Abstract
The cochlear implants (CI) are devices that transform the sounds and noises of the environment into electrical signal capable of acting on the cochlear nerve and provoke an auditory sensation. The aim of this article is to check the scientific available evidence on the costs, efficiency, utility or benefit of this therapeutic technology. The question to which it is tried to answer is if this technology, with the current information, is capable of providing a benefit for the well-established subject analyzing the relative contribution of the CI in the improvement of the hearing of the patients with deafness, that is to say, his efficiency, and, on the other hand, to determine his cost in health (complications, morbidity, etc.) and his economic cost, and with it to analyze his efficiency in comparison with the abstention or another therapeutic alternative. As the second intention, there are checked aspects of efficiency of the technology, selection of the candidates, indications, contraindications, limitations of the technology, complications associated with the same one, results, criteria of programming and rehabilitation, and the requirements for the putting in march of CI´s program.

Keywords
Cochlear implant, electrical stimulation, bioelectricity.