

## **Motivational intervention for family members living with a relative with a substance-related disorder**

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Addiction & the Family International Network (AFINet)  
1st International Conference  
Friday 9th to Sunday 11th November 2018  
Newcastle upon Tyne, UK

There is a number of users of psychoactive drugs in the world, approximately 250.000.000. In Brazil, the number of users of psychoactive drugs boarders 12.000.000. And for every drug user there are more than 2 family members affected. The estimate is that over 28 million Brazilians may be living with a person suffering from some form of substance dependence. The family showed damage in many areas of life, resulting of living with relative with substance-related disorder (SRD) as family functioning with overtask, emotional and self-neglect; deficits in physical and emotional health such as stress and tension; in personal relationships, with their surroundings and in the quality of life. This impact may contribute to the family presenting behaviors that may be inassertive to the requirements of living with a relative with SRD. In this way, Motivational Intervention was based on: Stages of change: predicts the difficulties people face in their change process and offers specific strategies for each stage; Motivational interview: accompanying resistance and evokes the reasons for change with collaborative and empathic style and Telemedicine: service for mental health information are an effective way of providing resources to a widespread population. Our methodology was developed for phone use and can be applied in digital and face-to-face contexts. The aim of this study is to determine the effectiveness of the Motivational

Intervention for families with inassertive behavior. This model was organized in such a way that each session had a special goal to stimulate the family in their process of change. At all stages the extent of inassertive behaviors is assessed through the Behavioral Enabling Scale and Holyoake Codependency Index. First session: Psychoeducation. Second: understand how the family functions and identify behaviors such as rules, authority, limits, overprotection, neglect, strictness, permissiveness, and guilt. Third: support to the family depending on the motivational stage of current session. For each stage, there is a different approach, for example: Contemplation Stage: the professional's goal is to stimulate an evaluation that could encourage the decision to change. Preparation Stage: the professional's goal is to build a plan of action that is acceptable to the family and can be able to achieve. Action/Maintenance Stage: The professional's goal is to put in place strategies and actions for change and to review the planning. Relapse behavior: the professional's goal is to clarify that it is common and can be overcome. Fourth session: working the motivational stage of preparation goals. Fifth and sixth: working the motivational stage of action goals and check the planning. Seventh, eighth, ninth, tenth sessions: working the motivational stage of maintenance goals. Therefore it is important to accompany family members to the demands of living with a SRD relative. After 6 months of follow-up the family members of the Motivational Intervention were twice as likely to have modified their behavior from high inassertive to low inassertive when compared to the usual treatment.

Key words: Substance-related disorder, Family relations.  
Permissiveness. Motivational interviewing.

## References

Barros, H.M.T., Santos, V., Mazoni, C., Dantas, D.C.M. & Ferigolo, M. (2008). Neuroscience education for health profession undergraduates in a call-center for drug abuse prevention. *Drug and Alcohol Dependence*, 98, 270-274.

Bortolon CB, Moreira TC, Signor L, Guahyba BL, Figueiró LR, et al. (2017) Six-month outcomes of a randomized, motivational teleintervention for change in the codependent behavior of Family members of drug users. *Subst Use Misuse* 52 : 164-174.

Bortolon CB (2016) Family functioning and health issues associated with codependency in families of drug users. *Revista Ciência e Saúde Coletiva* 21: 101-107.

Bortolon CB, Barros HMT (2016). A dança da família na dependência química. IN: Poletto M, De Souza APL; Koller SH (Org.) Escola e educação. Práticas e reflexões, pp: 177-186.

Bortolon, C., Machado, C. A. Ferigolo, M., Barros, H. M. T. (2013). *Abordagem Motivacional para familiar de usuário de drogas por telefone: um estudo de caso*. Contextos Clínicos, 6(2), 157-163. Retrieved from <http://revistas.unisinos.br/index.php/contextosclinicos/article/view/ctc.2013.62.08>. DOI: 10.4013/ctc.2013.62.08.

