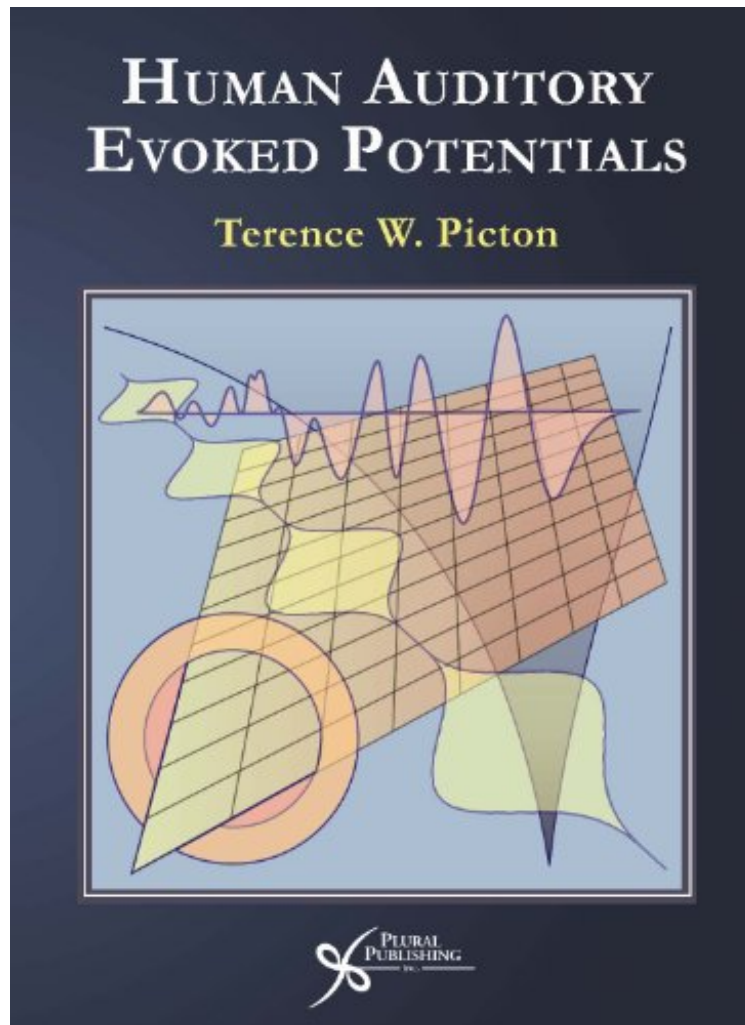


# Human Auditory Evoked Potentials

Terence Picton

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**Terence Picton : Human Auditory Evoked Potentials** before purchasing it in order to gauge whether or not it would be worth my time, and all praised Human Auditory Evoked Potentials:

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This book reviews how we can record the human brain's response to sounds, and how we can use these recordings to assess hearing. These recordings are used in many different clinical situations: the identification of hearing impairment in newborn infants, the detection of tumors on the auditory nerve, the diagnosis of multiple sclerosis. As well, they are

used to investigate how the brain is able to hear how we can attend to particular conversations at a cocktail party and ignore others, how we learn to understand the language we are exposed to, why we have difficulty hearing when we grow old. This book is written by a single author with wide experience in all aspects of these recordings. The content is complete in terms of the essentials. The style is clear equations are absent and figures are multiple. The intent of the book is to entertain as much as to teach allusions are made to fields beyond the ear and the chapters discuss the importance of the phenomena as well as describing their nature.

This book will no doubt be used to educate audiology and hearing science students. However, this could also serve as a good text book for neuroscience and/or psychology students with an interest in human AEPs. This book is much more than a simple summary of what is known about AEPs: it is full of scientific and clinical insights. It includes many discussions of topics that are incompletely understood, and where there is conflicting evidence. This book is a "must-read" for anyone who is considering a dissertation in the area of AEPs, or anyone else beginning to work in this area. This book is very well-written. It is filled with plenty of helpful figures. --Robert Burkard, Department of Rehabilitation Science, University of Buffalo Journal of the Acoustical Society of America, July 2012 --Journal of the Acoustical Society of America  
About the Author Terry Picton has studied the auditory evoked potentials for the past half-century. After his medical training, he obtained a doctorate in Neuroscience with Robert Galambos at the University of California, San Diego. He then devoted his life to research, spending twenty years in the Department of Medicine at the University of Ottawa, and fifteen years in Baycrest's Rotman Research Institute at the University of Toronto. He is now retired.