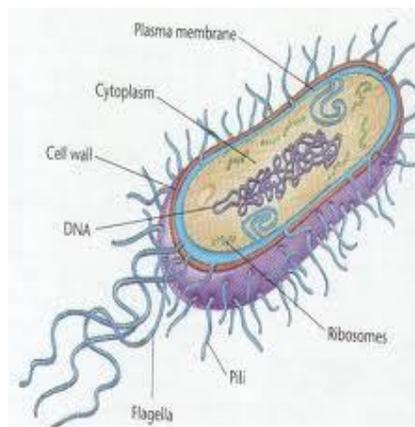


Why needs the prevention of stunting special attention?

- Martin W. Bloem, MD, PhD



Nutrition is important for ..



Nutrition is important for ..



Nutrition is important for ..



Nutrition is important for ..



Nutrition is important for ..



However...

- Stunting is a very special nutrition issue!

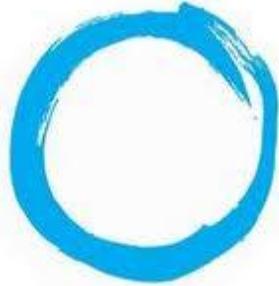
Stunting at the age of two

- **Irreversible**
- Deprived these children from equal opportunities for the rest of their life.
- Deprives the communities, societies, countries, and the world from its full human potential.

What are the lessons learned from HIV/AIDS (2011-2015)

- Zero new infections
- Zero AIDS related deaths
- Zero Discrimination

UNEP
GETTING TO ZERO



UNAIDS

Zero AIDS related Deaths

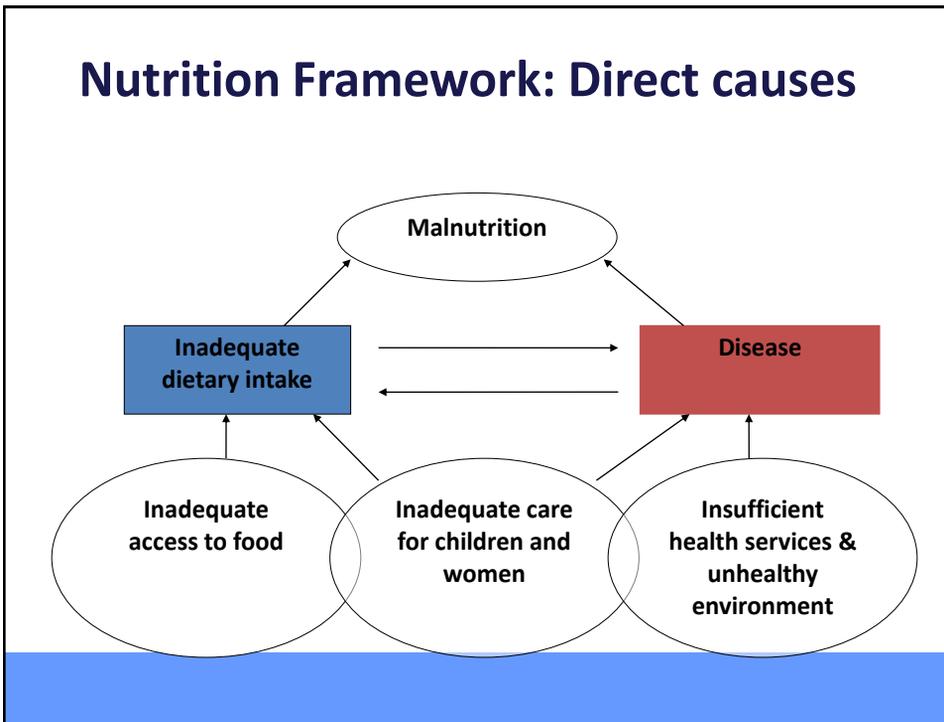
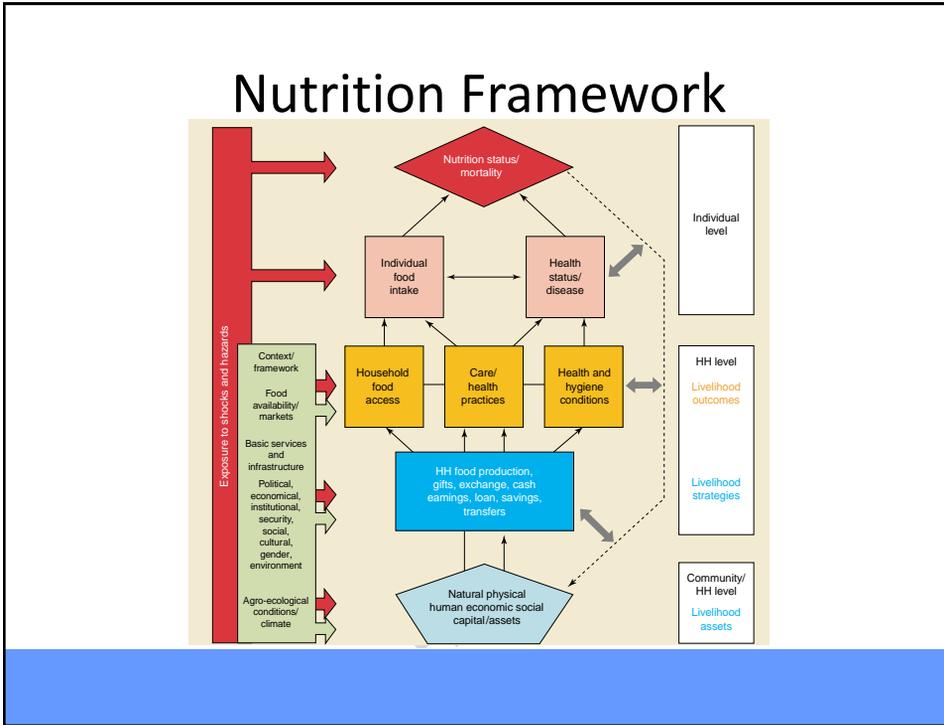
Medical



