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# spirit of excellence



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Managing Director

*"**spirit of excellence**" is our keynote focus – it guides us in our routine work every day. We dedicate our full commitment to making this "spirit" a reality in the development phase and the manufacture of a new product. We also pursue our cooperation with physicians, surgeons and users in this spirit through our global sales and service activities. The focus is on the requirements of our customers and on "excellence" in implementation by the people in our workforce. Join forces with us to discover the "spirit of excellence". **We wish you a warm welcome at Richard Wolf.***





# Welcome

The home of progress

Headquarters in Germany



**Every medical development needs courageous and creative minds which assist in achieving success.** As a pioneer in endoscopy, Richard Wolf is one of those forces that define progress. Our passion for optimum performance in medical technology is based on the heritage of our company. The vision of perfect visualization and minimally invasive interventions with outstanding outcomes for patients is transformed into reality through a carefully fostered culture of dialog with doctors and scientists throughout the world.

Our objective is to identify medical trends in the initial stages and to work together and achieve perfect solutions. Unique and highly functional products are created to meet the very highest standards in medicine by giving all our employees working in the company the scope to develop their strengths and full potential. Richard Wolf always offers added value. We are consistently one step ahead of the crowd. The inspiration and motivation to go the extra mile defines the philosophy of Richard Wolf today. Pursuing this route is our destiny because there is still a great deal of work to do as we seek to honor our commitment to create a healthier world.



## Focus on people

Visualization with vision



**We have the freedom to think outside the box.** Our inspiration is frequently a concept or an idea generated by practical needs and coordinated in an interdisciplinary approach.

Innovative solutions for human medicine are the result. Richard Wolf has a track record of experience spanning more than 100 years. The company played a leading role in the development of endoscopy and shock wave therapy. This integration of science with medicine defines the quest for first-class products and system solutions. **Based on the principle of "everything from a single source", Richard Wolf creates certainty for the future and opens up new routes for multidisciplinary developments across different specialist areas.**



# Surgery

The future in your hands



**Everything under control.** Experts at Richard Wolf, physicians, surgeons and scientists from all over the world cooperate closely together on moving forward in endoscopic surgery. Partnerships at a high level of specialization provide us with the platform for developing smart diagnostic and therapeutic systems. We work together with a single objective: providing surgeons with a future-proof spectrum of outstanding products to perform minimally invasive general, abdominal and thoracic surgery.

In-depth understanding of surgical and clinical workflows has led to the development of innovative single-port systems and high-quality, ergonomic forceps series.

Products from Richard Wolf are changing the face of surgery. **Benefit from these advantages and take the future in your hands.**



# Gynecology

Life needs certainty

**Tried and tested.** Products and system solutions for gynecology at Richard Wolf have always followed the principles of simplicity and safety. This approach has frequently enabled classic endoscopic procedures to be placed on a new technological platform. We generate visions as the nucleus for innovations from an ongoing exchange of ideas and communication with leading gynecologists. The resulting products have minimized the potential risks of interventions and reduced the trauma caused to patients. The miniaturization of instruments was an important milestone on this roadmap.



New benchmarks for patient safety and user-centricity also characterize the world's first resectoscope with automatic chip suction. The surgeon retains an overview and keeps firm control of operating times. This is one of many premium instruments and **yet another reason for the trust your patients place in you.**



# Urology

Because experience is a key factor



**Experience on all sides.** At Richard Wolf, we listen very carefully when urologists tell us about their experiences with our system solutions and instruments. This is an integral part of the philosophy of our company and it is a key feature in the profile of our employees. They help to create first-class products for all urological applications. The spectrum ranges from rigid and flexible instruments to complex systems for intracorporeal and extracorporeal lithotripsy.

Innovations are created at the interface between experience, knowledge, and inspiration. Richard Wolf also used this integrated approach to develop the world's first flexible two-channel laser ureterorenoscope and an effective laser enucleation system. We define new standards for proven technologies in the area of resectoscopes.

