

Pediatric Iodine

Safe Antibacterial, Antiviral & Antifungal for Children



“Are you ready for a world without antibiotics,” runs the headline in the British Guardian. “Antibiotics are the bedrock of modern medicine. But in the very near future, we’re going to have to learn to live without them once again. And it’s going to get nasty. The era of antibiotics is coming to a close. In just a couple of generations, what once appeared to be miracle medicines have been beaten into ineffectiveness by the bacteria they were designed to knock out. Once, scientists hailed the end of infectious diseases. Now, the post-antibiotic apocalypse is within sight.”

Antibiotics have been a disaster and have been overused and now they are dangerous and ineffective against a generation of superbugs that they helped create. Imagine the field of pediatrics without antibiotics to over prescribe and you are imagining a more humane and effective field of medicine. Take away their vaccines also and there is not much left for them to do but turn to iodine when infections threaten.

According to several studies, obstetricians and gynecologists write 2,645,000 antibiotic prescriptions every week. Internists prescribe 1,416,000 per week. This works out to 211,172,000 prescriptions annually in the United States, just for these two specialties. Pediatricians prescribe over \$500 million worth of antibiotics annually just for one

condition, ear infections. Yet topical povidone iodine (PVP-I) is as effective as topical ciprofloxacin, with a superior advantage of having no in vitro drug resistance and the added benefit of reduced cost of treatment.[1]

Iodine should never have been replaced with antibiotics in the first place for in the long run they have hurt our children and just about every adult alive today. I wrote a book about Iodine, *Bringing Back the Universal Medicine* and talk about this most essential nutritional mineral, which is important in the treatment and prevention of cancer, diabetes, heart and neurological diseases. Iodine actually was the first allopathic medicine discovered and the only one that guaranteed recovery from the disease it was prescribed to treat – for goiter. More iodine has been produced and used in hospitals than any other during these past 150 years. Pediatricians need to open up their minds to iodine for in the end it's the one substance that stands between their patients and a horde of hostile infections that are increasing sweeping the world.

Every parent needs iodine to protect their children and themselves from super resistant bacteria that are increasingly dominating infections in hospitals. Parents also need iodine when the first signs of flu or other viruses strike. Every mother will want to have a bottle of Nascent Iodine for it is ideal for giving to children in high dosages without stomach upset. Lugol's is good and less expensive iodine but try and get it down a child's throat. Pediatricians also will want to stock their shelves with this iodine so they can make sure that each of their young patients is being dosed with palatable iodine.

Educated parents who protect their children from the vaccinationists, whose main lust in life is to poison and weaken the immune system of young children, know that iodine can step in to strengthen not weaken our children's immune systems. Iodine is the supreme enemy not only of the nastiest bacteria but also their smaller distant cousins the viruses medical officials have us so worried about.

Though it kills 90 percent of bacteria on the skin within 90 seconds its use as an antibiotic has been tragically ignored. Iodine exhibits activity against bacteria, molds, yeasts, protozoa, and many viruses; indeed, of all antiseptic preparations suitable for direct use on humans and animals and upon tissues, only iodine is capable of killing all classes of pathogens: gram-positive and gram-negative bacteria, mycobacteria, yeasts, and protozoa. Most bacteria are killed within 15 to 30 seconds of contact.

The minimum number of iodine molecules required to destroy one bacterium varies with the species. For *H. influenzae* it was calculated to be 15,000 molecules of iodine per cell. When bacteria are treated with iodine, the inorganic phosphate up-take and oxygen consumption by the cells immediately ceases. [2] Iodine is an excellent microbicide with a broad range of action that includes almost all of the important health-related microorganisms, such as enteric bacteria, enteric viruses, bacterial viruses, fungi and protozoan cysts.[3]

*Iodine is by far the best antibiotic,
antiviral and antiseptic of all time.
Dr. David Derry*

Dr. Derry says that iodine is effective “for standard pathogens such as Staphylococcus, has the broadest range of action, fewest side effects and no development of bacterial resistance.” There is a world of difference between using an antibiotic – anti-life substance – and an antibiotic, antiviral and antifungal substance like iodine, which is life serving because it is a basic and most necessary nutritional substance.

