

HYPROTECT™ TREATED IMPLANTS

HyProtect™ is a pure elemental-silver based plasma coating which provides a continuous diffusion of silver ions to prevent the growth of bacteria on the surface of the implant for up to 3 months.

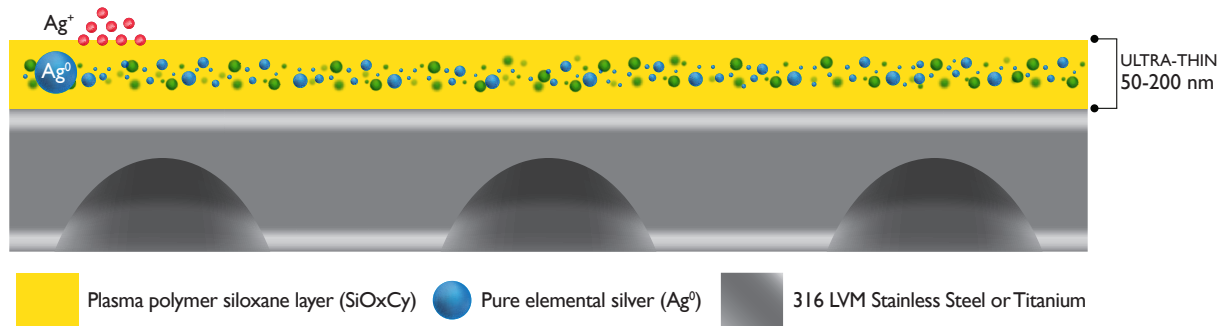


HYPROTECT™ = ANTIMICROBIAL + IMPROVED OSSEOINTEGRATION

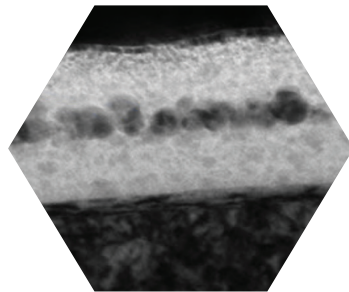
PVD (*Physical Vapor Disposition*) & CVD (*Chemical Vapor Disposition*) process for surgical implants

- A reservoir of pure elemental silver (Ag^0) particles embedded in a biocompatible plasma polymer (SiOxCy)
- Controlled and long-term generation of silver ions that diffuse through the plasma polymer forming an antimicrobial surface to help reduce the risk of infections

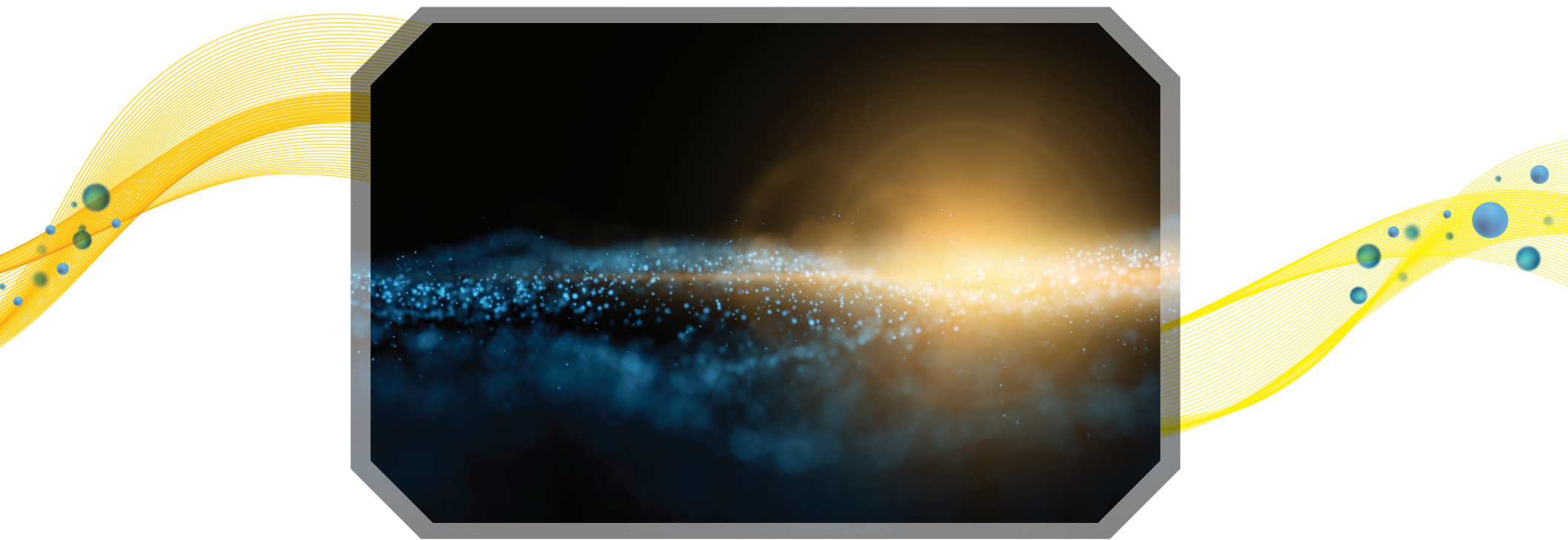
PVD (Silver particles disposition) & CVD (SiOxCy deposition)



MAGNIFIED FOR ILLUSTRATIVE PURPOSES



Actual cross section of
HyProtect™ coating



The hydrophilic surface creates an environment favorable to osteoblast cells and facilitates osseointegration. The HyProtect™ ultra-thin plasma coating is bioresorbable and has demonstrated infection rates less than $<0.5\%$.