HIV/AIDS

- WHO: CD4 < 350
- First new line of treatment (200 US annual)





Andre Briend & Michael Golden Treatment of SAM

Plumpy nut: community based



F100: clinics



Management of severe acute malnutrition in children

Management of severe acute malnutrition in children

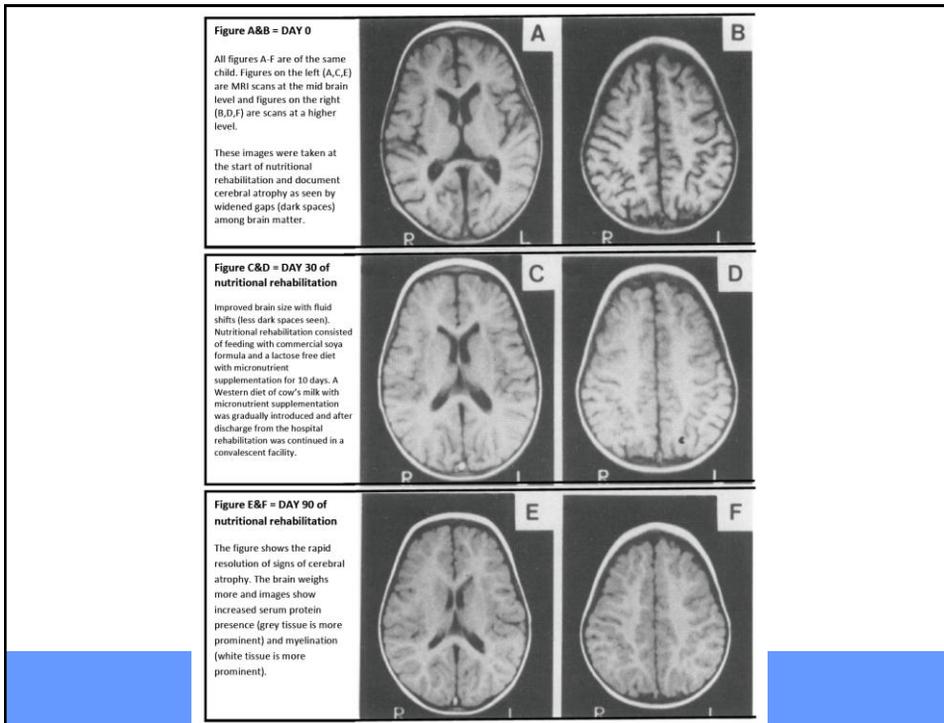
Steve Collins, Nicky Dent, Paul Binns, Paluku Bahwere, Kate Sadler, Alistair Hallam

Lancet 2006; 368: 1992-2000
Published Online
September 26, 2006
DOI:10.1016/S0140-
6736(06)69443-9

Valid International Ltd, Oxford,
UK (S Collins MD, N Dent MSc,
P Binns RGN, P Bahwere MD,
K Sadler MSc, A Hallam BM BCh);
and Centre for International
Child Health, Institute of Child
Health, Goolford Street,
London, UK (S Collins, K Sadler)

