

# 2023 NEHS Annual Meeting Abstract Submission

COMPLETE

NEHS Vice President, Daniel Mastella, M.D., is currently accepting abstract submissions for presentation at our Annual Meeting on December 1, 2023.

This meeting will be held at the Sturbridge Host Hotel in Sturbridge, MA.

Therapists, NPs, and PAs are also encouraged to submit.

THE DEADLINE FOR SUBMISSION IS OCTOBER 15, 2023

RESIDENTS AND FELLOWS ONLY. Please indicate if you want your paper to be considered for the prestigious H.Kirk Watson, M.D. Founder's Award. The abstracts for award consideration will be presented in the morning and the award will be presented in the afternoon.

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## CREATED



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## IP ADDRESS



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## \* ABSTRACT TITLE

Dupuytren's Disease: An Autoimmune Phenomenon? Case Report and Review

## \* Contact Person Name

Ammr Al-Houssan

## \* Contact Person Email

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**\* Name of who will present abstract at NEHS meeting on December 1, 2023 Please note that the same person cannot present more than one abstract at the meeting.**

Ammr Al-Houssan

## \* Please indicate if the presenter is:

Resident

**\* List full names of abstract authors Please note - one of the lead authors must be present at the meeting to answer questions about the paper.**

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Kristina Kuklova, MD, MBA  
Abdel Salous, MD, PhD  
Ella Babigian  
Sara Babigian  
Alan Babigian, MD

**\* ABSTRACT - should include background information and a description of methods, programs, or practices.**

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Dupuytren's disease (DD) is a fibroproliferative disorder of the hand causing fibrosis of the palmar/digital fascia, leading to nodules, cords, contractures, and significant flexion deformities and disability. Although the disease is well described in histology, the exact etiology is unknown. It is widely accepted to have genetic and environmental triggers and is more predominant in males as well as individuals of northern European extraction (Scandinavian, Celtic, and Scottish). Over the years, DD has been associated with autoimmune states, which prompts questions regarding its immunoregulatory etiology. We previously presented here case report relating DD in the setting of an African-American male with vitiligo. Now, we review a new case of a Portuguese male with metastatic melanoma, negative relevant family history, and no history of trauma. He was placed on immunotherapy to treat the melanoma and subsequently developed bilateral DD shortly thereafter. This case may reinforce the theories regarding DD as an autoimmune disease. We present relevant literature review as well.

**Please attach files with diagrams and/or photos to support your abstract (10 MB limit)**

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**\* Please attach the abstract presenter's CV**

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