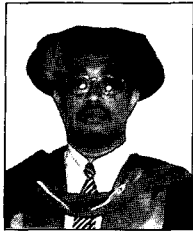


## Some Mechanical Properties of Several Tray' s Materials and it applica- tion.



Wan Mohd Azhar bin Wan Ibrahim, BSc, PhD  
Deputy Dear  
Department of prosthodontics, Faculty of Dentistry  
University of Malaya  
59100 Kuala Lumpur, Malaysia

The degree of accuracy of impression highly depends on dimensional stability of the tray' s materials. Permanent deformation exhibited after removal of impression from oral cavity would results in loose fits of the denture prostheses. Seven types of tray' s materials were used in the study. The data obtained from 3-point bending tests were used to calculated the modulus elastisticity, modulus of rupture and resilience of this material. Its application is discussed.