

Faculty Panel: Medical Literature Review I

Presented by:

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Disclosure

Drs. Bloch, Dachs, Higgins, Raukar, & Russell have no financial interests or relationships to disclose.



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Support Materials

For this session the support material is located in your syllabus.

Those joining via webcast can download materials at <https://www.cmemeeting.org/cme-conferences/2024-10-06-sd/handouts>



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Learning Objectives

- Discuss the pros/cons of 0/2 and 0/1-hour troponin protocols
- Recognize the dangers associated with insulin bolus delivery in DKA
- Understand that “back-up” strep cultures are not worthwhile
- Determine whether topical NSAID’s or corticosteroids are worthwhile in the management of acute musculoskeletal back pain
- Compare sensitivities of urine vs swab specimens in evaluating patients with potential STI’s.

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Article #1a, b – Dr. Dachs

Article #1a: Health and Economic Benefits of Routine Childhood Immunizations in the Era of Vaccines for Children Program – United States, 1994-2023.

Zhou F, et al. MMWR Aug 8, 2024; 73: 682-5.

Article #1b: Trust in Physicians and Hospitals During the COVID-19 Pandemic in a 50-State Survey of US Adults.

Perlis RH et al. JAMA Network Open July 31, 2024; e2424984

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Article #2 – Dr. Higgins

Article #2: High-sensitivity Point-of-care Whole blood cardiac troponin I measurement to rule out acute Myocardial infarction at low risk.

Apple FS, et al. Circulation 2022; 146: 1918-29.

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Article #3 – Dr. Bloch

Article #3: Safety of an Initial Insulin Bolus in the treatment of diabetic ketoacidosis.

Fischer DP, et al. Jour of Pharm Practice 2024: 37: 690-95.

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Article #4 – Dr. Russell

Article #4: Negative RADT and bacterial growth on throat culture.

Hradowy K, et al. J Urgent Care Med 2023; 17: 27-32

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Article #5a, b – Dr. Raukar

Article #5A : Topical Diclofenac versus oral ibuprofen versus Diclofenac + Ibuprofen for Emergency Department patients with acute low back pain: A randomized trial.

Khankkel N, et al. Ann Emerg Med 2024; 83: 542-551.

Article #5B: Article: What is the role of systemic corticosteroids for radicular and nonradicular low back pain.

Gottlieb M, et al. Ann Emerg Med 2023; 82: 164-66.

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Article #6 – Dr. Block

Article 6: Vaginal swab vs Urine for detection of Chlamydia trachomatis, Neisseria gonorrhoeae, and Trichomonas vaginalis: A meta-analysis.

Aaron KJ, et al. Ann Fam Med 2023; 21: 172-79.

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Article #7 – Dr. Dachs

Article #7: Poison Ivy dermatitis treatment patterns and Utilization: A retrospective Claims-based analysis.

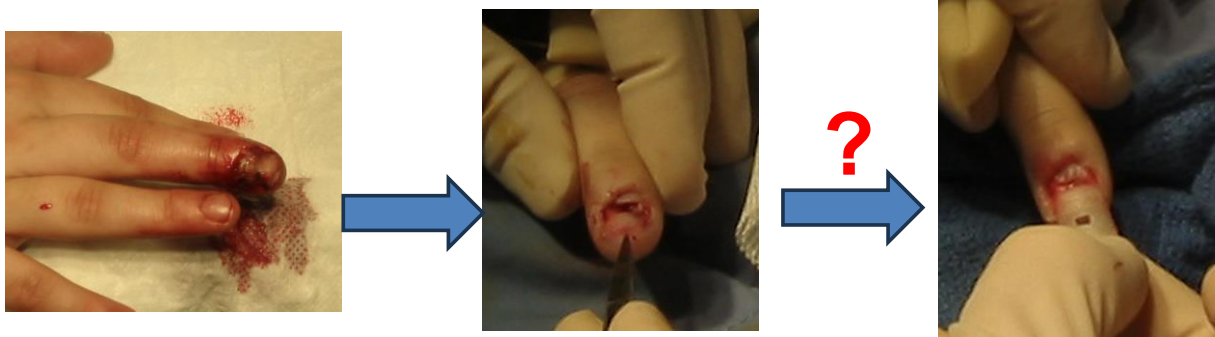
Butt M, et al . West J Emerg Med 2022; 23: 481-88.

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Article #8 – Dr. Raukar

Article 8a: : Effectiveness of nail bed repair in children with or without replacing the fingernail: NINJA multicentre randomized clinical trial.

Jain A, et al. BJS 2023; 110: 432-38



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Article #9a,b – Dr. Higgins Clinical Controversy #1

Article 9A: Red Blood Cell Transfusion: 2023 AABB International Guidelines

Carson JL, et al. JAMA 2023; 330: 1892-1902.

Article 9B: Restrictive or liberal transfusion strategy in Myocardial Infarction and anemia.

Carson JL, et al. NEJM 2023; 389: 2446-56.

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Article #10 – Dr. Russell

Article 10: Vacation Days taken, Work during Vacation, and Burnout among US Physicians

Sinsky CA, et al. JAMA Network Open 2024; 7(1): e2351635.