

Educational needs assessment  
of nurses involved in the care of  
patients with myasthenia gravis

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Amy Perrin Ross<sup>1</sup>, Georgina Burke<sup>2</sup>, Caroline  
Carmichael<sup>3</sup>, Emiko Chiba<sup>4</sup>, Jerrica Farias<sup>5</sup>, Jude  
Kings<sup>2</sup>, Núria Vidal-Fernández<sup>6</sup>, Tuan Vu<sup>5</sup>, Natasha  
Monin<sup>7</sup>, Thaïs Tarancón<sup>8</sup>, Chioma Ezenduka<sup>9</sup>

<sup>1</sup>Loyola University Medical Center, Maywood, IL, USA; <sup>2</sup>University Hospital  
Southampton NHS Foundation Trust, Southampton, UK; <sup>3</sup>Queen Elizabeth  
University Hospital, Glasgow, UK; <sup>4</sup>Hanamaki General Hospital, Hanamaki,  
Japan; <sup>5</sup>Department of Neurology, University of South Florida Morsani College  
of Medicine, Tampa, FL, USA; <sup>6</sup>Hospital Santa Creu i Sant Pau, Barcelona, Spain;  
<sup>7</sup>UCB, Malvern, Australia; <sup>8</sup>UCB, Madrid, Spain; <sup>9</sup>UCB, Raleigh, NC, USA

Summary

- Nurses have an important, multifaceted role, bringing unique perspectives to patient care
- There is an urgent need for tailored nurse-specific resources in MG
- The development of targeted educational resources for nurses involved in the management of patients with MG will facilitate their professional development, help to clarify the MG nurse career path, and ultimately improve disease management
- The MG Global Nurse Steering Committee is a dedicated community of nurses with specialized experience in MG who are working to develop resources, exchange ideas and solidify the importance of the nurse in MG management

Background

Nurses with specialized disease knowledge have an integral and diverse role in providing coordinated care and support to patients, as part of a multidisciplinary team<sup>1,2</sup>

MG is a rare, chronic, autoimmune neuromuscular disease characterized by fluctuating and fatigable muscle weakness<sup>3,4</sup>

Due to the heterogeneity of MG, a multidisciplinary team is essential for effective patient management<sup>1</sup>

— It follows that nurses with specialized experience in MG care are an essential part of the MG clinical team

The importance of the role of the nurse in  
MG management, as described by physicians  
specializing in the treatment of patients with MG:



“In our clinic, a neuromuscular physician [diagnoses] all the new patients...Then our APPs take over the **day-to-day management**...get to know the patients well and provide them with **support on all aspects of their MG care**...They also bring their **expertise** to our **research activities**... This arrangement allows the doctors to have time to see new patients expeditiously and to initiate treatment with the least delay. I travel frequently and am **absolutely confident** that my patients are in **expert hands** when I am not in the clinic.”

**Professor Vu,**  
University of South Florida, USA



“Having a nurse with specialist MG knowledge has **enhanced the care** we provide to our patients living with MG. We can share workload, enabling **closer monitoring** of our patients, and **better address their medical, social and psychological needs**.”

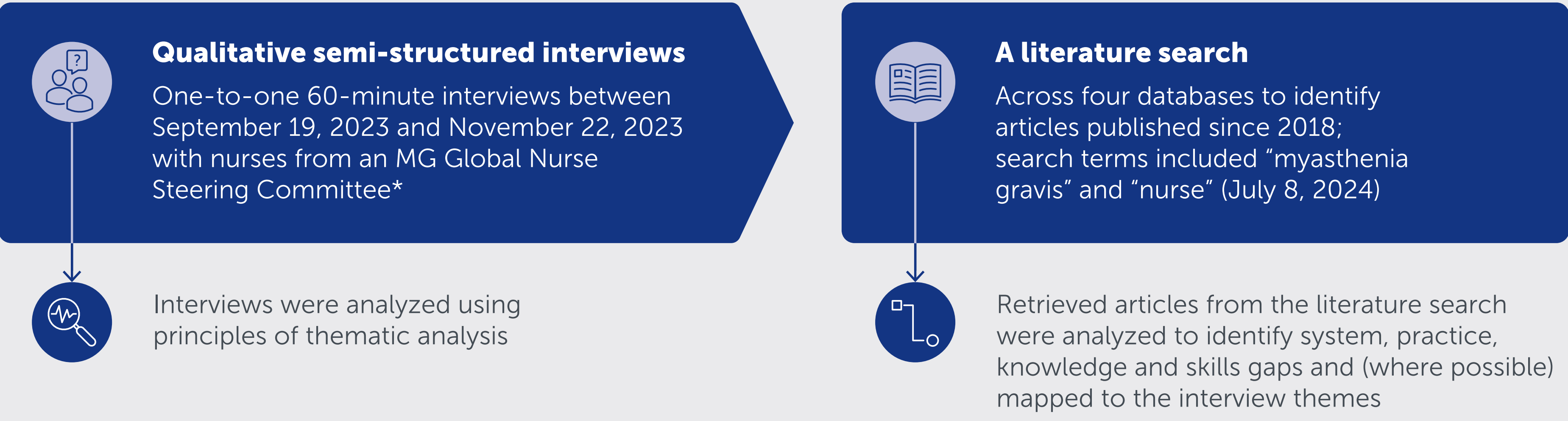
**Dr Burke,**  
University Hospital Southampton, UK

**Objective:** This learning needs assessment aimed to elucidate the educational needs and professional practice gaps of nurses caring for adults with MG

These data were previously presented at the Immunoglobulin National Society 14th National Conference, Dallas, TX, USA; October 16–19, 2025

Methods

To answer the question “**What are the key learning and practice needs of nurses involved in the treatment and management of MG?**” we conducted:



\*The MG Global Nurse Steering Committee guides the development of nurse-specific materials for MG on the Rare Disease Connect in Neurology website.

