

## The Clinical, Social, and Economic Implications of Neurogenic Bladder in Managed Care: Optimizing Patient Management and Outcomes

This supplement to *The American Journal of Managed Care* is intended to provide an understanding of the pathophysiology of neurogenic bladder (NGB) and its impact on patient health and quality of life. The discussion will include an overview of appropriate diagnosis and assessment of patients with NGB/neurogenic detrusor overactivity and a review of roles, benefits, and risks of approved and emerging therapies. Also included is an analysis of economic and healthcare utilization impact associated with NGB and its consequences.

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### ■ Faculty

#### David Ginsberg, MD

Associate Professor of Clinical Urology  
Department of Urology  
Keck School of Medicine  
University of Southern California  
Los Angeles, California

Chief, Department of Urology  
Rancho Los Amigos National Rehabilitation Center  
Downey, California

#### William J. Cardarelli, PharmD

Director of Pharmacy Revenue and Supply  
Atrius Health  
Harvard Vanguard Medical Associates  
Watertown, Massachusetts

### ■ Contributing Editorial Support

#### Elizabeth Paczolt, MD, FACNM

Medical Consultant  
Churchville, Pennsylvania

### ■ Faculty Disclosures

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#### David Ginsberg, MD

*Consultant or paid advisory board/honoraria:* Allergan, Inc, American Medical Systems, and Pfizer  
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**William J. Cardarelli, PharmD**, and **Elizabeth Paczolt, MD, FACNM**, have no relevant financial relationships with commercial interests to disclose.

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#### University of Cincinnati

Planning Staff—Susan P. Tyler, MEd, CMP, CCMEP, has no relevant financial relationships with commercial interests to disclose.

Physician Reviewer—Rick Ricer, MD, has no relevant financial relationships with commercial interests to disclose.

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**Estimated time to complete activity:** 2.5 hours

**Type of activity:** Knowledge

**Medium:** Print with internet-based posttest, evaluation, and request for credit.

This activity is supported by an educational grant from Allergan, Inc.

## Intended Audience

Medical directors, pharmacy directors, specialty pharmacists, and other managed care professionals who oversee the treatment of patients with neurogenic bladder.

## Statement of Educational Need

Neurogenic bladder (NGB) is a disorder of the lower urinary tract created by damage to or diseases of the nervous system. Found in many patients with various neurological disorders (eg, multiple sclerosis, Parkinson's disease, spinal cord injury), NGB may lead to problematic symptoms and complications including urinary incontinence, frequency, and urgency; infection; involvement of the upper urinary tract; and kidney disease. While the clinical disease burden alone is difficult for patients and those managing their disorders, the significant negative impact of NGB on health-related quality of life and associated economic costs can be devastating for patients already burdened with neurological disorders. Healthcare utilization may be excessive in patients with NGB, including office and emergency department visits and subsequent hospitalizations. Clinicians managing affected patients are faced with a myriad of complex choices when deciding upon appropriate medical and/or surgical interventions to relieve bothersome symptoms, especially urinary incontinence. Therapies must provide maximum benefits while minimizing risk for adverse events. A thorough knowledge and understanding of available and emerging medical and surgical treatment options for NGB is vital in choosing appropriate treatment pathways and optimizing response to therapy and individual outcomes.

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## Educational Objectives

*Upon completion of the educational activity, the participants should be able to:*

- Evaluate the pathophysiology of neurogenic bladder and its impact on patient health and quality of life
- Diagnose and assess patients with neurogenic bladder/neurogenic detrusor overactivity to plan therapy and management
- Distinguish the roles, benefits, and risks of approved and emerging therapies for neurogenic bladder/neurogenic detrusor overactivity
- Delineate the economic and healthcare utilization impact associated with neurogenic bladder and its consequences

## Activity Fee

**Physician:** This activity is free of charge for physician participants requesting AMA PRA Category 1 Credit™.

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## Physician Credit

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### Accreditation and Credit Designation



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**Obtaining Credit:** Participants must read each article in this supplement, complete the posttest achieving a passing score of 70% or higher, and complete an evaluation and request for credit. Detailed instructions on obtaining CE credit are included on the evaluation/posttest page contained in this supplement.

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