**Our experience in developing high-quality urological systems will provide you with support for specific applications.**





# Shock wave treatment

Focused on success



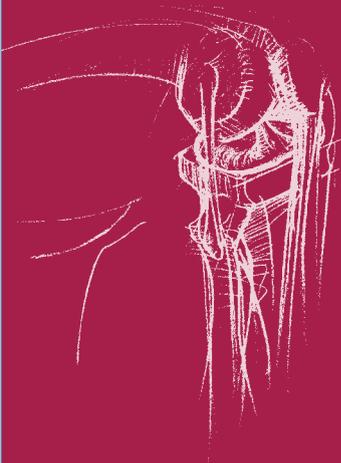
**Focus on health.** Richard Wolf has played a leading role in the development of medical uses for shock wave therapies based on piezo technology. We are dedicated to this form of shock wave generation. Practical application reveals this technology as extremely precise and very effective. Users also benefit from the exceptional cost-effectiveness of the system. Patients experience the shock wave generated using piezo technology as pain-free and non-invasive.

Urologists, orthopedic specialists and physiotherapists value this non-invasive procedure for treating stones and pain. Richard Wolf has developed the successful applications of piezo technology in shock wave treatment.

The dedicated ESWL and ESWT Team from Elvation Medical offers expert customer support and authorized service from a single source to match the importance of the technology.

Richard Wolf piezo shock wave systems combine patient-friendly technology with outstanding performance. **You define the right focus.**





**Empowering you to reach your destination faster.** An increase in the intensity of sporting activities is often accompanied by excessive physical stresses and unbalanced load distribution. These are the adverse impacts of our highly dynamic social activities. Joint disorders and injuries to the musculoskeletal system are becoming a more frequent occurrence. An increase in the number of cases being handled in hospitals and general practice is accompanied by enhanced expectations on the part of patients. They have high aspirations for fast rehabilitation and return to a mobile, everyday existence free of pain.

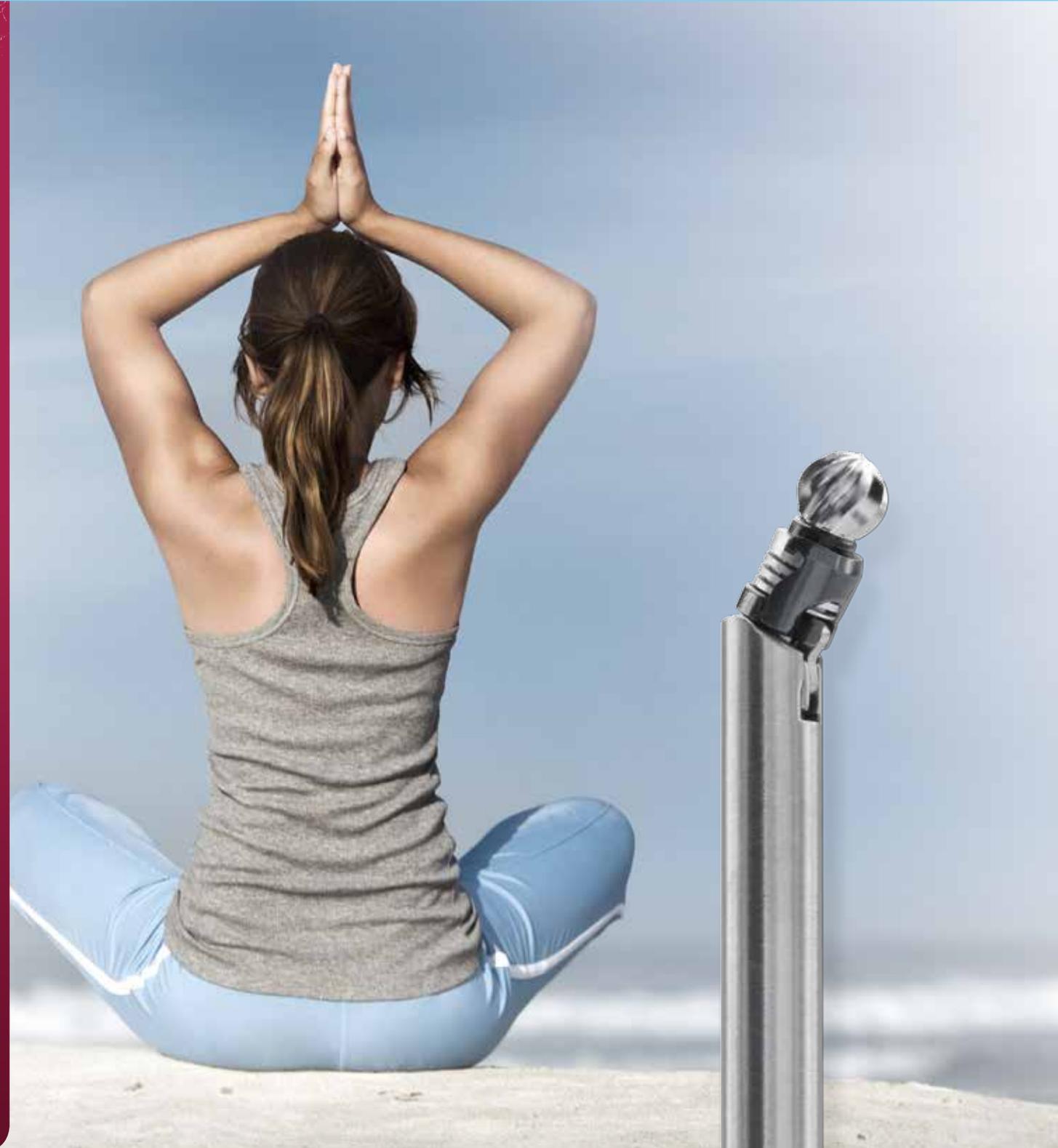
Instruments manufactured by Richard Wolf have been created to combine efficiency and therapy at the highest possible level. Always at the leading edge of developments, arthroscopic products and systems have been developed for all joints. The spectrum ranges from proven instruments for manual application, through multifunctional motorized systems, to bioactive and resorbable implants.

