

Oxygen Therapy Kingston

Oxygen Therapy Kingston - H₂O₂ or likewise known as Hydrogen peroxide is a compound containing a single bond oxygen-oxygen and an oxidizer. The chemical name is H₂O₂. Hydrogen peroxide is a clear liquid that is somewhat more thick as opposed to water. It is often used as a bleach or a cleaning agent. It is considered a very reactive oxygen type as the oxidizing capacity of H₂O₂ is really strong.

Hydrogen peroxide has numerous uses, as it can be used to propel rocketry. Naturally it is a by-product of oxidative metabolism produced within organisms. Almost all living things contain enzymes called catalase peroxidases that catalytically and harmlessly decompose low concentrations of H₂O₂ into water and oxygen.

Usually recognized as safe, H₂O₂ is utilized as an oxidizing agent, as an antimicrobial agent and for various other reasons by the U.S. FDA. Like for example, thirty five percent hydrogen peroxide is made use of in the hospitals so as to prevent spread of infections and H₂O₂ vapour is registered as a sporicidal sterilant with the United States EPA.

Amongst the uses of hydrogen peroxide include: utilize as an acne treatment when mixed with benzyl peroxide, and it is utilized in veterinary practice as an emetic. Hydrogen peroxide can be used as a toothpaste or as an oral debriding agent, when combined with the correct quantities of baking soda and salt, even if, this formula is not more effectual compared to toothpaste by itself.

The reputation for hydrogen peroxide is that it can be utilized as an antiseptic or as a disinfectant in the treatment of wounds. This however, is a common misconception. Though H₂O₂ is an efficient cleaning agent, it is not suggested for lessening bacterial infection of wounds and applying it can really impede healing and potentially lead to scarring as it destroys skin cells which are newly formed.

For the treatment of certain illnesses such as cancer, some alternative medical practitioners have recommended drinking diluted hydrogen peroxide. The American Cancer Society states that "there is no scientific evidence that hydrogen peroxide is a safe, effective or useful cancer treatment", and advises cancer patients to "remain in the care of qualified doctors who use proven methods of treatment and approved clinical trials of promising new treatments."

Intravenous use of H₂O₂ has been associated to some deaths. Another controversial medical process that has surfaced in the alternative health realm has been the inhalation of hydrogen peroxide at a 1% concentration. Individuals have to be cautious and safe when making use of hydrogen peroxide.