

More than Three Decades of Proton Pump Inhibitors

Abu-Freha Naim

Soroka University Medical Center and Ben-Gurion University, Israel

The lecture will include a review of this medications group, including the history and development of the different type of proton pump inhibitors, the differences between the different PPIs in term of pharmacodynamic and pharmacokinetic features.

Indications of treatments, efficacy of the drugs and the doses of the different PPIs and route of taking will be a part of the lecture.

The PPIs were considered as safe medications, however in the last decade the are more and more reports regarding different side effects, in the short term and long-term use. The talk will include a comprehensive review of the different reported side effects in the updated literature. Important side effects will be included in the talk, osteoporosis, fracture risk, gastrointestinal infections, pneumonia, iron deficiency anemia, vitamin B12 deficiency, hypomagnesemia and increasing risk of polyps and gastric cancer.

Another issue will be included in the lecture will be the updated recommendation regarding use of proton pump inhibitors during pregnancy and during breastfeeding. What about drug-drug interaction? and what about patients with chronic renal failure or liver cirrhosis? Should the dose be adjusted? These questions will be answered during the talk. The talk will be closed with the best practice advices regarding these drug group.

Biography:

Dr. Naim Abu-Freha received his M.D. from the Tuebingen University, Germany at 2005 before becoming resident at internal medicine and then completed the gastroenterology residency at the Soroka Medical Center at 2014. He is a senior physician at the Institute for Gastroenterology and Hepatology, Soroka University Medical Center and lecturer at the faculty of Health science, Ben-Gurion University, Beer-Sheva, Israel. He deals with gastroenterology and hepatology in general, and especially with genetic syndrome of the colorectal cancer. He researched in different topics related to gastroenterology/Hepatology and different issues regarding the Bedouin Arab minority in southern Israel. He is one of the founders group of the Arab Medical Associations in the Negev (AMAN) and the first Chairman of the Associations since 2015.