Richard Wolf equipment moves dynamically into the future and creates therapeutic options that consistently promote patient welfare and facilitate affordable treatment concepts. **Lead from the front and join us.**



# Spine surgery

For an upright life



**Your posture is important to us.** Ideas for new products are developed in cooperation with experts from hospitals and general practice. Continuous exchange of experience and a high level of technical expertise have enabled Richard Wolf to become the market leader in endoscopic spine surgery. Our full endoscopic instrument systems have an excellent worldwide reputation in cervical, thoracic and lumbar surgery. Development of a complete instrument set for decompression of stenosis of the lumbar spinal canal continues this success story.

A healthy spine makes a major contribution to the performance and quality of life in individuals. We believe that maintaining the integrity of the spine is therefore extremely important. **Outstanding products are created which help you to maintain the posture of your patients.**





# ENT / Bronchoscopy

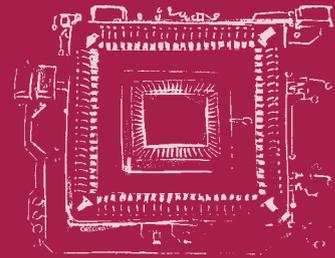
For all the senses

**Have you heard?** Advanced, minimally invasive concepts in diagnostic techniques and therapy for the respiratory tract, the sense of hearing and taste, and the voice are inseparably linked with Richard Wolf.

Richard Wolf supplies a wide range of user-specific instruments, rigid bronchoscopes and accessories for children and adults particularly in laryngoscopy and bronchoscopy.

Create your own image. The autofluorescence system from Richard Wolf delivers impressive images for bronchoscopy. **They enable you to get clear visualization and help your patients to breathe easily again.**





# Visualization

The image of essential perspectives



**Identifying details is often a matter of life and death in medicine.** A clearly defined and informative image is a fundamental requirement for certain diagnosis and therapy. The latest HD technology means that the camera systems of Richard Wolf are in a position to produce pin-sharp images of the most delicate structures.

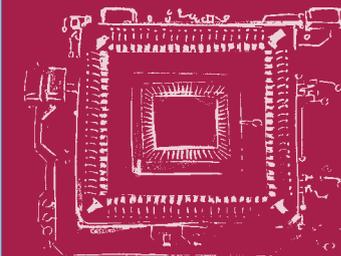
We specialize in the entire image chain as a system developer. We comply with the most stringent requirements from the endoscope to digital transmission, display, and storage of images created using endoscopic techniques. Our new camera platform is a pioneering achievement in digital imaging. The system features flexible options for application and can already be adapted to match the technology of tomorrow.