Bortolon, C.B., Ferigolo, M., Grossi R., Kessler, F.H.P., Barros, H.M.T. (2010). *Avaliação das crenças codependentes e dos estágios de mudança em familiares de usuários de drogas em um serviço de teleatendimento*. Revista da AMRIGS, 54 (4), 432-436. Retrieved from [http://www.amrigs.com.br/revista/54-04/013-639\\_avaliacao\\_das\\_crenças.pdf](http://www.amrigs.com.br/revista/54-04/013-639_avaliacao_das_crenças.pdf).

Copello A. G., Velleman R. D. B., Templeton L. J. Family interventions in the treatment of alcohol and drug problems. Drug and Alcohol Review, 24, 369 – 385. 2005.

Dear, G.; Roberts, C. The Holyoake Codependency Index: Investigation of the factor structure and psychometric properties. Psychological Reports, 87, 991-1002, 2000.

<http://www.unodc.org/lpo-brazil/pt/frontpage/2018/06/relatorio-mundial-drogas-2018.html>

Instituto Brasileiro de Geografia Estatística, 2018. <https://www.ibge.gov.br/>

Laranjeira, R., Madruga, C.S., Pinsky, I., Caetano, R., Mitsuhiro, S.S., & Castello, G. (2012). II Levantamento Nacional de Alcool e Drogas (LENAD). Retrieved from <http://inpad.org.br/wp-content/uploads/2014/>

Moreira, T.C., Figueiró, L.R., Fernandes, S., Justo, F.M., Dias, I.R., Barros, H.M.T & Ferigolo M. (2013). Quality of life of users of psychoactive substances, relatives, and non-users assessed using the WHOQOL-BREF. Ciência e Saúde Coletiva, 18(7), 1953-62.

Orford, J, Padin, MFR, Canfield M, Sakiyama HMT, Laranjeira R, Mitsuhiro, SS. The burden experienced by Brazilian family members affected by their relatives' alcohol or drug misuse. Drugs: Education, Prevention and Policy, 1-9, 2017.

Orford, J., Velleman, R., Natera, G., Templeton, L., Copello, A. Addiction in the family is a major but negleget contribuir to the global burden of adult ill-health. Social Science & Medicine. 78 (70-77), 2013.

Prochaska, J.O., Diclemente, C.C. & Norcross, J.C. (1992). In search of how people change. Applications to addictive behaviors. American Psychologist, 47(9), 1102-1114.

Rotunda R. West L. O'Farrel T. J. Enabling behavior in a clinical sample of alcohol-dependent clients and their partners. Journal of Substance Abuse Treatment 26, 269–276, 2004.

Sakiyama, H.M.T., Padin, R.M.F.,Canfield, M., Laranjeira, R., Mitsuhiro, S.S. (2015). Family members affected by a relative's substance misuse looking for social support: Who are they? *Drug and alcohol Dependence*, 147, 276-279.

Smith, A.C., Gray, L.C. (2009). Telemedicine across the ages. *The Medical Journal of Australia*, 190 (12):719. Retrieved from <https://www.mja.com.au/journal/2009/190/12/telemedicine-across-ages>.

Sola, V; H Sakiyama HMT; Padin MFR, Canfield, M; Bortolon, CB; Laranjeira R, Mitsuhiro, S.S. Measuring stress, coping, strain and hopefulness of Brazilian family members of substance misusers: Factor structure of a set of measures. Journal of Substance Use. 1-10, 2018.

United Nations Office on Drug and Crime (UNODC), <http://www.unodc.org/lpo-brazil/pt/frontpage/2017/06/cerca-de-29-5-milhes-de-pessoas-em-todo-o-mundo-sofrem-de-transtornos-provocados-pelo-uso-de-drogas--os-opiides-so-os-mais-prejudiciais-aponta-relatorio-mundial-sobre-drogas-2017-do-unodc.html>

Velleman R. Templeton L. Alcohol, Drugs and the Family: Results from a Long-Running Research Programme within the UK. Eur Addict Res;9:103–112, 2003. DOI: 10.1159/000070978

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