

## Is it Really Necessary to Remove the Metal Plate When an Infectious Process in the Bone Does Not Resolve with Clinical Treatment?

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**DOI:** 10.31080/ASOR.2022.05.0569

Nosocomial osteomyelitis is a complication that needs immediate treatment and can often require the removal of the metallic implant, increasing expenses and prolonging recovery by the patient [1].

The most common bacteria responsible for two-thirds of infection in orthopedic implant infection is *Staphylococcus aureus* in osteomyelitis and septic arthritis [2].

The mechanism involved in this implant infection is related to bacterial adhesion in implant infection. The factors involved in this process depend on material surface properties, bacterial effects, and the existence of tissue and serum proteins [2].

There are some studies in the literature showing that implants that have porous or smooth surfaces have more propensity to have an infection and they need only 2.5 times fewer bacteria to induce infection, compared to polished surfaces [3].

In this editorial, I would like to show that there are other forms of infection of the bone tissue when there is a metal implant, a form of hospital infection that requires a lot of effort from the team that treats this type of complication, related to energy alterations of the patient in question, which until then, has not yet been discussed in the scientific literature [4].

In a study written by Heitzmann, *et al.* (2019), entitled *Postoperative Chronic Osteomyelitis in the Long Bones – Current*

**Received:** September 05, 2022

**Published:** September 13, 2022

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*Knowledge and Management of the Problem*, they are saying that this kind of infection can occur in 5 to 50% of open fractures and less than 1% of close fractures. The acute hematogenous spread is responsible for 5% of the bone infection [5].

According to Hippocrates (460 BCE - 375 BCE), the father of medicine, we must treat the patient and not the disease. The different focuses on patient treatment have led to complications or not, as medicine currently has basically treated the most superficial levels of disease development, due to the implementation of Flexner in 1910, when they managed to change the entire medical curriculum of the faculties of Medicine of the Americas and Canada. Flexner was not a doctor but he had school teacher training and as he was being sponsored by the Rockefeller and Carnegie foundations, he implemented that everything that would be considered scientific, would be proved through laboratory and/or radiological exams, and in this way, medicine uses this way of thinking and reason to this day [6,7].

However, this way of thinking generated a big problem that is reflected in our medicine today because, since antiquity, it is also confirmed by several scientists and physicists such as Albert Einstein (1879-1955) that everything that exists in our universe is formed by energy and the human being is part of this universe and is also made up of energy [8].

All these differences regarding the different levels of diagnosis and treatment are very well explained by me, in several articles

I have written in recent years, in the most diverse specialties, emphasizing the need to diagnose and treat the development of diseases from the imbalances of energy and not only treat the symptoms resulting from this energy transformation, which in most cases are not seen with the naked eye. When the patient has an alteration at the laboratory level, he has already had an alteration in the energy level for many years, which could very well be prevented if doctors were trained to make a diagnosis at this energy level and not only when the disease developed [8-10].

In the case in question, where I am questioning whether there is really a need to remove the metal implant from the patient when he has a post-surgical infection that has not improved with clinical treatment with antibiotics, surgery for debridement, and cleaning of the infected lesion, and others, recommended procedures, the next hypothesis would be to remove this metallic implant because according to the existing theories until then, it would be that the presence of this implant, due to the pores it presents and the presence of a biofilm, would make it difficult for the antibiotic to enter to treat the local infection [11].

However, in my thirty years of clinical experience, one of my functions being to control hospital infection in my city right at the beginning of my career as an infectious disease specialist, I had the opportunity to study other older medicines that medicine practically forgot or that, considers it “unscientific”, because it deals with the part that we do not see, which is the part of the energy, which all human beings are formed. I studied here in Brazil, but in this country, acupuncture and homeopathy have been considered a medical specialty since 1995 and 1980 by the Federal Council of Medicine and, therefore, they are considered one of the countries in which we manage to integrate the patient in his physical and energy part and this is what I am going to talk about the need or not to remove this metal implant when the infection does not resolve with the usually recommended treatments [9,12].

In an article recently written by me (2022) entitled *What Do We Need to Know to Prevent and Control Nosocomial Infections Completely? - Part 2*, I said that infection control programs can only control 1/3 of nosocomial infections and 2/3 of remnants still cannot control, because they do not include in their clinical reasoning, the part “under the earth”, considered the “root” of all diseases formation and in addition to the external pathogenic factors, which are Cold, Wind, Humidity, Dryness, Heat [13].

In this metaphor of the tree, I describe the different levels of diagnosis and treatment according to Western medicine and traditional Chinese medicine. In Western medicine, all the “branches of this tree” represent each medical specialty, and each “leaf” that is coming out of each branch, represents the symptoms or diseases treated by each medical specialty [8,9].

In the case of nosocomial osteomyelitis, Western medicine is treating the infection itself, at the “leaf level” of the tree, however, according to traditional Chinese medicine, all manifestations at the “leaf level” are caused by imbalances at the “root” of the tree and also, under the influence of these external pathogenic factors that surround the tree, which Western medicine still does not understand and does not consider these factors as possible inducers in the formation of disease [4,10].

