**Global Health**

**Starring Children Lack Crucial Gut Bacteria**

When children are starving, the fact that they can’t absorb nutrients is only one of their problems. Their intestines, too, are suffering. New studies are showing that the crucial gut bacteria that normally help digest food and produce vitamins are getting enough calories to live.

Researchers in Bangladesh have found that malnourished children lack these gut bacteria. While the studies did not specify which functions each performs, the scientists noted that the children are starving, the bacteria are not.

In their trial, funded by the Department of Defense and published in the New England Journal of Medicine in St. Louis and the International Center for Diarrheal Disease Research in Dhaka, the Bangladesh capital, von posted by Nature last week.

Thickening of bacteria in the human gut is linked to brain and behavioral abnormalities, including mental retardation and retardation of the ability to respond to stimuli, according to research in mice. In reports in Nature and the Journal of the American Medical Association before the start of the human trial, the lead researcher of the study. “We want to undergo the experimental procedure only on patients who are going to die,” said Dr. Samuel A. Tisherman, a medical ethicist at New York University. “There’s a grave risk that they won’t bring the person back to life.”

Killing a Patient to Save His Life

Researchers step into a scientific void with a novel experiment in the emergency room.

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In this part of the simulation, the “patient,” whose heart has stopped because of massive blood loss, has been unmasked.

**The Esther A. & Joseph Klingenstein Fund | SIMONS FOUNDATION**

The Esther A. & Joseph Klingenstein Fund and the Simons Foundation congratulate the winners of the 2014 Klingenstein-Simons Fellowship Awards in the Neurosciences.

These awards support extraordinary scholars early in their academic careers.

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Computational Services Guide

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**Computer Services Guide**

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