Iodine kills single celled organisms by combining with the amino acids tyrosine or histidine when they are exposed to the extra-cellular environment. All single cells showing tyrosine on their outer cell membranes are killed instantly by a simple chemical reaction with iodine that denatures their proteins. Nature and evolution have given us an important mechanism to control pathogenic life forms and we should use it and trust it to protect us in ways that antibiotics can't.

*Staph are incredibly cagey, and will ultimately
find their way around any antibiotic in use.
Dr. Kenneth Alexander*

A new antibiotic resistance gene has become widespread in several species of bacteria in India, Pakistan, and the UK. Bacteria with the gene are resistant to nearly all classes of antibiotics, reports an international team of scientists today in *The Lancet Infectious Diseases*.¹ The bacteria appear to have been brought into the UK and other European countries by patients who travelled to India for medical procedures including cosmetic surgery. One of the strains studied in the research was “truly pan-resistant” — resistant *in vitro* to all available classes of antibiotics write the researchers, led by Karthikeyan Kumarasamy, of the University of Madras, Chennai, India. This finding “could herald a period in which antibiotics become redundant,” according to a press release by *The Lancet*.

*Studies have shown that the chances of dying
from hospital pneumonia or septicemia (blood poisoning)
are twice as high if the bacteria are drug-resistant,
rising in the case of pneumonia from 20-30% to 40-60%.*

Highly contagious, spread by coughs and sneezes, pertussis is now epidemic in California, with 2,774 confirmed cases in 2010 — a sevenfold increase from last year, putting the state on track for the worst outbreak in 50 years. Seven infants have died. Mothers everywhere are going to be desperate as this spreads further year by year. They are going to need to understand how to use iodine as well as magnesium and sodium bicarbonate to combat these vaccine failed infections. We have to hope that pediatricians come to their senses and embrace safe ways of dealing with their patients infections.

The nation's hospitals are failing to protect patients from potentially fatal infections despite years of prevention campaigns, the government said in April of 2010 and called for "urgent attention" to address the shortcomings, which were first brought to light over a decade ago. As many as 98,000 people a year die from medical errors, and preventable infections. Rates of bloodstream infections following surgery have recently increased by 8 percent. Urinary infections from the use of a catheter following surgery have increased by 3.6 percent. The overall incidence for a series of common infections due to medical care has increased by 1.6 percent. Iodine can and will, if universally used again, reverse these increases.

If you've just been to hospital, and have recently developed hepatitis – guess where you got it from? Researchers have discovered that it's common for patients to get infected with the virus from hospital equipment – but they don't know the extent of the problem. Researchers traced the infections back to the IV (intravenous) drip that was used to deliver anaesthesia during a procedure. Researchers admit that infection from contaminated equipment in hospitals is common – but they have no idea about the extent of the problem, and how many people have been unwittingly infected.[4]

Infections cause 68 pct of child deaths

Iodine potentially can save millions of lives. More than two thirds of the estimated 8.8 million deaths in children under five worldwide in 2008 were caused by infectious diseases like pneumonia, diarrhea and malaria, according to a study on behalf of the World Health Organization and the United Nations Children's Fund (UNICEF). The study, published in the Lancet found that infectious diseases caused 68 percent of deaths in under fives, led by pneumonia (18 percent, 1.58 million children), diarrhea (15 percent, 1.34 million) and malaria (8 percent, 0.73 million).

Many people who die in the hospital after surgery are dying not from the surgery itself but from the infections that have gotten out of control. "In many ways, this is it," Professor Tim Walsh. "This is potentially the end. There are no antibiotics in the pipeline that have activity against NDM 1-producing enterobacteriaceae. We have a bleak window of maybe 10 years, where we are going to have to use the antibiotics we have very wisely, but also grapple with the reality that we have nothing to treat these infections with." Walsh, like most doctors today, have totally forgotten about iodine and how it is used routinely to sweep anything, it is applied to, clean of infections.

