

Teaching and practice in Homeopathy via pharmacobotany and pathophysiology

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Background: Semiology, Clinical Pathophysiology, Phytotherapy and Homeopathy were taught through active methodology by the Moodle platform (HL) also using apps for monitoring injuries through SAPB site, building rationality for the external topic use of homeopathic and herbal medicines. At the 7th Infirmary of General Hospital Santa Casa de Misericórdia in Rio de Janeiro, the clinical medical team of the Benoit Mure Nucleus of Assistance Teaching and Research, made a medicinal plant garden with the agricultural/environmental educator, and community leaders. Undergraduate students from UNIFASE/FMP Academic League of Physiology and Pathophysiology planted *Calendula Officinalis* seedlings, destined to research in pharmacobotany and to be in touch with pharmacotechnical prepares. **Aims:** To follow-up the study since from seedling of *Calendula Officinalis* till to prepare of HUD. **Methodology:** To prepare medicinal garden: plant seedlings of *Calendula officin* accordance with good agricultural techniques. At first: Three seeds in ten pots, made in triplicate (N = 90), to obtain explants of quality analyzed whose evaluation was about plant development (explants percentual: weight, size, viability, morphology). To visit pharmacy-school to learn how to prepare matrix extracts and High Ultra-Diluted Solutions (HUD) of *Calendula off* 6DH. **Results and Discussion:** The stages of teaching semiology and practice in pharmacobotany, besides cultivate plant have been completed. Viability was impaired because of lack of irrigation during 4 months (50%). Weight, size were minor than usual but with no statistical significance ($p > 0.05$). Morphology was maintained. Unfortunately, the visit to pharmacy-school couldn't be performed at this period. **Conclusion:** Through hybrid learning and face-to-face activities completely realized, students had qualitative perception of the relevance about morphology and quality of plant development, chemistry plant production, aiming for resolute actions based upon pathophysiology of chronic diseases. Because of pandemic, it was described just a preliminary experience. After returning to normal activities the experiment will be repeated.

Keyword: Medicinal plant garden; Pathophysiology; Pharmacobotany; Homeopathy; *Calendula officinalis*.