

Editing Hope: Gene Therapy in Duchenne Muscular Dystrophy

Pharmacy Grand Rounds 2026 | Advocate Health

April 14, 2026, 12:00PM-1:00PM CT/1:00PM-2:00PM ET

Reynolds Tower-Penthouse Conference Room 1 and Virtual via Teams

Overview: In this presentation, we will discuss the pathophysiology and clinical presentation of Duchenne Muscular Dystrophy, current treatment modalities, future directions of gene therapy, and barriers to care. We will describe the mechanism of action and literature supporting current treatments including glucocorticoids, exon skipping therapies, histone deacetylase inhibitors, and micro-dystrophin gene therapies.

Speakers: Joshua Kota, PharmD, and Mackenzie Pearsall, PharmD, PGY1 Pharmacy Residents – Atrium Health Wake Forest Baptist Medical Center

Preceptor: Mary Subramanian, PharmD, BCPS, BCPPS

Objectives:

1. Recall pathophysiology and genetic mutations associated with Duchenne Muscular Dystrophy
2. Classify medications used for Duchenne Muscular Dystrophy based on mechanism of action
3. Select a treatment plan for a patient with newly diagnosed Duchenne Muscular Dystrophy
4. Identify barriers to gene therapy access for patients and health systems

Target Audience: Advocate Health Pharmacists, Physicians, Nurses, and other interested healthcare professionals

Link to Pharmacy Grand Rounds 2026 Sessions: [Pharmacy Grand Rounds 2026 | Advocate Health](#)

Disclosure: The planner(s) and speaker(s) have indicated that there are no relevant financial relationships with any ineligible companies to disclose.

Commercial Support: There is no financial support for this activity.

Accreditation Statement:



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Credit Statement(s):

Accreditation Council for Pharmacy Education (ACPE):

Advocate Health designates this live activity for a maximum of 1 hour of CPE credit for pharmacists. CPE credit can be claimed on the AH CE platform within 60 days of activity completion and information will be provided to CPE Monitor. Participants should only claim credit commensurate with the extent of their participation in the activity.

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Questions about this activity? Elaine.r.thomas@advocatehealth.org