

# DOES CLINICAL ASSESSMENT REALLY REFLECTS WHAT CLEFT PATIENTS WANTS?

With the increasing availability of medical and dental treatments, it would be useful to ascertain how assessment of cleft-related facial deformity could help to plan for further treatment and identify the stigmata of residual deformity. Many researches have indicated that perceived need of treatment among the parents is an important role in determining the success of healthcare delivery in cleft lip and palate patients. Therefore, this indicates the need to compare the actual treatment need with the parents' perceived need. Therefore, the aim of this book is to investigate the treatment need and perceived need in cleft lip and palate individuals aged 12 years old and above. A questionnaire guided interview was done on 47 parents of cleft lip and palate patients to obtain demographic data, treatment history, effect of cleft on the social behaviour of the child and perceived need of treatment from few centres in Malaysia. Clinical examinations were performed on cleft lip and palate patients including evaluation of malocclusion, the need for other dental treatment and surgical management. This was followed by gross speech assessment. Finally, 3D photographs were taken for all cleft patients and deformity was evaluated by one Consultant Oral Surgeon to assess on further treatment need. As a result, we found that unilateral cleft lip and palate showed highest group in perceived need in further treatment for dental treatment, bone graft, nose and others as compared to other types of cleft. Highest perceived need for treatment was shown in descending order is perceived need for further treatment of teeth, followed by nose and alveolus in all types of cleft. We also found that there were poor to slight agreement between parents' perceived need of treatment and professional's assessment on treatment need (Kappa= -0.114 to 0.313). as a conclusion from this study, it can be concluded that there is a difference between perceived need and the treatment need for cleft lip and palate treatment.

**KHAIRUL BARIAH CHI ADAM**

Assistant Professor at the Kulliyah of Dentistry, International Islamic University Malaysia. She holds a BDS - Bachelor Degree, Universiti Malaya (UM), Clinical Dentistry - Masters Degree, Universiti Malaya (UM). She is an active researcher who have made numerous contribution to the field of knowledge by writing, editing, supervising and participating in conferences around the globe. One of such contributions is this book in your hand.

**SITI MAZLIPAH ISMAIL**

She is an active researcher who have made numerous contribution to the field of knowledge by writing, editing and participating in conferences around the globe. One of such contributions is this book in your hand.

**MOHD HAIKAL MUHAMAD HALIL**

Assistant Professor at the Kulliyah of Dentistry, International Islamic University Malaysia. He holds a Dental Surgery - Bachelor Degree, Universiti Malaya (UM), Clinical Dentistry - Masters Degree, Universiti Malaya (UM) He is an active researcher who have made numerous contribution to the field of knowledge by writing, editing, supervising and participating in conferences around the globe. One of such contributions is this book in your hand.

ISBN No.: 978-967-418-973-0



**IIUM Press**

Tel : +603 6196 5014 / 6196 5004

Fax : +603 6196 4862 / 6196 6298

Email : [iiumbookshop@iium.edu.my](mailto:iiumbookshop@iium.edu.my)

Website : <http://iiumpress.iium.edu.my/bookshop>



IIUM  
Press



IIUM  
Press

DOES CLINICAL ASSESSMENT REALLY  
REFLECTS WHAT CLEFT PATIENTS WANTS?

KHAIRUL BARIAH CHI ADAM  
SITI MAZLIPAH ISMAIL  
MOHD HAIKAL MUHAMAD HALIL

# DOES CLINICAL ASSESSMENT REALLY REFLECTS WHAT CLEFT PATIENTS WANTS?

**KHAIRUL BARIAH CHI ADAM  
SITI MAZLIPAH ISMAIL  
MOHD HAIKAL MUHAMAD HALIL**