Powerful LED light sources and high-resolution chip-on-the-tip endoscopes complete the spectrum.

**This is the ideal platform for further innovations which focus on the image of essential perspectives.**



High Definition



## The digital operating room

Networked to the future

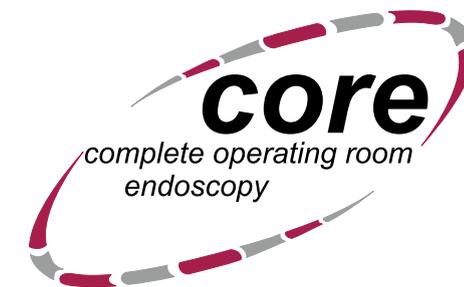


**You define the route to the future.** Increasing requirements in the healthcare sector necessitate solutions for efficient and smooth-running operations in hospital environments. The **core** system from Richard Wolf opens the gateway to the digital operating room of the future. **core** heralds an era of shorter surgical times in operating theaters, effective time and information management, complete control, enhanced patient safety and flexibility. The system links up the hospital's IT network with all the integrated medical equipment. The instruments can then be controlled centrally from any location, including the incorporation of voice commands, as well as ensuring perfect documentation.

Individual needs and instrument settings are already established and defined in the planning phase. The future-oriented concept of **core** is scalable. It permits adjustments in line with future needs through integration of additional instruments and functions.

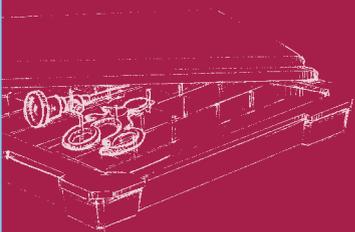
In clinical practice, the entire theater team benefits from ergonomic configuration of equipment and shortened setup and change-over times.

The modular structure of **core** gives you freedom. **Invest with us in core and focus on efficient patient care in the future.**



# Instrument reprocessing

Simply a clean future



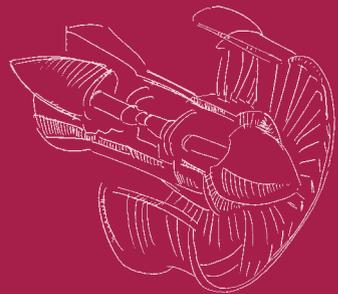
**Clean, sterile instruments are a key requirement for hygiene management inside and outside the hospital environment.** Offering you solutions for hygienic instruments is second nature at Richard Wolf. Our systems provide efficient operation and offer additional added value. Robust, secure storage of high-quality instruments, efficient handling and maximum control are all key aspects. For example, we offer systems that function without additional packing or the need to change seals. This reduces the amount of time expended and cuts costs.

Perfect reprocessing starts at Richard Wolf in the development phase for instruments. Zero-maintenance components that can be quickly dismantled are a significant advantage for perfect cleaning and sterilization.

The human factor is the critical issue. That's why personnel responsible for reprocessing have to undergo in-depth training courses. Richard Wolf provides insights into applications, maintenance, and benefits through practical demonstrations.

**This closes the circle for the people served by the technology in order to create space for the real goal – your patients.**





## Industrial endoscopy

Your success is our motivation



**Providing a clear perspective.** Endoscopy makes quality and safety inspections easier and fast. Inspections without the benefit of this technology would only be possible with resource-intensive modification or dismantling. Precise appraisal of products with cost-effective display of results is inconceivable without industrial endoscopy. It facilitates assessment of reliability for automobiles, production systems, and power stations. This technology is also a key player in maintaining the high standard of safety in aviation.

As a specialist for high-quality endoscopes, Richard Wolf has made a significant contribution to this development. Blending Scopes manufactured by Richard Wolf enable the repair of damage caused by foreign bodies in the aircraft turbines of today. The turbine does not have to be removed from the aircraft or dismantled for the work to be carried out. Patented success, that is used around the world every day.