Correspondence to:
Dr Steve Collins, Valid
International Ltd, Hockley

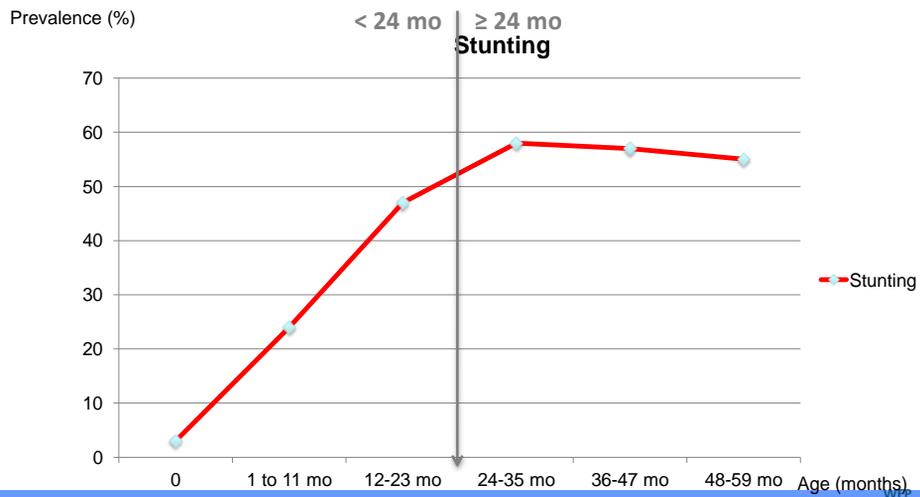
Severe acute malnutrition (SAM) is defined as a weight-for-height measurement of 70% or less below the median, or three SD or more below the mean National Centre for Health Statistics reference values, the presence of bilateral pitting oedema of nutritional origin, or a mid-upper-arm circumference of less than 110 mm in children age 1–5 years. 13 million children under age 5 years have SAM, and the disorder is associated with 1 million to 2 million preventable child deaths each year. Despite this global importance, child-survival programmes have ignored SAM, and WHO does not recognise the term “acute malnutrition”. Inpatient treatment is resource intensive and requires many skilled and motivated staff. Where SAM is common, the number of cases exceeds available inpatient capacity, which limits the effect of treatment; case-fatality rates are 20–30% and coverage is commonly under 10%. Programmes of community-based therapeutic care substantially reduce case-fatality rates and increase coverage rates. These programmes use new, ready-to-use, therapeutic foods and are designed to increase access to services, reduce opportunity costs, encourage early presentation and compliance, and thereby increase coverage and recovery rates. In community-based therapeutic care, all patients with SAM without complications are treated as outpatients. This approach promises to be a successful and cost-effective treatment strategy.



Do we know..

- How to prevent stunting at the individual level?

The first 1000 days: the prevalence of stunting



Source: Ethiopia Demographic and Health Survey (2011)



What we don't know..

- Is to make our interventions cost-effective at population level.

Dairy content tested for RUTF



The Journal of Nutrition
Community and International Nutrition

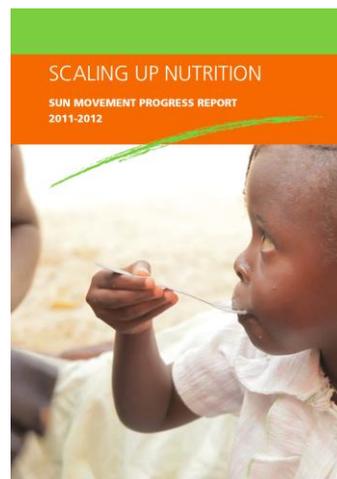
A Ready-To-Use Therapeutic Food Containing 10% Milk Is Less Effective Than One with 25% Milk in the Treatment of Severely Malnourished Children¹⁻⁴

Eleanor Oakley,⁵ Jason Reinking,⁵ Heidi Sandige,⁵ Indi Trehan,⁵ Gregg Kennedy,⁵ Kenneth Maleta,⁶ and Mark Manary^{5-7,*}



Tony Lake on stunting

- We face a **crisis** that neither commands headlines or dominates conversations. This **quiet malnourishment** crisis is known as stunting



Tony Lake on Solutions

- As you read of the **challenges** in the Progress Report, remember that they also represent **opportunities**.
- Because when **solutions** are so **available**, we have a **moral duty** to do all we can – for our children, our communities, and our countries.

Thank you

