

**THE IMPACT OF
TECHNICAL ANALYSIS
OF MEDICAL
PRESCRIPTIONS ON
AN ASSISTED THERAPY
SERVICE IN BRAZIL**

Luciano Allan Agra dos Santos

Luiz Claudio Ramos de Albuquerque

<http://lattes.cnpq.br/2820614814038915>

Reno Martins Coelho

<http://lattes.cnpq.br/2216028705355938>

Bárbara Rodrigues Campagnuci Rebouças

Camila da Silva Batista

Vanessa Karine Bispo Macedo

<http://lattes.cnpq.br/5731737069796756>

Samille Maria Bandeira Freitas Pacheco

<http://lattes.cnpq.br/5064468003431703>

All content in this magazine is licensed under a Creative Commons Attribution License. Attribution-Non-Commercial-Non-Derivatives 4.0 International (CC BY-NC-ND 4.0).



Keywords: Assisted therapy services, infusion center, pharmaceutical attention, pharmaceutical care, technical prescribing analysis.

BACKGROUND

According to ANVISA (2004) Pharmaceutical Assistance is a set of actions aimed at the promotion, protection and recovery of health, both individual and collective, having the drug as an essential input and aiming at access and its rational use. This set involves research, development and production of medicines and supplies, as well as their selection, programming, acquisition, distribution, dispensing, quality assurance of products and services, monitoring and evaluation of their use, with a view to obtaining concrete results and the improvement of the population's quality of life. Pharmaceutical Assistance Actions involve Pharmaceutical Care, which is the direct interaction of the pharmacist with the patient, aiming at rational pharmacotherapy and obtaining defined and measurable results, aimed at improving the patient's quality of life. Among the actions is the technical analysis of medical prescriptions, in which the pharmacist evaluates the prescription regarding drug safety, pharmacotherapy, indication, drug interactions, possible adverse reactions, etc.

MATERIALS AND METHODS

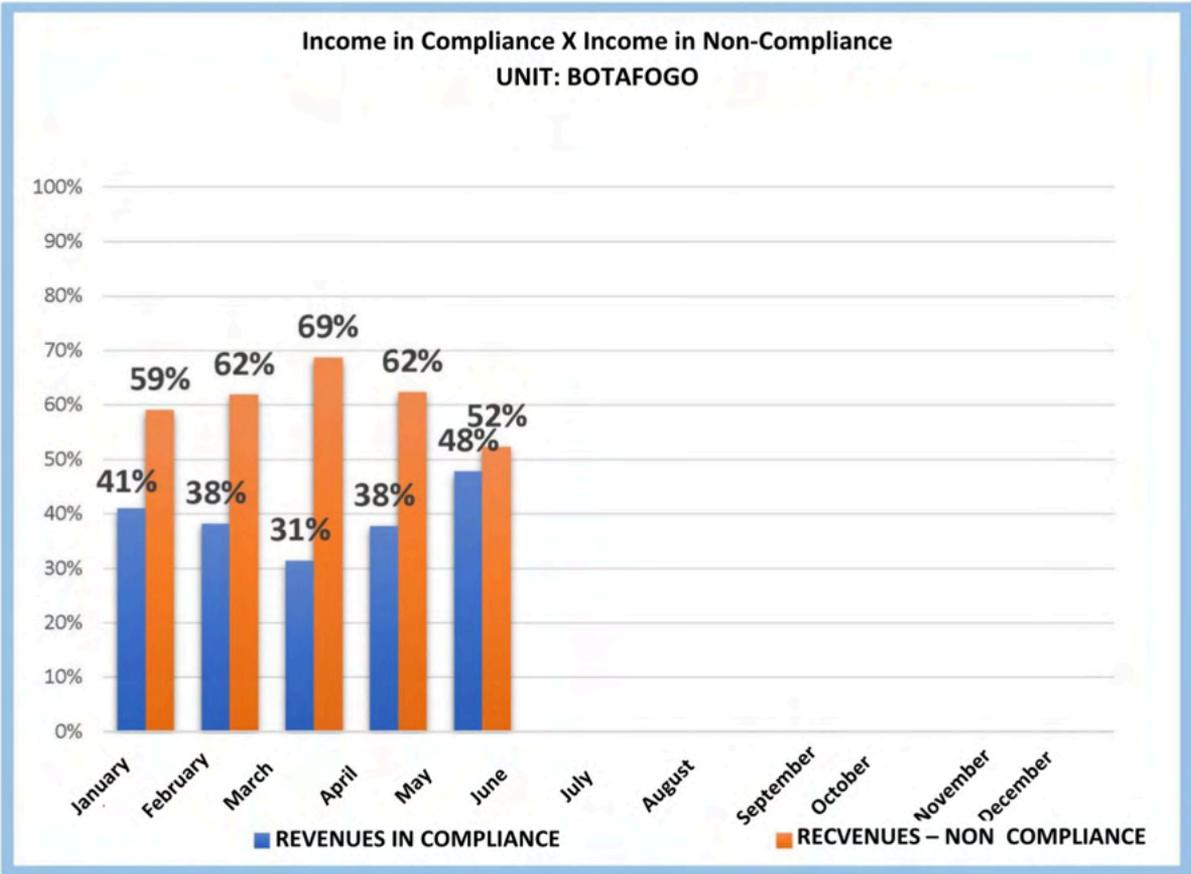
Descriptive-exploratory study, with data collection through the follow-up report of clinical pharmacy indicators with the compilation of technical analyzes of prescriptions carried out and an assisted therapy clinic in the city of Rio de Janeiro (CID Group) and the monitoring of the impact of this performance in the needs of pharmaceutical intervention during the months of January to May of the current year 2021.

