## For every child Health, Education, Equality, Protection ADVANCE HUMANITY

#### **IrMIDHS** Training

Anthropometric measurement session October 13th 2010- MOHME- Tehran- Iran

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#### Routine and devastating biases on Anthropometric Measurements

#### What are Consequences of Biases:

- 1. In correct measurement and indicators for a child
- 2. In correct measurement and indicators for huge group of children
- 3. Incorrect and unrealistic prevalence estimation
- 4. Blockage of the reporting and sharing of results due to biases
- 5. Waste of resource, time, energy and affecting the other parts of the survey
- 6. So extremely important to make all necessary measures to reduce the biases
- 7. Among these measure standardization is of high importance

Gender related biases for measuring height

### <u>Girls</u>

- Hair accessories
- Long shirts, measurer is not able to see the right positioning of the feet
- Hesitance of male measurers to rightly hold the girl child
- Shoes not removed

#### Boys

- Most of the time very sensitive and crying which hampers the right measurement
- Shoes not removed

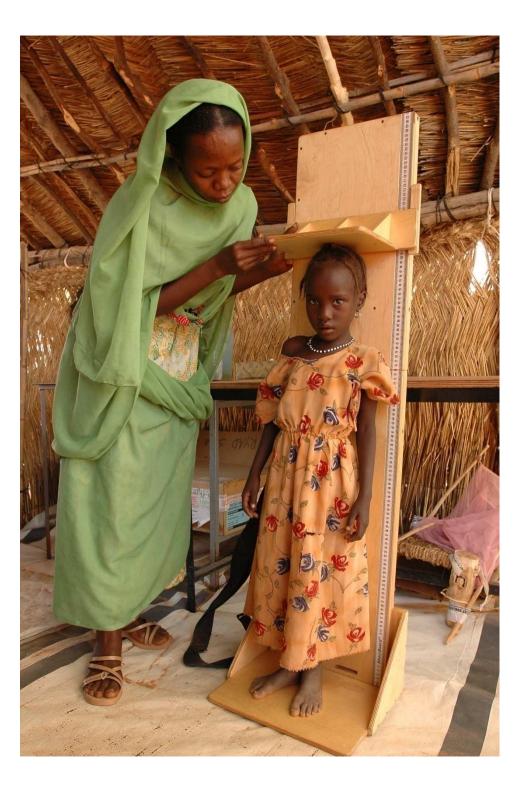
# Gender related biases for measuring weight

## • Girls

- Hesitance of family to take out needed cloths
- Others?

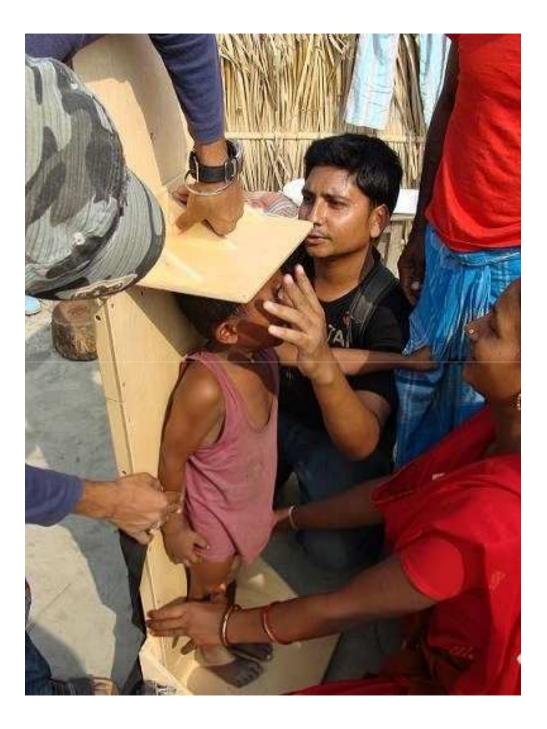
• <u>Boys</u> Others?















- Only the equipments cost around 900,000,000 Rials!
- On top of it the human resources, expertise, trainings, time, energy costs make the anthropometric measurements a expensive component of the surveys;
- Hence we have to try to ensure the best to quality!





