

METHOD AND DEVICE FOR MONITORING AND TREATMENT OF SEASONAL AFFECTIVE DISORDER

ABSTRACT

This invention provides for an energized biomedical ophthalmic device and associated method of measuring changes in biomarkers contained in tear film to generate data related to a light therapy regimen used to treat symptoms associated with seasonal affective disorder. In some embodiments, the energized biomedical ophthalmic device can include an energized contact lens with a light source in communication with a processor controlling said light source according to the light therapy regimen. The light therapy regimen may be generated or modified by the processor from the measured changes and sometimes from user's preferences, and/or additional measurements, including for example, light exposure and/or circadian rhythm of the user.

Fig. 2