Stepping Stones to Living Well with Dysphagia
Stepping Stones to Living Well with Dysphagia

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Preface

Oropharyngeal dysphagia is a major complaint among many patients with neurological diseases and in the elderly. Oropharyngeal dysphagia is specifically classified by the World Health Organization in the International Statistical Classification of Diseases and Related Health Problems ICD-9 and ICD-10 (787.2, R13). The severity of oropharyngeal dysphagia varies from moderate difficulty to complete inability to swallow, and may give rise to clinically relevant complications such as aspiration pneumonia, malnutrition and/or dehydration, impaired quality of life and death. There is a big discrepancy between the high prevalence, morbidity, mortality and costs caused by nutritional and respiratory complications of oropharyngeal dysphagia and the low level of resources dedicated to dysphagic patients.

The main aim of the Second International Course on Oropharyngeal Dysphagia, the 72nd Nestlé Nutrition Institute Workshop ‘Stepping Stones to Living Well with Dysphagia’ held at the Hospital de Mataró, Spain, May 5–6, 2011, was to educate on science-based state-of-the-art practices in dysphagia patient care to improve the clinical management of our patients with oropharyngeal dysphagia. Our aim was to give the attendants five messages about oropharyngeal dysphagia to take home: (a) oropharyngeal dysphagia is a very frequent and serious symptom with specific nutritional and respiratory complications that can lead to death; (b) dysphagia can be diagnosed, and we provided them clinical methods for screening and complementary explorations for accurate diagnosis; (c) dysphagia can be treated, and treatment is cost-effective because complications are avoided; (d) diagnosis and treatment of dysphagia require a multidisciplinary approach involving several professional domains and interdisciplinary dysphagia care, and (e) research into new strategies is required to understand the pathophysiology and new treatments for impaired swallow response.

Over the two days of the course, we heard top dysphagia specialists from around the world present and discuss the state-of-the-art of science-based methods of diagnosis, treatment and dysphagia patient care. In addition, several practical sessions with real patients, discussion of clinical cases and practices
with products provided the participants with real examples of application of all this knowledge in a real clinical setting. The program of the course was also designed to promote networking, communication and interaction within attendants and speakers. This publication promoted by the Nestlé Nutrition Institute includes some of the most relevant presentations of the course, and the conclusions provide a short summary and conclusions of the discussions and deliberations during the meeting.

We believe that identification of oropharyngeal dysphagia as a major neurological and geriatric syndrome will cause many changes in the provision of medical and social services in the near future. Education of health care professionals in diagnosis and treatment of dysphagia and its complications, early diagnosis, development of specific complementary explorations in the clinical setting, improvement in therapeutic strategies to avoid aspirations and malnutrition, and research into its pathophysiology are the cornerstones to allow maximal recovery potential for patients with functional oropharyngeal dysphagia. This book represents an excellent starting point for this process.

Julie Cichero
Pere Clavé
Foreword

Epidemiologic studies suggest that 22% of individuals over 50 years suffer from dysphagia, while the prevalence rises to nearly 40% in those over 60 years. Despite its high prevalence, dysphagia is severely underdiagnosed (in 60% of cases) and permitted to go unmanaged (in 66% of cases), even in clinical settings providing specialized care of older adults. Sadly, poorly managed dysphagia is known to diminish patient quality of life and heighten morbidity, mortality, and costs.

Due to the multifactorial etiology and clinical complications associated with dysphagia, the comprehensive needs of patients are best treated by a multidisciplinary health care team. In an effort to spread the use of science-based, state-of-the-art practices in dysphagia, the Nestlé Nutrition Institute organized the 2nd International Course on Oropharyngeal Dysphagia themed ‘Stepping Stones to Living Well with Dysphagia,’ which was also the 72nd in the series of Nestlé Nutrition Institute Workshops. The 2-day theoretical and practical educational event took place at Mataró Hospital in Spain. The program enabled leading clinicians including nurses, speech-language pathologists, dietitians, nutritionists, gastroenterologists, and additional specialties to connect and share best practices with other dysphagia specialists from across the world.

A major success of the course was to bring together a diverse group, from specialists involved in medical practice to those immersed in research including engineers and other scientists. The program stimulated thinking beyond the current approach and inspired consideration of different science-based practices. Participants learned about novel, validated methods that could be applied in daily practice, as well as emerging therapies for dysphagia. All gained skill at a comprehensive set of evidence-based clinical methods for screening, assessing, diagnosing, and identifying the best treatment strategies.

Robust discussion took place. Having a multicultural and multidisciplinary audience made it clear that there are slight differences between countries in dysphagia definitions and in practices. However, the attendees had similar concerns about a shortage of well-organized multidisciplinary teams with well-trained members. Interactive discussions led to a general consensus among participants
on the need for further investigation, continued interaction, and greater collaboration. Specifically, the need for developing international standards and patient management protocols that cover several patient groups, rather than having different tools for specific populations. The fact that dysphagia suffers from a lack of recognition by health authorities was a topic of concern for all participants. In order to convince health authorities of the importance of dysphagia, two aspects were proposed as necessary to demonstrate: first, reliable data on the severity of the condition being common among elderly, and second, economic data to demonstrate that the complications associated with dysphagia like malnutrition or aspiration pneumonia considerably increase cost to the healthcare system. All attendees agreed that outcomes would come sooner not by working in isolation, but by working together.

The interest and efforts of many made it possible to take these steps forward as a result of the Workshop. Our thanks go to: the 72nd Nestlé Nutrition Institute Workshop Book Co-Editors, Dr. Julie Cichero from Australia, and Dr. Pere Clavé from Spain, who both exemplify the strong multidisciplinary team collaboration essential for quality dysphagia patient management, as well as the presenters, session facilitators, and attendees, who shared their expertise and perspectives to permit such a rich learning experience.

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