

CENTRE OF EXCELLENCE FOR NON-COMMUNICABLE DISEASES AND NUTRITION (CNCDN)

Established in 2017, the Centre aims to reduce mortality and complications related to Non-Communicable Diseases (NCDs) and malnutrition in Bangladesh through prevention, treatment and control. The Centre conducts research and works with the government of Bangladesh to develop guidelines for prevention, treatment and control, and perform evidence-based advocacy around NCDs and malnutrition.

Research at the Centre includes identifying evidence-based practices in clinical and population settings, implementing health system research to optimise delivery of interventions, and conducting economic evaluation of novel and evidence-based interventions. Health care providers are trained on risk stratification for NCDs through prevention and management. The Centre also strengthens capacity of programme managers and policy makers on evidence-based policy and interventions for prevention and control. To further promote and advocate for the prevention, treatment and control of NCDs and malnutrition, and encourage people to adopt healthier lifestyles, the Centre also develops communication materials based on their research.

RESEARCH PROJECTS IN 2020

- **DELIVERY OF TRAINING ON WORLD HEALTH ORGANIZATION BANGLADESH PACKAGE OF ESSENTIAL NON-COMMUNICABLE DISEASE INTERVENTIONS (PEN) FOR PRIMARY HEALTH CARE (PHASE II)**

PI: Professor Malay Kanti Mridha, Director, CNCDN, BRAC JPGSPH.

Co-PI: Rina Rani Paul, Consultant, BRAC JPGSPH.

Coordinator: Nushrat Jahan Urmey, Research Associate, BRAC JPGSPH.

Timeline: June 2020 - December 2020

Implemented by: Centre of Excellence for Non-Communicable Diseases and Nutrition (CNCDN)

Objective: To increase the capacity and skills of health care providers (doctors/nurses/paramedics) in Cox's Bazar district on the implementation of PEN for primary health care in low resource settings, using a team-based approach; to strengthen the capacity of community health volunteer supervisors in Cox's Bazar district on healthy lifestyle promotion related to risk factors for NCDs.

Methodology: Quantitative

Donor: World Health Organization (WHO), Bangladesh.

Partners:

- Non-Communicable Disease Control, Directorate General of Health Services (DGHS), Ministry of Health and Family Welfare (MoHFW), Government of the People's Republic of Bangladesh;
- Community Health Working Group.

- **DEVELOPMENT OF INTEGRATED NUTRITION MESSAGES FOR SCHOOLS**

PI: Professor Kaosar Afsana, BRAC JPGSPH.

Other Researchers:

- Professor Malay Mridha, Director, CNCND, BRAC JPGSPH;
- Saira Parveen Jolly, Senior Research Fellow, BRAC JPGSPH;
- Abu Mohammad Shamim, Associate Scientist;
- Fahmida Akter, Senior Research Fellow, BRAC JPGSPH;
- Barnali Chakraborty, Assistant Scientist, BRAC JPGSPH.

Timeline: August 2020 - December 2020

Implemented by: Centre of Excellence for Non-Communicable Diseases and Nutrition (CNCND)

Objective: The study aims to develop integrated nutrition messages for the school children (pre-primary to grade 10) using the cover pages of the school textbooks.

Methodology: Mixed methods

Donor: Food and Agriculture Organization (FAO)

- **ASSESSMENT OF THE FOOD SAFETY CHARACTERISTICS AND RISKS ASSOCIATED WITH EDIBLE OIL TRANSPORTED AND SOLD IN DRUMS**

PI: Abu Ahmed Shamim, Associate Scientist, CNCND, BRAC JPGSPH.

Co-PI: Professor Malay Kanti Mridha, Director, CNCND, BRAC JPGSPH.

Coordinator: Fahmida Akter, Senior Research Fellow, BRAC JPGSPH.

Timeline: October 2020 - May 2021

Implemented by: Centre of Excellence for Non-Communicable Diseases and Nutrition (CNCND)

Objective: To quantitatively assess the food safety of different edible oil brands sold in drums and bottles and ascertain value/supply chain factors (handling, storage, environmental) associated with food safety risk.

Methodology: Quantitative

Donors: Global Alliance for Improved Nutrition (GAIN)

Partners: Institute of Nutrition and Food Science, Dhaka University.