

## The Design and Development of Foot Massage Plate from Coconut Shell

**Authors :** Chananchida Yuktirat, Nichanant Sermsri

**Abstract :** The objectives of this research were to design and develop foot massage plate from coconut shell. The research investigated on the satisfaction of the users on the developed foot massage plate on 4 aspects; usage, practical in use, safety, and materials & production process. The sample group included 64 people joining the service at Wat Paitan Health Center, Bangkok. The samples were randomly tried on the massage plate and evaluated according to the 4 aspects. The data were analyzed to find mean, percentage, and standard deviation. The result showed that the overall satisfaction was at good level (mean = 3.80). When considering in details, it was found that the subjects reported their highest satisfaction on the practical usage (mean = 4.16), followed by safety (mean = 3.82); then, materials and production process (mean = 3.78). The least satisfaction aspect was on function and usage (mean = 3.45) or moderate level.

**Keywords :** coconut shell, design, foot massage, foot massage plate

**Conference Title :** ICCVAD 2014 : International Conference on Communication, Visual Arts and Design

**Conference Location :** Paris, France

**Conference Dates :** April 28-29, 2014