

She pauses.

“If I had seen him half an hour before, we might have been able to do something about it, but there were so many people lying there, people calling you. But still, we could have done something.”

In one week, 54 people died. The hospital did not have IV fluid or oral rehydration salts tablets in stock. MSF shipped more than 800 litres of ringer the first day of the intervention and many more litres since. Twelve shipments of medical and logistical supplies arrived in 10 days. A 16-strong MSF team was dispatched to Beitbridge and more than 100 local health workers and cleaners have been hired.

Within 3 days, a cholera treatment centre with 130 specialized beds — they have a hole in the middle, under which a bucket is placed to collect diarrhea — was set up.

The only treatment is to give a person enough fluids to survive until the bacteria’s life cycle expires, typically 5 days. Without those fluids, a person can die within hours.

Hygiene is the only means of prevention. Within 2 days of the outbreak, a MSF car with 2 officials from Zim-

babwe’s Environmental Health Office, travelled through the town, delivering public health information through a loudspeaker.

Angry crowds gathered to shout:

“How do you expect us to control cholera when there is no water!”

“Look at this sewage running here right next to us!”

“Why don’t you clean up the garbage in the streets?”

It is a migrant town, with a shifting tide of truckers, sex workers, unaccompanied children and desperate people seeking better lives, mostly by attempting to cross the border into South Africa. Sewage runs through the streets. Every day there are water outages, power outages and outages of hope.

A MSF car pulls off the highway into an area where truckers wait for customs clearance to cross the border to South Africa. The truckers are as angry as the local residents. They show us the cesspool where they wash their hands and the adjoining field covered in human excrement. “Where are we supposed to go?” asks one man.

The water station doesn’t have the parts to repair the pump needed to bring water from a tower to the town.

Even if it did, it takes electricity to run the pumps, electricity generated with coal from a coal mine that no longer supplies coal. The mine workers haven’t been paid in a year. Neither have the garbage collectors. The sewage facility is in a similar fix. There is no solution in sight. — Alois Hug, Beitbridge, Zimbabwe

**Cholera update:** As of Jan. 8, 2009, there were 35 931 people with cholera in Zimbabwe and 1778 residents had died as a result of the epidemic, according to the World Health Organization. All 10 provinces have been hit and United Nations aid agencies have warned that the number of cases could top 60 000.

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## Briefly

**Measles mortality falling:** In 2007, 197 000 people died from measles, down from 750 000 in 2000. The Measles Initiative ([www.measlesinitiative.org](http://www.measlesinitiative.org)), an organization that provides support for vaccination campaigns and disease surveillance, stated in a De-



Daniel Cima, American Red Cross

Despite a concerted effort, measles still takes a deadly toll. In 2007, 197 000 people died worldwide after contracting the vaccine-preventable disease.

ember 2008 report that 63% of the global reduction took place in Africa, largely due to immunization efforts. The Eastern Mediterranean showed the largest overall reduction, with a decrease of 90%. “The progress that has been made shows what can be achieved through measles vaccination campaigns, but much more needs to be done,” UNICEF’s Executive Director, Ann M. Veneman, stated in a media release. Progress has been slower in countries such as India — which accounts for one-third of measles-related deaths worldwide — due to delays in the implementation of large-scale vaccination campaigns.

**Green group:** Medical Students for Environmental Health has been founded by University of Alberta medical student Sean Welling to combat the “gross deficiency in education and student advocacy groups regarding the medical im-

pacts of the environment on health.” The group aims to raise awareness within the school and the medical community about the many ways the environment affects human health. Welling says he hopes this will one day be part of medical school curriculums: “As future physicians, we should know how the air we breathe, the water we drink and the food we eat affects our health.”

**Hold the cold meds:** Children under 6 years old should not be given cough and cold medications, according to a Health Canada decision on labelling on Dec. 18, 2008. The statement warns of potential severe side effects, based on numerous severe reactions January 1995–2008 ([www.hc-sc.gc.ca/ahc-asc/media/advisories-avis/\\_2008/2008\\_184-eng.php](http://www.hc-sc.gc.ca/ahc-asc/media/advisories-avis/_2008/2008_184-eng.php)). — David Manly and Erika Gilbert, Ottawa, Ont.

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