Sleep medicine certification for physicians in Spain

To the Editor:

Sleep medicine is a rapidly growing field. At present, there is a lack of standardisation and the quality of clinical decisions may vary widely. The best way to resolve this problem is to establish a procedure for certification, for both centres and physicians [1]. However, the implementation of a procedure of this kind is difficult, for a variety of reasons; for example, the wide range of criteria applied by different professional societies and the apparent perception that sleep diseases belong to different medical specialties. To date, several procedures have been developed to perform the certification process. In some countries, for instance, the USA [1–3], sleep medicine is considered an independent medical subspecialty, and in Germany [4, 5] and Saudi Arabia [6], its status as a subspecialty has been officially acknowledged. In other countries, expertize is certified by scientific societies or academic institutions. The European Sleep Research Society started to certify sleep physicians in 2012 and it recently published its catalogue for sleep medicine certification [7, 8].

The understanding of sleep among specialists in fields such as psychiatry, ear, nose and throat (ENT) medicine, respiratory medicine, neurophysiology, neurology, and paediatrics tends to vary, and obviously all these experts need to share a common body of knowledge. Sleep medicine is a complex field requiring a considerable range of expertise, which a single physician is unlikely to possess. We think that the creation of interdisciplinary teams is the most promising approach: a similar language and a shared basic knowledge can facilitate a level of discussion between all the different specialists that is likely to lead to improvements in the practice of sleep medicine.

In our opinion, the process of certification should be the same for all the specialties inside sleep medicine in order to be able to ensure accurate clinical evaluation and to diagnose and treat the most common sleep entities, such as insomnia, snoring, sleep apnoea, ENT problems, restless leg syndrome, and other less frequent sleep diseases such as narcolepsy, rapid eye movement behaviour disorder, or other diseases that require mechanical ventilation. Certification would also improve the processes of referring rare diseases or the most complex cases of common diseases to the pertinent specialist [3, 9].

Here we describe the process of certification for physicians recently implemented in Spain. In common with other multispecialty certification systems and following (at least in part) the recommendations of the European Sleep Research Society guidelines [7, 8], this process was developed after an agreement between the main scientific medical societies involved in sleep medicine in Spain: the Respiratory Society (SEPAR), the Neurological Society (SEN), the Psychiatric Society, the ENT Society and the Sleep Society. The certification procedure is performed for a broad spectrum of sleep disorders and does not focus only on respiratory or paediatric sleep medicine. Physicians with >10 years’ experience in sleep medicine are eligible to take the examination but the certification process has two general requirements. First, candidates must obtain 30 European credits for admission to the evaluation process and second, they must attend a 3-day course (12 h per day) on which the major sleep diseases and procedures are discussed. The course is divided into three parts: theoretical knowledge, case discussion and a practical hands-on session. Finally, candidates must pass an examination with both a theoretical and a practical section.

Some months before the course, participants receive a carefully selected list of recently reviewed papers on issues in sleep diseases and procedures. The distribution of the topics is approximately as follows: 12% physiology and pharmacology, 20% evaluation, 30% sleep-related respiratory diseases, 30% sleep-related neurological and psychiatric diseases (insomnia, hypersomnias and sleep-related movement disorders), 5% specific paediatric sleep diseases, and 3% sleep in other medical disorders. We believe that the most important aspect of the evaluation process is the 3-day course in which physicians interact with their peers in a friendly, supportive environment, and which clearly helps to standardise patient management. A 30-min lecture on each topic is followed by a general discussion that lasts for around 2 h, coordinated by two specially appointed experts. The examination contains 40 theoretical questions concerning all areas of sleep medicine. Examples of these questions are: 1) the role of different neurotransmissions; 2) the characteristics of cannulas and thermistors; and 3) criteria for mechanical ventilation. The practical
examination is in two parts: first, 10 questions on the typical traces of a full PSG; and then, the connection of a number of sensors for polysomnography or some mechanical ventilation settings.

The first course was held in May 2013 and was attended by physicians with >10 years practice and working either part-time or full-time in sleep medicine. 56 senior physicians working in sleep medicine in Spain attended the course and participated actively in the discussions. The level of satisfaction was high (with a mean satisfaction score of 18 out of 20) and all participants reported a significant improvement in their knowledge of sleep medicine. The participants considered that the most difficult questions were related to physiology and mechanical ventilation. In 2014, 50 out of 60 applicants were selected to take part in the course and the examination. In 2013 and 2014, a total of 105 candidates obtained certification, from the following medical specialties: 57 respiratory physicians, 35 clinical neurophysiologists, six neurologists, five ENT physicians, one psychiatrist and one internist.

Finally, the Spanish Health Authorities have recently created a specific competence area focussed on the recognition of new and emerging medical disciplines (e.g. neonatology). There is considerable backing for the inclusion of sleep medicine as a specific competence in the next updates of the law. The official recognition of sleep medicine as a subspecialty has the wide-ranging support of Spanish medical societies, as shown by their participation in the common certification process.

A further step would be to establish a similar certification process for sleep technologists and to develop educational opportunities for physicians who are not directly involved in sleep medicine.

@ERSpublications

There should be a procedure for certification of sleep centres and physicians

Josep M. Montserrat, Joaquin Terán-Santos and F. Javier Puertas
Spanish Committee of Sleep Medicine (CEAMS), Madrid, Spain.

Correspondence: Josep M. Montserrat, Sleep Unit, Hospital Clinic, C/ Villarroel 170, Barcelona 08036, Spain.
E-mail: jmmontserrat@ub.edu

Received: Oct 10 2014 | Accepted after revision: Dec 05 2014

Conflict of interest: None declared.

References

Q1 All *ERJ* articles now contain a single-sentence take-home message for use on social networks such as Twitter. You will find this at the end of the main text of your article. Please amend this as necessary but note that there is a strict length limit of 117 characters including spaces.