



TROPICAL DERMATOLOGY

## 3 STEP ONLINE MYCOLOGY TRAINING COURSE: BREAKING THE PARADIGM WITH A NOVEL APPROACH USING ACTIVE BASED LEARNING

*Regina Schechtman<sup>(1)</sup>*

*Brazilian Society Of Dermatology, Santa Casa Da Misericordia Rj, Pontificia Universidade Católica Puc, Rio De Janeiro, Brazil<sup>(1)</sup>*

**Background:** Mycology represents an important part of the curricula on most of the dermatology programs globally. Moreover, very little or not sufficient training is offered during medical education. Mycology training is usually approached with traditional lectures, without active based learning activities leading to lack of interest in the subject. Because of lack of training, many dermatologists demonstrate learning difficulties and get distance from mycology knowledge.

**Objective:** The objective of this study is to present a new model of a 3 step online mycology training course (MTC) with active learning activities, short video classes, podcasts and clinical challenges using gamification in order to bring back the field of mycology to dermatology training programs around the world.

**Materials and Methods:** All the lectures from one year mycology training course using a traditional approach based on 50 minute lectures were converted to a 3 step online mycology training course (MTC). The content of the course was prepared over a period of 6 months and separated in 30 different topics. After the elaboration of the academic material, short video classes and podcasts were recorded. The quizzes were prepared according to each of the topics. At the end of the course, clinical cases were prepared to challenge the apprentice's knowledge.

**Results:** All the training program content was uploaded on the Brazilian Society of Dermatology (SBD) website and a free of charge mycology training course was offered to all the members society.

**Conclusions:** Mycology can be a threalling subject when is teached with passion and dedication. In order to develop the interest in medical mycology a novel approach was build using new technologies and active based learning methods.