The Steering Committee comprised six nurses with specialized experience in MG care

Nurses fulfilled roles as coordinators, educators  
and patient advocates, but reported an absence of  
educational provisions throughout their career

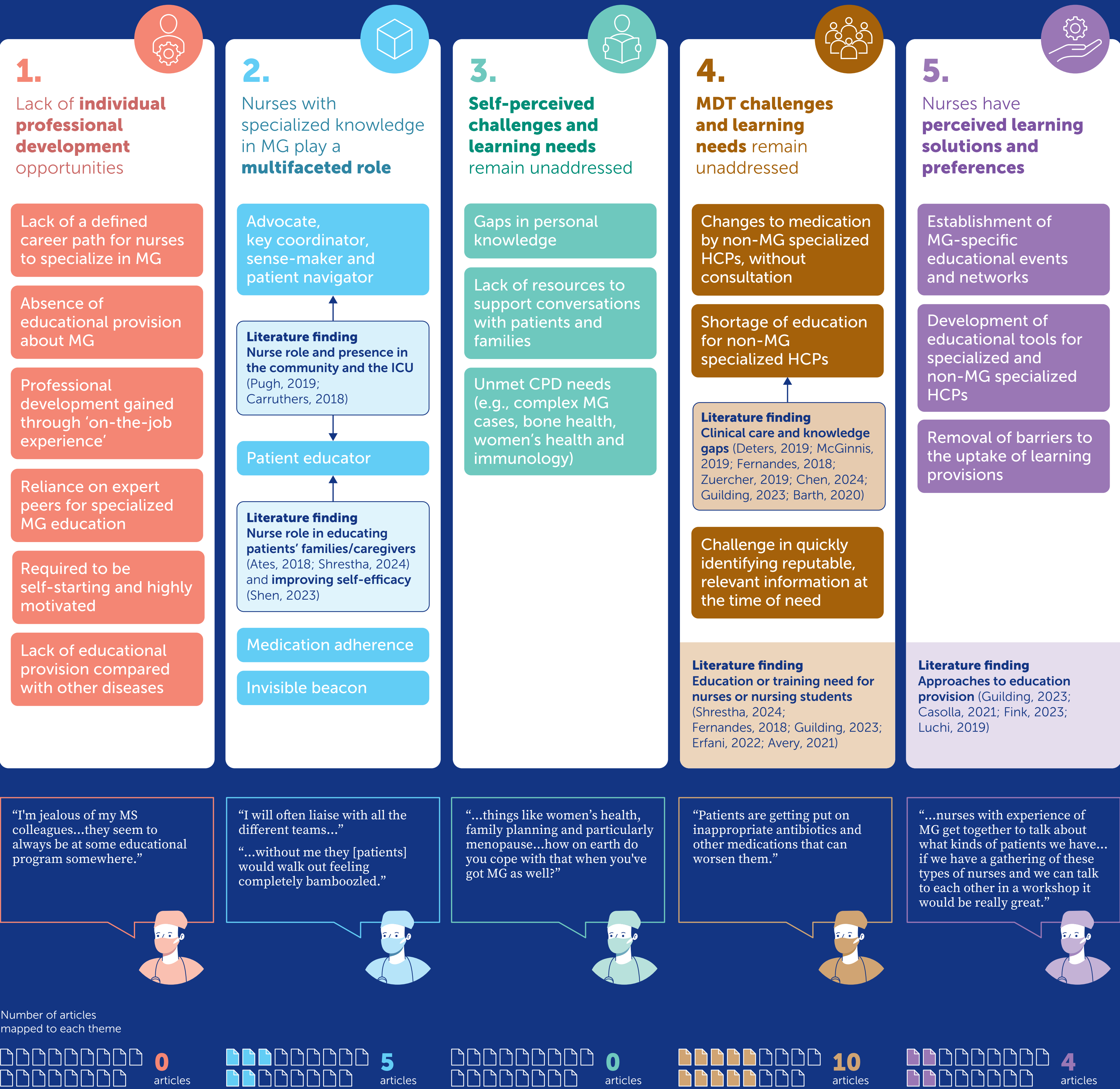
Results

The literature search yielded **24 articles** (17 reviews, five primary research reports, one clinical practice guideline and one case review), which were analyzed to identify system, practice, knowledge and skills gaps

**Five overarching themes**, each with a number of subthemes, were identified from thematic analysis of the semi-structured interviews with **six nurses** (UK: n=2; Spain: n=1; USA: n=2 and Japan: n=1)

In total, **17** of the retrieved articles from the literature search **mapped** to these overarching themes or the identified subthemes

The overarching themes of **individual professional development** and **self-perceived challenges and learning needs** which both highlighted the individual experiences and needs of the interviewed nurses, were **uniquely reflected in the interviews**



**Abbreviations:** APP, advanced practice provider; CPD, continuing professional development; HCP, healthcare professional; ICU, intensive care unit; MDT, multidisciplinary team; MG, myasthenia gravis; MS, multiple sclerosis; PCP, primary care physician.

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