



effectiveness evaluation of clotrimazole single layer film in denture wearing patients, the adhesiveness evaluation of the triamcinolone acetonide double layer film in aphthous stomatitis patients and the evaluation of the patients' acceptability in both novel dosage forms.

The results showed that the double layer films were in the form of sustained release dosage preparation. The active drug could be released slowly from the hydrophilic matrix layer. The *in vitro* adhesive duration was about 5 hours for the single layer film and was more than 8 hours for the double layer film. The clotrimazole single layer mucoadhesive film was effective in reducing *C.albicans* in denture stomatitis patients with the improvement in clinical signs after the end of the treatment periods. The single layer films were well accepted by the denture wearing patients. The triamcinolone acetonide double layer film was suitable for the purpose of aphthous stomatitis treatment.