HYPROTECT™ FACTS

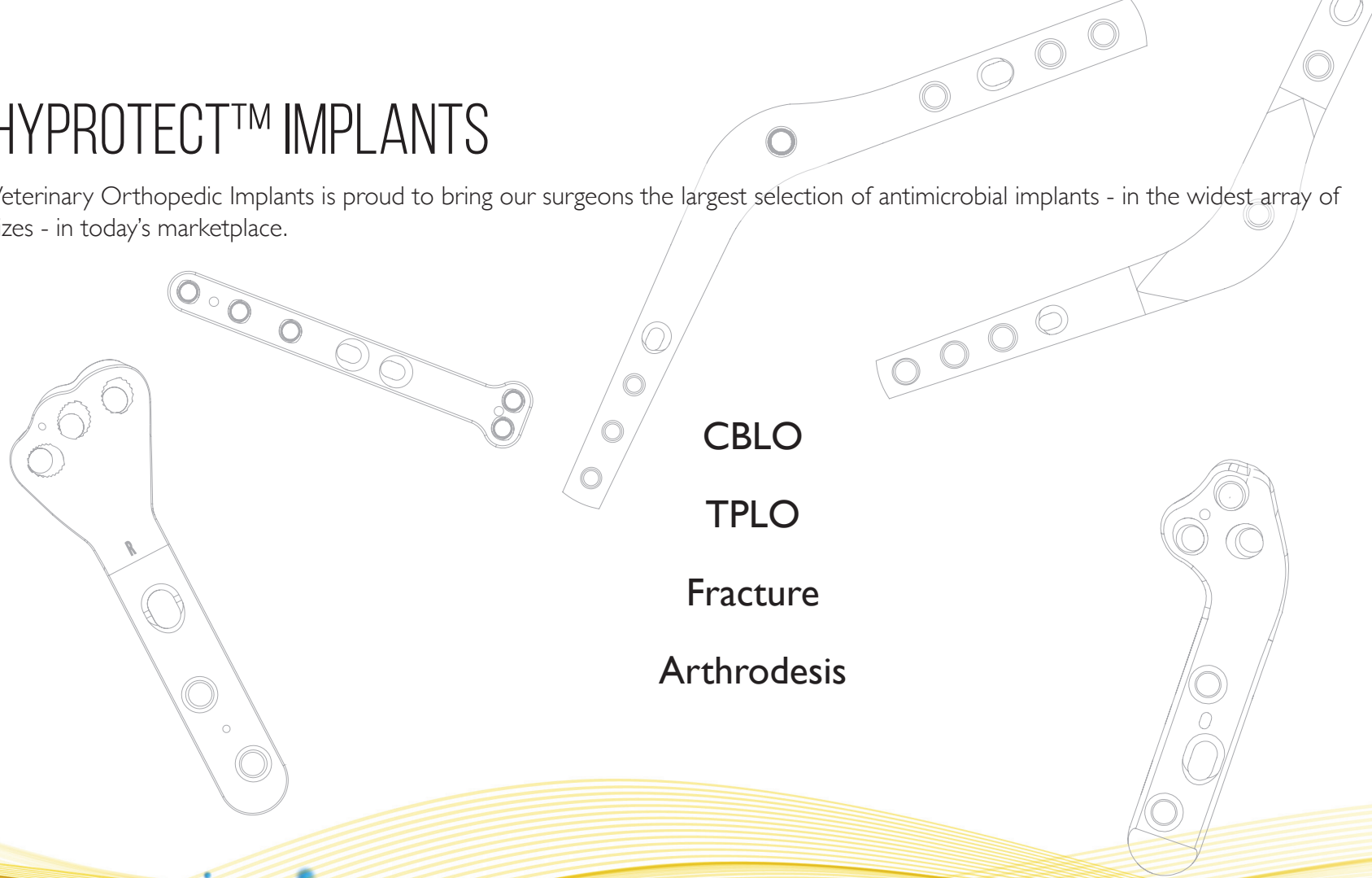
A decorative graphic featuring a flowing, wavy yellow line that curves across the slide. Several blue spheres of varying sizes are scattered along the path of the wave, particularly on the left and right sides.

- No cytotoxicity
- High biocompatibility
- Prevention of biofilm formation on implants
- Helps to reduce risks - promotes an improved healing environment and ensures higher treatment success
- Studies have demonstrated that the infection rate of HyProtect™ coated veterinary implants is lower than 0.5%
- HyProtect™ provides long-lasting, broad-spectrum efficacy against gram-positive, gram-negative, and multi-resistant germs including: Staphylococcus Pseudintermedius, Pseudomonas Aeruginosa, MRSA, MRSE, Acinetobacter Baumannii, VRE.

