle Accident. ACSM 2021. June 1-5, Washington, DC.

Ghanbari G, Chang LG, Greenberg A, Gruber L. Rare Case of Guillain Barre Syndrome Associated with Lyme Neuroborreliosis. AAP 2021. February 9-13, Anaheim, California.

Zar S, Chang LG, Hill KR, Singh A. Development of Latissimus Dorsi Muscle Hematoma Linked to Anticoagulation and Exercise: A Case Report. AAP 2021. February 9-13, Anaheim, California.

Zar S, Chang LG. COVID-19 Hypercoagulability Resulting in Lower Limb Amputation: A Case Report. AAP 2021. February 9-13, Anaheim, California.

Chang LG, Greenberg A, Pontee N, Abdou A, Sheehan N, Dundee K. Rehabilitative Innovations for a Medically Complex Sternectomy Patient. AAP 2021. February 9-13, Anaheim, California.

Chang LG, Zar S, Spunberg D, Seidel B, Greenberg A. High Dose Vitamins for COVID-19 Patient in Acute Respiratory Distress Syndrome and Cytokine Storm. AAP 2021. February 9-13, Anaheim, California.

Chang LG, Vaidya S, Chang RG, Kuruvilla B, Lau T. Dizzy Spells in an Avid Cyclist and Horseback Rider. AMSSM 2020. Poster Presentation. April 24-29, Atlanta, Georgia.

Zaman NN, Pantoja-Portugal W, Chang RG, Chang LG. A Runner's Frustrating Injury: Here We Groin Again. AMSSM 2020. Poster Presentation. April 24-29, Atlanta, Georgia.

Chang LG, Seidel B. The Angle of Louis Maneuver: A Novel Alternative to the Sternal Rub Technique. ISPRM/AAP. Poster Presentation. March 4-9, 2020, Orlando, Florida.

Chang LG, Elashvili M, Ardeshirzadeh S. Cryptogenic Stroke and Heterozygous Methylene-Tetra-Hydro-Folate-Reductase (MTHFR) Polymorphism. ISPRM/AAP. Poster Presentation. March 4-9, 2020, Orlando, Florida.

Kim N, Chang LG, Elashvili M. Unexplained Tachycardia in Neurologic Patients in an Acute Rehabilitation Setting. ISPRM/AAP. Poster Presentation. March 4-9, 2020, Orlando, Florida.

Cho Y, Chang LG, Elashvili M. Does Marijuana Smoking Increase Risk of Atrial Fibrillation (AF) and Stroke? ISPRM/AAP. Poster Presentation. March 4-9, 2020, Orlando, Florida.

Chang LG. Noxious Stimulus at Manubriosternal Joint to Awaken the Deep Cardiac Plexus in a Stuporous Patient: A Case Report. NYSPMR Research Night. Presentation. June 5th, 2019. New York, NY.

Chang LG, Dohle C, Mohamed S. Osteopathic Manipulation for Intractable Headaches in a Patient with Stiff Person Syndrome. International Society of Physical Medicine and Rehabilitation. Poster Presentation. June 9-13, 2019, Kobe, Japan.

Chang LG, Bashir D, Elashvili M. Marijuana Use as a Silent Trigger for Strokes. International Society of Physical Medicine and Rehabilitation. Poster Presentation. June 9-13, 2019, Kobe, Japan.

Chang LG, Oh-Park M. Osteopathic Oscillatory Therapy for Acute Severely Tender Contusion in a Marathon Runner. International Society of Physical Medicine and Rehabilitation. Poster Presentation. June 9-13, 2019, Kobe, Japan.

Muaaz M, Chang LG. The Immunological Component of Pancreatitis – a Taken for Granted Diagnosis. 2018 American College of Physicians (ACP) National Conference. Poster Presentation. June 2, 2018, Westchester, NY.

Chi M, O'Dell M, Quiroigico K, Taub M, Toglia J, Chang LG. Factors at Discharge from Inpatient Stroke Rehabilitation Associated with Community Participation. 2017 Association of Academic Physiatrists (AAP) Annual Meeting. Poster Presentation. February 7-11, 2017, Las Vegas, NV.

Patel P, Chang LG, Stein J. Brain Computer Interface for Prosthetic Grasping in Stroke Subjects. 2015 Association of Academic Physiatrists (AAP) Annual Meeting. RREMS Paper Presentations. March 12, 2015, San Antonio, TX.

IN PROCESS

Libby Jina, Chang L. Zygoma Fracture (ZF). 5 Minute Consult. Submitted and Updated on 7/2024

22. Please describe the extent of your expertise on the topic(s) you have selected:

I have experience as a sports physiatrist managing the above conditions and see very much in my practice. I am interested in writing more extensive reviews on the above topics as I feel I can contribute new ideas with evidence based literature.

23. Will you have Co-Authors?

Yes

24. Co-Author contact information:

	Full Name	Email
Co-Author 1	Tracie Dang, DO	traciedang92@gmail.com
Co-Author 2	Mike Lem, MD	mrlem61493@gmail.com
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Co-Author 4	Gabrielle Avancena, MD	Gabrielle.Avancena@nyulangone.org

3. Disclosure and Copyright

25. I have a relevant Financial Relationship to disclose:

No

Disclosure Information:

	Company/Institution	Type of Relationship
1.		
2.		
3.		
4.		
5.		