

Oxygen Therapy Timmins

Oxygen Therapy Timmins - H₂O₂ or likewise known as Hydrogen peroxide is a compound containing a single bond oxygen-oxygen and an oxidizer. The chemical term is H₂O₂. Hydrogen peroxide is a clear liquid that is a little more thick than water. It is often utilized as a bleach or a cleaning agent. It is considered a very reactive type of oxygen as the oxidizing capacity of H₂O₂ is very strong.

Hydrogen peroxide has several 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.

When being utilized as an oxidizing agent, as an antimicrobial agent, or made use of for many other reasons; H₂O₂ is normally recognized to be safe by the U.S. FDA. For instance, thirty five percent hydrogen peroxide is made use of in the hospitals to be able to stop infection transmission and H₂O₂ vapour is registered with the United States EPA as a sporicidal sterilant.

Some of the different uses for H₂O₂ include: being used in veterinary practice as an emetic, and being mixed along with benzyl peroxide as an acne treatment. Hydrogen peroxide can be made use of as a toothpaste or as an oral debriding agent, if combined with the correct quantities of salt and baking soda, even though, this particular formula is not more efficient than toothpaste by itself.

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

For the treatment of certain ailments including cancer, some alternative medical practitioners have suggested 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 linked to several fatalities. Another controversial medical process that has surfaced in the alternative health realm has been the inhalation of hydrogen peroxide at a 1% concentration. Individuals need to be safe and cautious when making use of hydrogen peroxide.