Body: INTRODUCTION. The pressure to contain health costs leads to the need of more cost-effective patients' management strategies. Alternative telemedicine-based approaches, such as teleconsultation, have been increasingly recognized as potential alternatives for patients' clinical follow-up, but final users' perception is still unclear. AIM. To evaluate the patients and physicians' opinion of a follow-up visit based on teleconsultation. METHODS. We enrolled 50 consecutive Sleep Apnea patients who came to our sleep centre for a follow-up visit. After agreeing to participate, each patient was accompanied in front of an equipped PC and performed a teleconsultation with a physician. Once the televisit finalized, the patient answered anonymously to a multiple-choice questionnaire regarding his/her opinion about the teleconsultation. Besides, 15 randomly selected physicians performed a televisit at our hospital with patients and then were asked to give their opinion through a 5-point Likert scale questionnaire (1=not useful, 5=very useful). RESULTS. More than 90% of the patients were satisfied with the televisit and 66% answered that the televisit could replace 50-100% of the CPAP follow-up visits. Physicians’ answer to the question about the televisit utility to evaluate basic aspects of patient’s status was 4.5±0.6 (mean ± SD) and about the televisit capability to satisfactorily interview the patient was 4.3±0.8. Physicians believed that teleconsultations could avoid 47.5±21.9% of face-to-face medical visits. CONCLUSION. The opinion of the interviewed patients and physicians about teleconsultation support the use of this telemedicine approach as a potential valuable strategy for patients' clinical follow-up. (Support: SEPAR).