It may be some time before we really enter the predicted "post antibiotic era" in which common infections are frequently untreatable.[5]

Dr. Marc Lipsitch et al.

Harvard School of Public Health

Dr. David Derry wrote, "Iodine was the most effective agent for killing viruses, especially influenza viruses. Aerosol iodine was found to kill viruses in sprayed mists, and solutions of iodine were equally effective. In 1945, Burnet and Stone found that

putting iodine on mice snouts prevented the mice from being infected with live influenza virus in mists. They suggested that impregnating masks with iodine would help stop viral spread. They also recommended that medical personnel have iodine-aerosol-treated rooms for examination and treatment of highly infected patients. Current methods of dealing with influenza infection are isolation, hand washing, antiviral drugs, and vaccinations. All of these methods can be improved by incorporating iodine into them. When impregnated with iodine, masks become much more effective, and hand washing is more effect when done with mild iodine solutions.”

The tremendous diversity and mutability of many infections and their ability to intelligently exploit the cells is one of the main reasons we should return to iodine as our favored broad spectrum antibiotic, anti-viral and anti fungal agent. Iodine provides us with a safe way to strengthen innate responses to invading microbes while simultaneously correcting or eliminating a basic nutritional deficiency that causes immunological unresponsiveness. Iodine also chelates out of the thyroid mercury and the full list of halogens that are poisoning most everyone.

[1] Evaluation of topical povidone-iodine in chronic suppurative otitis media; Java C et al; Arch Otolaryngol Head Neck Surg. 2003 Oct;129(10):1098-100 ; Entrez Pubmed

[2] STERILIZATION ACTION OF CHLORINE AND IODINE ON BACTERIA AND VIRUSES IN WATER SYSTEMS; JOHNS HOPKINS UNIV BALTIMORE MD SCHOOLOF HYGIENE AND PUBLIC HEALTH; Final rept. 1 Jul 1962-30 Jun 1966;

stinet.dtic.mil/oai/oai?&verb=getRecord&metadataPrefix=html&identifier=AD0476804

[3] Table 4: Microbiological Efficacy Activity of PVP-Iodine versus Bacteria, Yeasts and Molds, Actinomycetes and Rickettsia

ORGANISMS (NO. of STRAINS)	RANGE OF PVP-I IN ppm AVAILABLE IODINE	CONTACT OF KILL TIME IN SECONDS
Proteus (41)	100 – 2500	15 – 180
Staphylococcus (36)	66 – 2500	15 – 80
Pseudomonas (36)	25 – 2500	15 – 900
Streptococcus (25)	200 – 2500	15 – 30
Escherichia (23)	200 – 2500	30 – 120
Salmonells (9)	1000 – 2500	15 – 60
Candida (8)	3.75 – 2500	10 – 120
Serratia (6)	200 – 2500	60 – 120
Spores-Baccillus; Clostridium (6)	10000	2 – 5 Hours

Trichomonas (5)	400 – 2500	30 – 60
Enterobacter (4)	1000 – 2500	60
Klebsiella (4)	500 – 2500	60
Clostridium (4)	1000	30 – 60
Shigella (3)	1000 – 2500	60
Corynebacterium (3)	2500	60
Diplococcus (3)	1000 – 2500	60
Mycobacterium (3)	1000 – 2500	60 – 120
Bacillus (3)	7.5 – 2500	10 – 30
Sarcina (2)	500 – 2500	60
Trichophyton (2)	1000	60
Aspergillus (2)	1000	30
Mima (1)	2500	60
Herella (1)	2500	60
Edwardsiella (1)	2500	60
Citrobacter (1)	2500	60
Providencia (1)	1000	60
Acinetobacter (1)	3.75	10
Epidermophyton (1)	1000	60
Microsporum (1)	1000	60
Pencillium (1)	1000	30
Nocardia (1)	2500	60

[4] Source: Gastroenterology, 2010; 139: 163-70.

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