**Vaccinations by Gabi Hlevner**

**Vaccinations are one of the greatest gifts medicine has given humanity. As a result, many serious diseases have ceased to threaten the public in developed countries and in most developing countries. Severe diseases that have previously killed many people, such as smallpox, polio, diphtheria, tetanus, have become a thing of the past and the number of patients has dropped to almost zero.**

 **When we vaccine, we introduce a weakened immune system or parts of the body to the immune system, thus triggering an immune response that allows it to develop an immune memory for the disease. In this way, the body will be able to successfully deal with the virus or the bacterium in the future if it happens to run into its wild version.
In recent years, a movement has developed that calls on parents not to vaccinate their children.**

 **Vaccines protect against infectious diseases, resulting in a significant reduction in morbidity and mortality from these diseases.
Vaccines protect against infectious diseases by providing individual protection to the immune person and by preventing the spread and transmission of diseases, including among those who have not been vaccinated at all.**

 **This effect describes a situation in which protection against a particular disease is created even in those who have not been vaccinated since the vast majority of those around them have been vaccinated. As a result, the number of people who develop the disease is reduced to such an extent that the possibility of contracting the disease becomes extremely limited.**

 **In addition, the mortality rate from infectious diseases has indeed declined dramatically since the discovery of antibiotics, but the rate of infection in these diseases has also declined significantly thanks to the provision of vaccines. There is a clear link between vaccination and low rates of infection in many diseases, such as measles, polio, diphtheria, tetanus, pertussis and more.**

 **In conclusion, vaccination has an important part in the health of every person and therefore should be vaccinated from a young age to prevent health problems in the distant future.**