

Title: E-BABE-Encyclopedia of Bioanalytical Methods for Bioavailability and Bioequivalence Studies of Pharmaceuticals

Name: xxxxxxxx
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Encyclopedia of Bioanalytical Methods for Bioavailability and Bioequivalence Studies of Pharmaceuticals (E-BABE): It is a unique encyclopedia involving bioanalytical methods for bioavailability and bioequivalence (BA/BE) studies of pharmaceuticals for suitable method selection with thousands of combinations and searches against these methods. Most scrutinized literature was collected from different sources including PubMed. This database has been curetted using published methods for all most all pharmaceuticals. Required information for regular method development/validation such as IUPAC name, structure, solubility, chromatographic conditions, instrumentation information like HPLC, LCMS detection parameters, sample preparations, recovery details, limit of detection and limit of quantification, Tmax, Cmax etc., for routine application in BA/BE studies of pharmaceuticals was incorporated including official pharmacopeias information such as European Pharmacopeia, Japan Pharmacopeia and US Pharmacopeia. Database includes drug based bioanalytical methods covering most required fields and external database links of important drug portals such as drug bank, Rxlist, MEDLINE plus, KEGG Drug ID, KEGG Compound ID, Merck manual, PubChem compound ID, PubChem substance ID and USFDA. Searching/querying the database is through drug name, chemical formula or structural search by smiles format. Keen selections of bioanalytical methods for pharmaceutical analysis or regular quality control are also possible with E-BABE. E-BABE was built understanding the needs of pharmaceutical industry and laboratories including CROs working on BA/BE studies. Presently it has nearly of 5,000 methods and it will be updated regularly. (Up to 250 words)

Biography

XXXX has completed his PhD at the age of 25 years from Andhra University and postdoctoral studies from Stanford University School of Medicine. He is the director of XXXX, a premier Bio-Soft service organization. He has published more than 25 papers in reputed journals and has been serving as an editorial board member of repute. (Up to 100 words)

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Category: (Oral presentation/ Poster presentation)

The Psychological Challenge of the Elderly: Vision Impairment

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Ageing is part of life. With age, the body physically changes and there are psychological challenges are faced by visual impairment.. The study is substantiated by concepts, theories, and empirical findings that have accumulated under the umbrella of age-related psycho-ophthalmology. The focus is on adaptation theories in visually impaired older adults. One can understand the ageing through everyday competence, cognitive functioning, social functioning, and subjective well-being-related outcomes, depression, and adaptation processes.

Loss of sight is strongly associated with chronological age and frequently used as an important marker of the awareness of getting 'old'. Severe vision impairment has been found in of among the elderly. Age-related macular degeneration is the leading cause of poor vision in the industrialized countries, Although macular degeneration treatment has significantly improved during recent years, currently available medical interventions can halt disease progression. Thus, the majority of older adults who are faced with degeneration are psychologically challenged to adapt to ongoing and progressive visual loss, which typically occurs as deterioration of the central visual field affecting reading ability, overall daily functioning, and mental health. Furthermore, other chronic conditions, such as glaucoma, diabetic retinopathy, or diseases of the optic nerve that may occur more frequently in late life. This way the elderly need to adapt psychologically, as many times the treatment options may be limited.

It is essential to highlight and understand the psychological consequences of age-related vision impairment and how such consequences may become a significant component of efficient treatment and rehabilitation. The psychological situation of the elderly with vision impairment is an important addition to ophthalmological research and treatment. The research also suggests the term age-related psycho-ophthalmology to cope with graceful ageing.

Biography

Vatika has completed her doctrate in Ageing in 2010. She is an Associate professor teaching for the past 20 year at St. Andrew's coleege, university of Mumbai. She has published more than 25 papers in reputed journals.

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