RESULTS

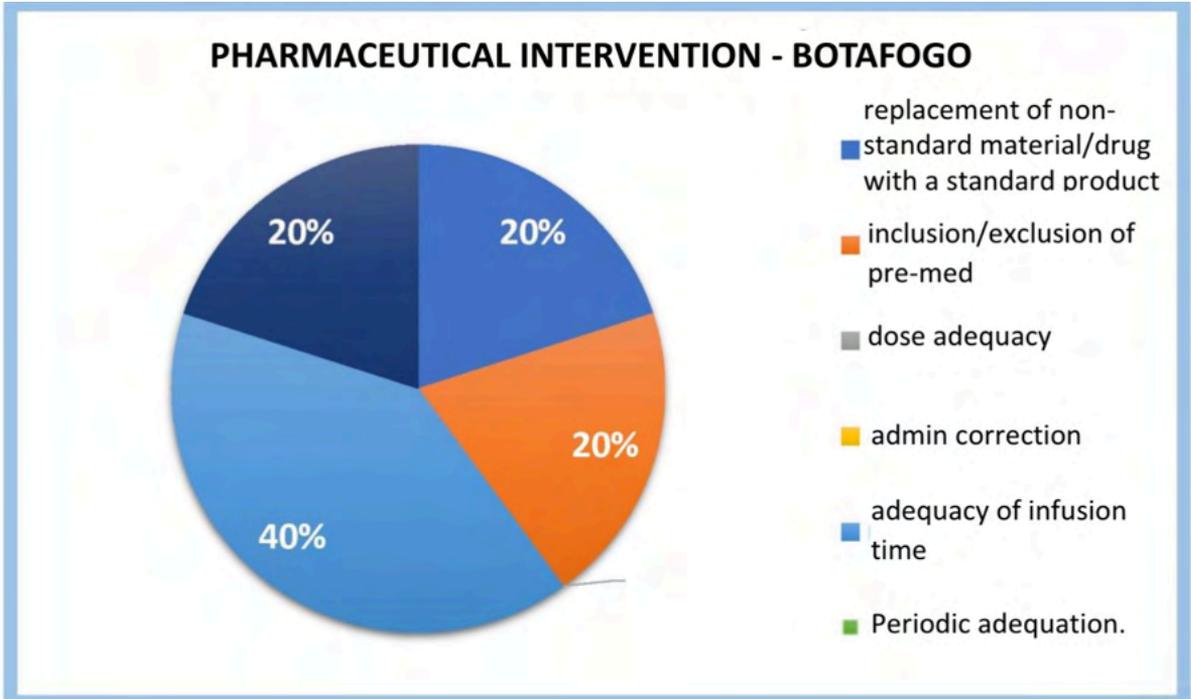
In January, it was possible to carry out a prior analysis of the prescriptions in 91% of the patients, which represents a value very close to the target of 90%. With this monitored data, it was possible to gradually increase this result to 96% until the month of May. Of these, the following items were evaluated: mass prescribed dose (mcg; mg; g); dilution; route of administration; infusion time; dosage. 41% of the prescriptions were considered in full compliance in January and, with the implementation of the interventions, the scenario was raised to a compliance of 48% in May. It is noteworthy that only 2% of these non-conformities were limiting for the follow-up of infusion therapy, unlike the scenario in January, which was 4%. Of the interventions performed, 40% adjusted the infusion time; 20% dilution adjustment; 20% non-standard medication and 20% premedication inclusion.

CONCLUSION

By performing the technical analysis of the prescriptions prior to infusion, it was noted the evolution of their compliance, it is known that it increases patient safety, operational efficiency in the flow of the same by avoiding rescheduling, infusion delays, etc, resulting in raising the institution's degree of reliability.



Graph 1: Revenue compliance



Graph 2: Pharmaceutical intervention

REFERENCES

COSTA, GABRIELLE RODRIGUES DE MATTOS. **Estratégias dos grupos de pressão para efetivação do direito à assistência farmacêutica para artrite reumatoide no Brasil**. 2019. 176 f. Dissertação (Mestrado em Saúde Pública) - Escola Nacional de Saúde Pública Sergio Arouca, Fundação Oswaldo Cruz, Rio de Janeiro, 2019.

MINISTÉRIO DA SAÚDE. **Política Nacional de Assistência Farmacêutica**. Resolução N° 338, DE 06 DE MAIO DE 2004.

POLIANE BARBOSA SAMPAIO BUFFON; VALÉRIA VALIM; BRUNA COSTA; GABRIELI FERNANDES FREITAS; ELIANA ZANDONADE. Tendência temporal de prescrição de terapias biológicas para artrite reumatoide. **Revista Brasileira de Pesquisa em Saúde/Brazilian Journal of Health Research**, v. 21, n. 3, p. 77–84, 2019. Disponível em: <https://periodicos.ufes.br/rbps/article/view/28211>. Acesso em: 10 ago. 2021.

SANTOS, JAQUELINE ALVES; LIMBERGER, JANE BEATRIZ. Indicadores de avaliação da assistência farmacêutica na acreditação hospitalar. **Revista de Administração e Saúde**, v. 18, n. 70. São Paulo. Brasil, 2018.