At the “root” level, there are basically two important theories that all diagnoses and treatments of traditional Chinese medicine are based on, which are the theory of *Yin* and *Yang* and the Five Elements theory [9].

According to traditional Chinese medicine, all diseases come from the imbalance of these energies presented in the “root” of the tree, in this case, including community and hospital infections [14].

In an article written by me (2019) whose title, *Is It Possible to Treat Community-acquired and Nosocomial Infectious with the Same Method, Without the Use of Antibiotics?* I am demonstrating that the treatment of *Yin* and *Yang* energy imbalances and the rebalancing of the energies of the five elements (which usually get out of balance with emotions and errors in food), in addition to also considering the influences of external pathogenic factors as possible inducers and perpetrators of infections, I have shown that we are often able to treat most infections without using antibiotics. And the use of antibiotics in this “new energy pattern” that our world population is going through (characterized as having an energy shortage) has led to a worsening of the energy level of the patient and perpetuating the energy imbalances that the patient already had before the infectious process [14].

The possibility of doing all these treatments without using antibiotics was first presented in Madrid in December 2018 at an infectious diseases conference having as a reference a patient I treated in 2006, who has become the model to follow in the treatment of the most diverse diseases in the most varied specialties [15].

This patient was a 70-year-old man who was presenting with pain in his legs and was not improving with the use of anti-inflammatory medications. He was looking for me to do a different treatment for which he was being submitted until then [16].

I decided to do a treatment focusing my reasoning on the energy imbalances he has and not just treating his symptoms of leg pain. After this treatment, he told me that the pain had improved but another symptom he had (which he had not told me about) had also improved. The patient uses eye drops without any improvement to treat his glaucoma condition in the last 40 years and for the first time in this patient's life, his intraocular pressure decreased from 40 to 17 mmHg, after receiving this treatment rebalancing the internal energy, presented on the "root" of the tree [16].

After this case, countless cases were treated and published by me to show that behind a symptom, there is always an imbalance of energy that most doctors have to treat, and that is actually the "root" of the symptoms of all disease formation [17,18].

Therefore, in this editorial, I would like to say that the evolution of a patient with nosocomial bone infection when he has a metal implant, can be treated and cured without the need to remove the metal because what is causing the infectious process is energy imbalances that are at the "root" of the tree and that we cannot see with the naked eye [4,10].

This statement was confirmed by me when I treated a 32-year-old patient with osteomyelitis in her right knee with a metal implant and screws to fix the fracture (which was exposed at the time of the motorcycle accident she suffered in 2020) and she was making use of the most variety of antibiotics, without improvement of the infection. The patient came to me in May 2022 and did the treatment by rebalancing the "root" of the tree, and only using this kind of reasoning, it was possible to cure the hospital infection, without using any type of antibiotics. This case was published this month under the title *Immunodeficiency Generated by Energy Deficiency as the Cause of Non-Improvement of Nosocomial Osteomyelitis in the Knee Post Motorcycle Accident* [4].

For this result, it was necessary as techniques of maintenance or balance of the internal massive organs (Liver, Heart, Spleen, Lungs, and Kidney), guiding the foods according to the energy presented on each food thought to maintain the balance of each organ. It was

necessary to perform acupuncture with apex ear bloodletting to remove the entire process of internal Heat that was generating the infectious process at the "leaf" level. And it was also necessary to replenish the energy of the five internal massive organs using highly diluted medications according to the theory created by me (2020) entitled *Constitutional Homeopathy of the Five Elements Based on Traditional Chinese Medicine* and crystal-based medicines, to reduce the formation of internal Heat, that was keeping the infectious process [14,20].

It is important to make this observation that not only this patient reported above have low energy in the massive internal organs but most patients today are in this same situation due to chronic exposure to electromagnetic radiation from the use of cell phones and computers, leading to a reduction of our vital energy, and causing a state of immunodeficiency in humans, as demonstrated in the article *Energy Alterations and Chakras' Energy Deficiencies and Propensity to SARS-CoV-2 Infection* and also in the article *Is the Population in the World the Same as in the Past?*, and in the third article *Are We Vaccinating Immunocompetent or Immunocompromised People for COVID 19?* [21-23].

It was not necessary to remove the metallic implant from the patient and another surgical procedure was avoided because as this patient had very low energy in the internal organs, a new procedure could cost her life, due to the risks of performing anesthesia on a patient in this low energy situation, and published in the article *Are Patients Without Surgical Risks Really Without Surgical Risk?* [19].

Currently, this patient is completely healed and without any secretions draining through the surgical wound, and the leak point is completely healed, without hyperemia, edema, without pain [4,10].

Therefore, in order to understand how it will be possible to treat a bone infection after hospital surgery, without removing the metal implant from this bone, we must take into account the oldest medicines, before the current medical practice, as recommended by Hippocrates (460 BCE - 375 BCE), father of medicine [8,9].

Furthermore, we must always remember to treat the patient and not just the disease that the patient presents and "make our food our medicine and our medicine our food". These Hippocratic phrases are important to guide the treatment performed on this

patient in question, but in all other therapies today, I always follow these commandments, as they are the basis for the success of the treatment of our patients, strengthening the internal energy. So, he says, "natural forces within us are the greatest healers of disease" [6].

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