

SOLUTIONS FOR PUBLIC HEALTH

SIMPLE, EFFECTIVE, AND AFFORDABLE



WATER & HYGIENE

NANO-WATA
for the treatment
and disinfection
of water

More than 15 years ago, Antenna developed a range of devices which transform a saltwater solution into chlorine (sodium hypochlorite). Today, the Wata devices are distributed by the social enterprise Watalux and have improved the lives of millions of people. We work in schools and health centers in many countries. We work in partnership with the Swiss Cooperation, the ICRC, UNICEF, Médecins Sans Frontières, and the German Cooperation (GIZ). Recently, the Antenna Foundation developed an even more portable device which will be useful for small medical centers, households, and people in remote areas (e.g., midwives).

With two tablespoons of salt and half a glass of water (80 mL), a Nano-WATA device produces in 20 minutes a solution that can create:

- 320 L of drinking water
- 0.6 L of disinfectant



MEDICINES

**HIBISCUS
AND KINKELIBA**
plants against
hypertension

In partnership with the University of Saint Louis in Senegal and the University of Geneva in Switzerland, Antenna has demonstrated, during clinical studies conducted in Senegal, Jordan, and Iraq, the anti-hypertensive efficacy of two plants, *Hibiscus sabdariffa* and *Combretum micranthum*. Whether they are in the form of decoction, tablet or capsule, their effectiveness is comparable to the synthetic treatment, without the side effects. In partnership with the company Nat&Form, we sell hibiscus in Switzerland in capsule form. The profits generated are used to finance other research projects.



SUGAR
a lifeline during
severe malaria

Hypoglycemia is one of the main risk factors for fatal outcomes in children with severe malaria. In a clinical study conducted in collaboration with the hospital of Sikasso in Mali, Antenna demonstrated that wet sugar, placed under the tongue of children in the first hours of a severe malaria attack, corrects the hypoglycemia. This first aid measure can be performed at home or in the hospital. Thanks to Antenna's work, this technique is now recommended in the Clinical and Therapeutic Guide of Médecins Sans Frontières and in the Guide to hospital care for children of the World Health Organization.





NATURAL SOLUTION TO GET RID OF LICE, safe, affordable, and clinically effective

Head lice infestation is a common public health problem, but it particularly afflicts the poorest populations. At Antenna, we have been inspired by Brazilian anti-lice recipes based on salt, vinegar, and water. We improved these formulas, then tested them scientifically. After three applications, a high rate of elimination of head lice was observed, without any side effects.



ARGEMONE MEXICANA local solution against malaria

Antenna collaborated with the universities of Bamako and Oxford, and demonstrated in several clinical studies in Mali, that the decoction of the plant *Argemone mexicana* was as effective as the standard malaria treatment. This locally produced solution successfully treated malaria attacks in patients as young as five years old who had semi-immunity, i.e., who had already been exposed to malaria. Thanks to Antenna's work, the plant is currently recommended by the Malian health authorities as a treatment against malaria.



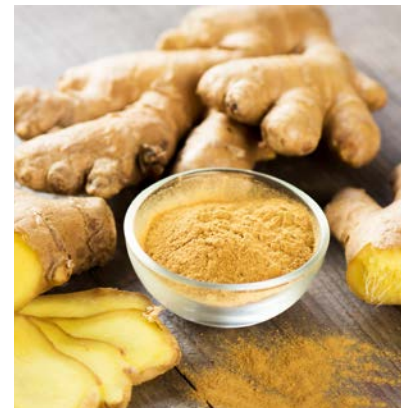
DIALOGUE OF CRISIS words that heal

The Crisis Dialogue (CD) is a verbal tool, developed by Antenna in collaboration with Parisian psychiatrist Henri Grivois and a team of specialists in French-speaking Switzerland, to reduce the trauma linked to the onset of psychosis and facilitate the return to a normal life. The CD has the advantage that it can be taught easily to anyone, whether they are medical professionals or not, and regardless of the cultural context. Thus, Crisis Dialogue is currently used in Switzerland, France, Palau (Micronesia), Morocco, and soon in Iraq.



NATURAL SELF CARE take care of yourself

"Natural Self Care" is a web platform (<https://natural-self-care.org/>) developed by Antenna, which allows you to take care of yourself using questionnaires inspired by those developed by the British Medical Association. These questions allow you, according to your symptoms, to find natural remedies to treat yourself, or direct you to a doctor if necessary. The site also suggests over 30 plants, found in all climates, whose effectiveness has been demonstrated by rigorous comparative clinical studies. An evaluation is underway in partnership with the University of Yaoundé for an adaptation of the website for Cameroon.



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