

The logo for WISHH features the word "WISHH" in a serif font. The letter "W" is colored orange, while the letters "I", "S", "H", and "H" are colored dark green.

World Initiative for Soy in Human Health

Enhancing human well-being through soy

**Translating Nutritional Needs
To Foods Provided:
The Work Ahead**

Backgrounder

- 42 million people infected by HIV/AIDS
 - 8,500 die daily
 - 14 million children are orphaned by HIV/AIDS
 - HIV/AIDS has become one of the most significant challenges ever to developmental efforts
 - 800 million people affected by malnutrition
 - 24,000 die daily
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Nutrition findings

- People who are malnourished are more likely to seroconvert (become HIV+)
 - People who become HIV+ are more likely to become malnourished
 - People who are HIV+ and/or malnourished get other, often life-threatening, disease
 - Malaria and TB present similar challenges
 - → MALNUTRITION IS NOT A PART OF THE NATURAL HISTORY OF HIV INFECTION
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Experience in the US and Europe

- Role of nutrition in disease
 - “Emergency” use: staying alive, staying alive
 - Chronic
 - With/without medications
 - Medication issues and concerns
 - Roles for soy: no magic here!
 - Same boring nutrition concepts everywhere
 - “Integration” is key
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Research clips: clinical stuff

- Weight maintenance is important
 - Lean body tissues (muscles and organs)
 - Linked to survival
 - Linked to protein intake in HIV and TB
 - Micronutrient issues
 - Food sources are preferred
 - Leveling the playing field
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What we know we know

- People who start out malnourished are more prone to infection and
 - Infection increases nutrient needs
 - Malnutrition that results from disease further compromises health and ability to survive
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What we think we know

- Past science can be translated to food recommendations and provision
- Practice precedes science, but it does not mean that scientific investigation does not have to happen
- Practical application of knowledge requires consideration of the issues faced by particular population
- Reaching nutritional goals means reaching for the highest common denominator

To do:

Put nutrition

into the

food provision equation

The work ahead

- Collaboration to develop appropriate practical solutions based on the best scientific evidence available
 - Development of projects to produce necessary scientific and community-based evidence
 - Routine communication and adjustment of goals and applications
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Implications of our collaborations

- ▶ Efforts can reduce the high-risk behaviors that lead to the spread of HIV infection.
 - ▶ Prolonging life through strengthening the resistance and resilience of individual households and communities will support development efforts.
 - ▶ Public-private partnerships can support an efficient, effective, coordinated and sustainable response to food and nutritional insecurity exacerbated by the HIV/AIDS pandemic.
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WISHH Role: Resource

- Includes, but is not limited to:
 - Technical assistance
 - Program development
 - Data gathering projects
 - Problem solving support
 - Integration of soy as an ingredient to enhance the local food supply
 - Food product exploration and development
 - Collaboration and connection for private/public partnerships
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