CHAMPS DATA

HOW CHAMPS OPERATES

CHAMPS uses tissue samples, laboratory diagnostics, expert multidisciplinary panels, and demographic and mortality surveillance to accurately determine causes of stillbirth and death in children under the age of five in the places where we work.

WHERE CHAMPS OPERATES

CHAMPS operates in Bangladesh, Ethiopia, Kenya, Mali, Mozambique, Sierra Leone, and South Africa.

WHAT IS CHAMPS?

Child Health and Mortality Prevention Surveillance saves lives by collecting, analyzing, and sharing accurate and timely data about causes of child mortality in regions where it is highest.

A GUIDE TO

DECODE RESULTS

The Determination of the Cause of Death: DeCode method uses a multidisciplinary panel of experts who assess information from the verbal autopsy, clinical observations (child and maternal), laboratory and pathology results, and any additional information Clintoids.

The DeCode panel follows the International Classification of Diseases, Tenth Revision (ICD-10) and the World Health Organization (WHO) methodology. This panel is best to assign underlying, immediate, and intermediate causes of death for each case.

MITS A SOLUTION TO DETERMINING THE CAUSE OF CHILD MORTALITY

Minimal invasive tissue sampling (MITS) is a series of biopsies of key organs, allowing examination of body tissues in places where conducting full autopsies is not practical.

POSTMORTEM EXAM

All results/information can be found in CHAMPS' datasets.

Tissue and body fluid specimens are submitted to CHAMPS' labs for the following tests:

- Histopathology
- Microbiology
- TaqMan Array Cards (TAC), a platform using customized multiplexed PCR assays to test for over 100 pathogens.

Non-tissue specimens are tested using real-time PCR (TAC) for bacteria, fungi, virus, and nematodes. Standardized HIV, TB, and malaria tests are also performed.

Non-tissue samples can be requested for further analysis.

Additionally, CHAMPS maintains a biorepository from which samples can be requested for further analysis.

To learn more, visit: CHAMPSHEALTH.ORG/DATA

For access to the biorepository and additional data such as histopathology images, email info@champshealth.org

Data from each CHAMPS case are contained in five main files:

- CASE DEMOGRAPHICS
- VERBAL AUTOPSY
- MEDICAL WORK UP
- CLINICAL LAB RESULTS
- SECONDARY RESULTS

Metadata and data dictionaries are available on the CHAMPS Dataverse at https://datacaves.unc.edu/dataverse/champs

CHAMPS Dataverse

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