

ABSTRACT

Psoriasis is a kind natural Skin Disease process the normal skin commutation is which untimely, This disease is not catching but can degrade the quality live and also bother the strength bounce the somebody

Remediable Psoriasis Disease teraphy by using Ray of UV A . Principal is elementary the than Implement of UV Teraphy Psoriasis by giving Ray UV directly with the meter apart and certain ray time, this teraphy is only used at shares of hand and foot.

At Implement of UV Teraphy Psoriasis have been equiped by the Setting Apart with the Mode Election that is : 90 cm and 120 cm, spacing of irradiating teraphy by using Motor DC 24 Volt and Setting Time with the Mode Election that is: 1 - 15 minute. As spacing and Time of teraphy winnowed have to LCD which have been accomodated by standart of dose of Psoralen of Ultraviolet A (PUV A). Where all system controlled by IC Mikrokontroller AT89S51. Setting Apart and irradiating Time earn the disetting of according to patient requirement and mount the healing of patient disease

From overall of process of result of job of Implement of UV Teraphy Psoriasis got to mean the Intensity UV at Distance 90 cm time 1 minute: 1,533 mW / cm² powerfully Lighting 1302 Lux, time 5 minute: 1,528 mW / cm² powerfully Lighting 1298 Lux, time 10 minute: 1,530 mW / cm² powerfully Lighting 1300 Lux. While flattening - flatten the Intensity UV of at Distance 120 cm time 1 minute: 1,497 mW / cm² powerfully Lighting 1272 Lux, time 5 minute: 1,495 mW / cm² powerfully Lighting 1270 Lux, time 10 minute: 1,493 mW / cm² powerfully Lighting 1268 Lux. For the Time of teraphynya got storey level error of equal to 5%. To Apart the teraphynya on course go up 90 cm flatten - flatten 6,7 second while position go up 120 cm mean 17,5 second. On course alight from 90 cm mean 4,78 second and position alight from 120 cm flatten - flatten 13,74 second. For the time delay of with the storey level error equal to 3

Pursuant to examination and attempt which writer do inferential to hence mean the its Intensity UV more than 1,020 every 15 Inch.

Keyword : UV, Psoriasis, Distance 90 cm & 120 cm, Time 1 - 15 Minute, Mikrokontroller AT89S51, Teraphy.