References


Prof. Dr. Guido Rappene, Periodontolog, "A smart innovative tool very useful to reduce the risk of implantation. Soft tissue infections. Easy to place and to remove. For every day use."

Choose SilverPlug today

More info on:
www.silverplug.ch
How would you feel knowing that a gauze had been left in your hip replacement?

How does the silver zeolite work?

Silver is used as an antiseptic agent in medical topical gels and creams to reduce the bacterial load and improve the healing of wound exudation (Bekkedam et al., 2017).

A recent study (2020) reported the potential effect of a silver-coated gauze (SilverPlug®) on reducing the total bacterial amount and the percentage of anaerobic bacteria in the inner space of the hip implant (Kasprzak et al., 2020).

SilverPlug®, the silver seal

SilverPlug® helps to stop the spread and proliferation of bacteria. It is designed for use on the abutment of the implant, where the natural bacterial load is highest. SilverPlug® contains silver ions that effectively inactivate the vast majority of bacteria, including those that may cause infection, and thus prevent the formation of biofilms.

SilverPlug® can be used to seal the inner surface of the implant abutment, ensuring the efficacy of the silver-coating to prevent bacterial re-infection. After sealing, the silver ions in SilverPlug® continuously inhibit bacterial growth, reducing the risk of infection.

SilverPlug® is effective against a wide range of bacteria, including those responsible for implant-related infections. It does not cause any side effects and is easy to use, making it a valuable addition to the treatment of implant-related infections.

Silver Ions

Silver ions penetrate the collagen fibers of the implant and adhere to the bone surface, creating a barrier that prevents the growth of bacteria. This barrier significantly reduces the risk of infection and enhances the healing process.

80% of “healthy” implants present gum with mucositis

The mucosa surrounding implants is infected with adherent bacteria, a protocol of oral hygiene at home, increases the risk of peri-implantitis. SilverPlug® has a history of 20 years, and in every case, the mucositis decreases drastically. Healthy gums are more efficient to prevent peri-implantitis.

In the world 70% of implants is sealed with teflon, 20% with cotton and 10% with other inadequate materials.

In the use of removable materials to seal the implant tunnel, the persistence of bacteria is inevitable, which provokes infection of the peri-implant tissues, leading to the development of peri-implantitis, possibly leading to the failure of the implant.

In the use of metallic materials to seal the implant tunnel, the persistence of bacteria is inevitable, which provokes infection of the peri-implant tissues, leading to the development of peri-implantitis, possibly leading to the failure of the implant.

Instructions of use

1. Flush around implant after 30 months starting with a screw-on retained ceramic crown sealed with teflon. Note the healthy aspect on buccal view and the mucosa on occlusal view.

2. Open and maintain the seal of the tunnel.

3. Ensure that the seal is maintained for at least 1 year after installation.

4. Periodic maintenance is necessary to ensure that the seal remains effective.

SilverPlug® is the smartest certified seal to use the implant tunnel

Suitable for all kind of implant, it fits every size.