See our website for a comprehensive list of germs.

HYPROTECT™ IMPLANTS

Veterinary Orthopedic Implants is proud to bring our surgeons the largest selection of antimicrobial implants - in the widest array of sizes - in today's marketplace.

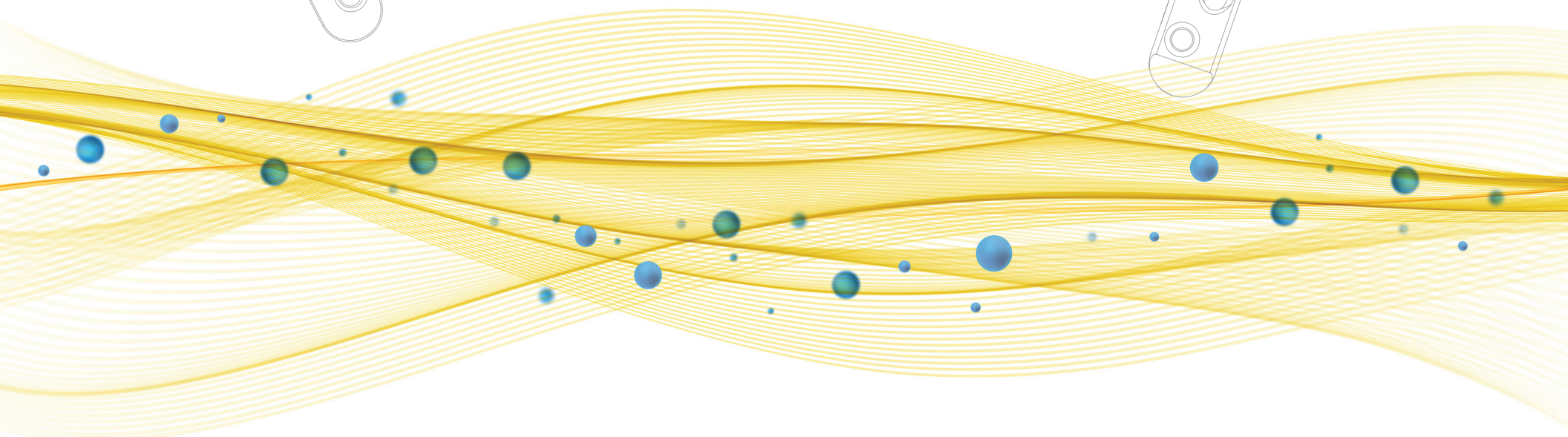


CBLO

TPLO

Fracture

Arthrodesis



CARE AND INVENTORY MANAGEMENT

All HyProtect™ implants arrive sterile with an outer box and are vacuum sealed in both a peel pouch and inner tear pouch with a moisture absorbing desiccant. Unopened implants have a shelf life of 3 years from the date of manufacture. This date can be found on the inner label provided on the peel pouch.

All VOI implants pass stringent quality tests but may endure minor nicks and scratches during manufacturing. These minor nicks and scratches may become more apparent with the HyProtect™ application. This will be less apparent on implants with a matte finish. These minor nicks and scratches do not alter the structural integrity or quality of the implants. Our implants are crafted from German-sourced 316 LVM stainless steel or titanium. *Material certifications are available upon request.*

DO NOT AUTOCLAVE! As stated above, HyProtect™ implants are packaged sterile. Autoclaving will drastically reduce the effectiveness of the HyProtect™ antimicrobial properties and is unnecessary.

Opening the implant's two interior pouches exposes the implant to the relative humidity in the air and thus activates the antimicrobial properties.

In the event that an implant is mistakenly opened but not used, here are your options:

- Use the implant for another patient case within days with minimal degradation of the antimicrobial effectiveness. Implants should be fully dried and returned to the pouches they came in as best as possible. It is recommended to use these implants as soon as possible; however, sterility can not be guaranteed.
- Sterilize it with traditional methods and use as a non-antimicrobial implant

INVENTORY MANAGEMENT:

We recommend you cycle your inventory on a first in - first out basis. This ensures your newest inventory is used last and your oldest inventory is used first.

RETURNS:

All HyProtect™ implants are non-returnable once opened. Only unopened implants in undisturbed* packaging are eligible for a complete return or refund.

****disturbed packaging means the two inner pouches the implant is packaged in has been stretched, torn, punctured or manipulated in any way including attempts to reseal original packaging.***

CERTIFICATE OF STERILIZATION:

All HyProtect™ implants are non-returnable once opened ***even with a certificate of sterilization.***

Should a product be received damaged and is UNUSED but removed from package you must return with a certificate of Sterilization for return under OSHA guidelines, confirming and accounting for the fact that all biological matter has been removed whether used in the field. Sterilization is NOT required; HOWEVER, the Certificate of Sterilization IS REQUIRED with a signature stating the implant was not used in a surgical setting.

The Certificate of Sterilization can be found online in the PREPARING A RETURN links found on vetimplants.com. An exact replacement will be sent once the damage has been assessed - no credits.



www.vetimplants.com

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