Abstract
The experimental functional analysis allows identification of environmental factors that maintain and exacerbate behavioral problems in people with developmental disorders and other locations, being essential for the development of intervention procedures focused on the use of reinforcement. Method: In this article the procedure, validity and clinical application of the methodological changes in functional analysis and intervention is reviewed. Results: Enhancer removal, alteration of motivating operations and differential reinforcement: the typical, brief functional analysis, single function, screening, latency, precursors and trials, and three functional categories of intervention is presented. Conclusions: The functional analysis is an efficient and valid for the assessment of behavioral problems and for selecting treatment strategies methodology.

Keywords
Functional analysis, self-injury, aggression, stereotypy, intellectual disability