



Think Innovation. Think Aesculap.

Preface

In constant dialogue with practitioners and clinical partners, Aesculap designs and creates instruments for all surgical disciplines – frequently setting the trend. A team of 200 people around the world is employed in research and development into new, economically viable solutions to provide the best patient care.

The essential focus is not on what is possible technologically, but on what makes sense medically. Sensible developments for us mean instruments that function in such a way that they decisively and positively influence the course of a surgical operation, whilst not losing sight of economic considerations. For example:



BipoJet Bipolar Dissecting Scissors for Open Surgery

BipoJet makes it possible to dissect, cut and coagulate in one step. For the surgeon, using BipoJet means that he or she can work more quickly, safely and efficiently. Innovative manufacturing technologies, such as the solid ceramic insert in the scissor blade and the PEEK synthetic coating ensure long life and safe electrical operation. For the hospital, efficiency, safety and long life represent an important economic advantage.



Münster Retraction System

The Münster Retraction System, now a byword for versatility, flexibility and stability in abdominal surgery, has been further developed to include a new open frame that can be quickly and easily adjusted into any position in three planes thanks to an innovative joint technology. This gives the user more freedom of action and further enhances the system's capacity to adapt to the individual operating situation.



Micro Instruments For Cardiovascular Surgery

Manufactured through latest production technologies, from selected materials, for outstanding functionality. The jaw working surfaces of needle holders and forceps are finished with Aesculap DIADUST diamond dust coating. The result: a hard and hard-wearing working surface. DIADUST coating ensures a reliable grip on fine needles and soft tissue.

Joint Development of BipoJet, a Practical Example



Prof. Dr. med. Gottfried Müller is the Medical Superintendent of the Surgery Clinic in the Bad Mergentheim Charity Hospital, and has played a decisive role in the development of Aesculap surgical instruments for over 20 years.

Aesculap cooperates closely with users in the development of new surgical instruments and the further development of existing products. This enables us to create high quality products that set new standards and satisfy the surgeons' wishes and requirements down to the last detail. Valuable synergies and outstanding projects flow from this collaboration between Aesculap specialists and experienced users, resulting time and again in trendsetting innovations in surgical instruments.

Aesculap development projects are conducted within a tightly designed project management system to ensure transparency and efficiency.

More than 20 years of successful and enjoyable cooperation with Aesculap on a large number of project ideas means for me friendly and confident listening, discussions based on a thorough knowledge of the subject, accurate project research and programming in categories such as "innovation, feasibility, market expectation, function, ergonomics, material, quality, production, research, testing, functionality, safety, reliability, clinical controls, practicability, cost effectiveness, system suitability and market acceptability". All these headings lie behind projects that were and are interesting for me.

But Aesculap also means for me personal association with interesting people who bring their experience and strength

into many different contacts: engineers, technicians, secretaries, business managers, doctors and developers, many creative men and women from all professions.

For me, knowing Aesculap means having an insight into a large and serious entity whose task is to provide products for medicine – things that are directly to do with us as surgeons. Against this background, Aesculap is a name that every surgeon knows. Behind the name I see people at desks and workbenches putting all their commitment into cooperative projects; projects that will help to define my future in medicine.

The latest example of this is the joint development of BipoJet.

Dr. med. Albert Linder is Chief Consultant in the Thoracic Surgery Department in the Hemer Lung Clinic, and is convinced of the value of input from daily practice into the development of products to benefit daily practice. For more than 10 years, Dr. Linder has been working closely with Aesculap as a clinical adviser.

"The development of the BipoJet scissor is an outstanding example of how users' ideas originating from their daily practice in the operating theatre can become a high tech product ready for the market in a very short time. With Aesculap, this is done in excellent cooperation between the surgeon and the development team, and always on site, either in the operating theatre or in the workshop."



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