

**HEALTH CARE PRACTICES AND ITS EFFECT ON HEALTH
STATUS OF CHILDREN WITH DISABILITY VISITING PATAN
COMMUNITY BASED REHABILITATION ORGANIZATION (CBRO)**



**A thesis submitted for the partial fulfillment of the Master's
degree in Zoology with special paper Parasitology**

BY

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KIRTIPUR, KATHMANDU**

NEPAL

2011

RECOMMENDATION

This is to certify that Ms. Sony Bajracharya has successfully completed the dissertation work entitled “**Health care practices and its effect on health status of children with disability visiting Patan Community Based Rehabilitation Organization (CBRO)**” as a partial fulfillment of Master’s Degree of Science in Zoology with special paper Parasitology under my supervision. Her work is an original one and deserves to recommendation.

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CERTIFICATE OF APPROVAL

The dissertation work submitted by Ms. Sony Bajracharya entitled “**Health care practices and its effect on health status of children with disability visiting Patan Community Based Rehabilitation Organization (CBRO)**” has been accepted as a partial fulfillment of Master’s Degree of Science in Zoology with Parasitology as a special paper.

EXPERT COMMITTEE

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DECLARATION

This study entitled “**Health care practices and its effect on health status of children with disability visiting Patan Community Based Rehabilitation Organization (CBRO)**” is original of its own kind and has not been submitted anywhere. The findings and statements stated here in this thesis are completely based on my field works and observations.

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ABSTRACT

Health care practices and its effect on health status of children with disability visiting Patan Community Based Rehabilitation Organization (CBRO) were conducted between December 2009 to November 2010. During the study period, altogether 61 children with disabilities (CWDs) including physical disability (11.47%), mental disability (19.67%) and multiple disability (68.89%) were selected. The study was based on direct observation and structured questionnaire survey. A total of 61 CWDs, their parents and caretakers were respondents during the study. The study revealed that the root cause of disability among 61 CWDs was due to congenital (68.8%), disease (26.22%) and accidental (4.91%). Regarding severity of the problem, the disability problem in CWDs was mild in 36.06%, severe in 32.78%, moderate in 22.95% and profound in 8.19%.

Besides disability, out of 61 CWDs, 51 had major health problems such as epilepsy (34.4%), fever (16.4%), pneumonia (3.3%), diarrhoea (1.6%) and others (27.9%). The other health related problems were tooth decay, uncontrolled urination, chest pain, heart disease, constipation, bladder stone, and weight loss. Loss of appetite, difficulty in swallowing, drooling, ear problem, wounds and rough skin of legs, allergy with brightness and shivering of legs. Due to severe bed sore, one 16 year child with multiple disability died. Thus the case fatality rate of CWDs visiting Patan CBRO during the study period was 1.63%. The study revealed that the age group 7-12 years in both sexes have highest incidence of health problem i.e., 66.66% in male and 76.92% in female.

The study revealed that there was significant difference between food taking habit and its effect on nutrition of CWDs ($\chi^2=2.93$, $P<0.05$, d.f.2). The activities of daily living (ADL) related to personal hygiene was maintained in maximum number of CWDs. However, some CWDs couldn't maintained brushing teeth due to disability problem so, most of them had tooth decay problem.

The questionnaire survey revealed that CWDs and their parents lack awareness regarding hand washing, water drinking, management of waste products and regular visiting of rehabilitation centre.

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LIST OF ABBREVIATIONS

ADLs	Activities of Daily Living
AIDS	Acquired Immuno Deficiency Syndrome
B.C.G	Bacillus Calmette Guerin
CBRO	Community Based Rehabilitation Organization
CFR	Case Fatality Rate
CP	Cerebral Palsy
Det.	Deteriorated
D.P.T	Diphtheria Pertusis Tetany
DPWA	Disabled Persons (Protection and Welfare) Act
DoHS	Department of Health Services
Fig.	Figure
HMG	His Majesty Government
H.p.	Health Problem
HIV	Human Immuno Deficiency Virus
ICFDH	International Classification of Functioning, Disability and Health
Impro.	Improving
KAP	Knowledge, Attitude and Practice
N.c.	No change
NGO	Non Governmental Organization
No.	Number
PT	Physiotherapy
Regd.	Registered
Rs.	Rupees
S.N.	Serial Number
T.U.	Tribhuvan University
UN	United Nations
UNICEF	United Nation Children's Fund
WHO	World Health Organization