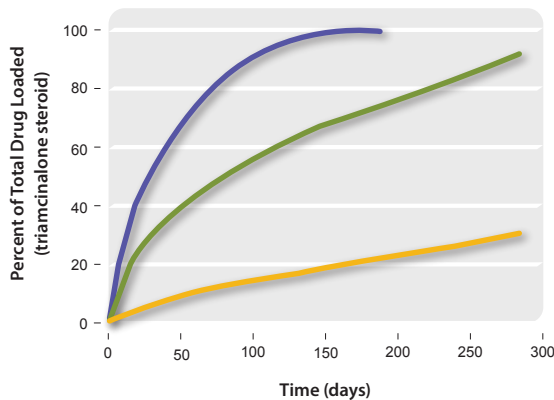


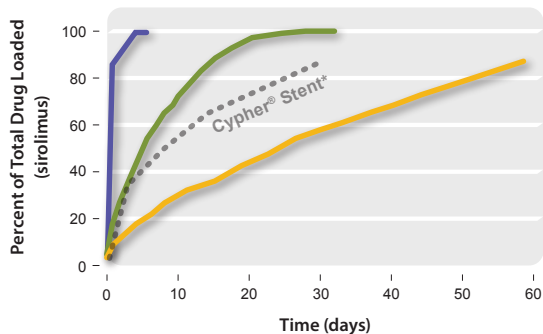
Durable Drug Delivery Coatings

SurModics Bravo™ durable drug delivery coating technology is designed for site-specific delivery of low molecular weight drugs and for stability in the body. Clinical success has been demonstrated in several pre-clinical and clinical studies.

Drug Release Rates from Intravitreal Implants



Drug Release Rates from Coronary Stents



The Cypher® Stent is affiliated with Cordis Corporation, a Johnson & Johnson company.

*Cypher data attribution: M. Leon, Cardiology Fellows Course, April 2008

Flexible Polymer Matrix: *Bravo* durable matrices are a proprietary blend of poly-butyl methacrylate (PBMA) and polyethylene vinyl acetate (PEVA) polymers. By varying the ratios of the constituent polymers in the coating, drug delivery rates and mechanical properties are controlled.

Tunable Elution Rates: Whether your device requires a quick release of a therapeutic agent from two days to two weeks or a rate of one month to two years, the *Bravo* durable drug delivery polymer matrix offers tunable elution rates that accommodate a variety of elution profiles.

Mechanically Stable: The *Bravo* matrix is durable and flexible on multiple materials and device designs. *Bravo* coatings can be used on a wide range of metals (e.g., stainless steel, nitinol, titanium, cobalt chromium) and polymers (e.g., silicone, nylon, high-density polyethylene and polypropylene).

Proven Performance: *Bravo* durable drug delivery coatings have been successfully demonstrated in the marketplace and are compatible with the industry's most advanced coating processes. As the coating used on the first-to-market drug-eluting coronary stent, it has been successfully implanted in millions of patients and offers the largest clinical data set on a drug-eluting stent.

Compatible With a Variety of Drug Classes: SurModics has the expertise to formulate a drug delivery coating for your proprietary drug or other drug classes based on its physical and chemical properties—drug classes such as: anti-proliferative, anti-inflammatory and anti-microbial.

Clinically Proven Sustained Drug Delivery

When selecting a coating technology for your medical device, consider these key questions:

Do you need a tunable elution rate and can your technology accommodate this need?

Can the coating process be automated with tight tolerances for higher yields?

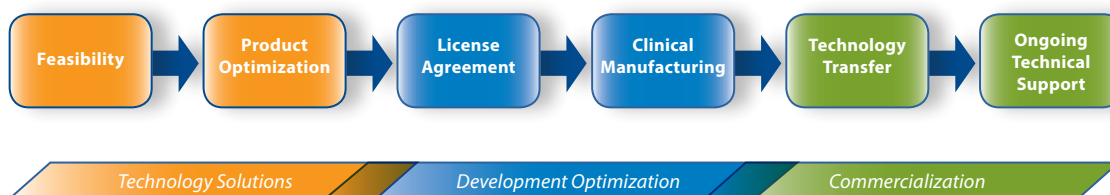
Has the coating matrix been used clinically?

After coating application, is the coating uniform?

Do you need multiple surface modification solutions (lubricious, hemocompatible, drug delivery)?



Collaborative Partnership Model



Working with SurModics

SurModics has a proven record of bringing products from concept to successful commercialization for large corporations and small emerging companies. Our customer partnership process is designed to identify an optimal technology solution and reduce time-to-market for your product. At SurModics, we regard customers as partners and strive to add to their success. For more information on how SurModics coating technologies can enhance your product, please contact us at 952-500-7000 or visit www.surmodics.com.

All properties listed are typical characteristics and are not specifications. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of SurModics, Inc.

Bravo is a trademark of SurModics, Inc.



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