

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

IrMIDHS Training

Anthropometric measurement session

October 13th 2010- MOHME- Tehran- Iran

Amirhossein Yarparvar (Bsc. Msc Nutrition)

ECD officer UNICEF Iran/ Nutrition Cluster Coordinator



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

Girls

- 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?

- Boys

Others?

Find the problems?



Find the problems?



Find the problem?



Find the problem?



Find the problem?



Find the problems?



Find the problems?



- 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!





