CHAMPS- South Africa
Data to Action

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On behalf of the CHAMPS SA Team
CHAMPS Site South Africa

- Site at Chris Hani Baragwanath Hospital
- Largest academic hospital in Africa
Understand acceptability of proposed processes

Identify MITS eligible deaths and collect additional data to provide total population and mortality rate

Collect tissue and non-tissue specimens for further laboratory analysis

Identify pathogens in specimens that may have caused death

Gather other information around terminal state to improve context for DeCoDe panel

Analyze tissues to understand pathogens associated with cellular changes; compare central and site findings

Review all findings and assign cause of death

Help inform a range of policies and public health actions to reduce child mortality
Background Information

Governance
- Paediatrician neonatal ICU/ Head of Department Paediatrics
- Obstetrician – District Health Team
- Head of Department – Obstetrics Hospital
- Advisor to Ministry of Health – Epidemiologist
- Specialist in the Child and Youth Health Directorate in the MOH
- Paediatrician - Ministerial Committee on Child Morbidity and Mortality
- Representatives NICD / PHI – surveillance and public health

Data to action
- through multiple stakeholder engagement
- NPHI’s/ MOH/ Communities / Traditional leaders/ Schools
- multiple levels
- aimed at common purpose : prevention, evidence based interventions
HOSPITAL BASED SURVEILLANCE

Population demographics
Household & community contextual factors

Making research possible
- Community/ stakeholder awareness & engagement

Determination of CoD

CHAMPS SA OPERATIONAL STREAMS
1. Placenta collection for all stillbirths, low birth weight and low APGAR births.
2. MITS Lite
3. INSPIRE project to control hospital acquired infection in neonatal wards and general care
4. Neonatal sepsis surveillance
5. Repurpose bed use, convert pediatrics bed to neonatal units
6. Birth defect surveillance
7. Pregnancy surveillance
8. Child health & development surveillance
9. Health seeking behavior
10. Severe disease surveillance
11. Bio-measures
Acknowledgements & Thank you

- SA CHAMPS Team
- Global CHAMPS Team
- Partner contributions
- IANPHI
- Communities who have lost a child