Solutions like this move industrial endoscopy forward and generate our motivation. **The result is provided in ultracompact solutions for all those experts who require maximum image quality, efficient processing, robust design, and dependability at a competitive price in order to carry out their highly responsible functions.**



# The key to our strength

The people at Richard Wolf

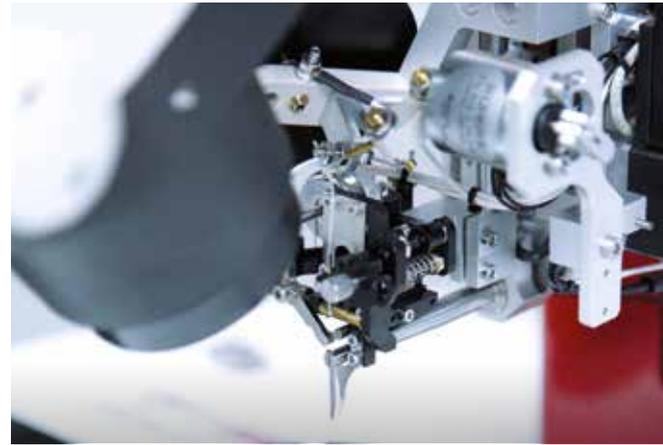
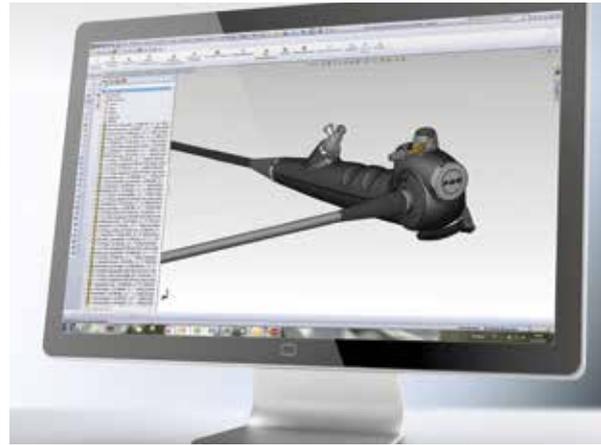


**Enthusiasm is an integral feature.** Gaining joy from your work is a key factor for success at Richard Wolf. Our employees promote the "spirit of excellence" every day with passion and know-how. They are also enthusiastic about their work.

Our customers appreciate their enthusiasm. Sales, advice and service all come with a friendly smile and helpful approach, personal commitment and expert know-how. This spirit helps you to achieve your goal faster and delivers a better result.

People are the focus of attention at Richard Wolf. Future-proof personnel development and our training concept are integral elements of our human resources policy. Training is instrumental in allowing us to forge perspectives for the future and develop a qualified workforce to ensure the ongoing success of our company. We are proud to have a workforce with many long-serving employees who have demonstrated their loyalty to Richard Wolf through exceptional commitment. Values like fairness, respect, trust, and loyalty define a working environment where quality and sustainable entrepreneurial results thrive.

Allow yourself to be inspired and join us in experiencing the thrill of carrying out a rewarding job every day. **Working to create a healthier world and a human community in the spirit of excellence.**



## Working with your head and your hands

Where ideas and crafted precision are joined up

**Our products are created and made to meet the highest aspirations every day.** Which developments are pioneering? What needs are emerging and what are the opportunities? The Department of Research and Development is one of the centerpieces of the company. This is where the future develops – our destiny is forged here and to a certain extent the future of medical technology. Our engineers and designers work hard to integrate the latest technologies within the pre-production phase and implement the results of an intensive exchange of ideas with opinion leaders.

Ideas developed in the mind are transformed into products by the hands of specialist technicians. Our production process is carried out in a high-tech facility combining optics, precision engineering, electronics and software in perfect harmony. We are dedicated to in-house production. This is the only way we can meet the defined quality standards and carry out regular checks. Precision is a key factor here in combination with the capability to supply the marketplace with sophisticated products designed down to the last detail. All the products supplied from our company have passed through a certificated system of quality control. This system ensures that you can rely absolutely on the functionality and quality of your Richard Wolf instruments.

**Made in Germany. A promise that we keep every day – with hearts, minds and hands.**



**Your decision to purchase products made by Richard Wolf means you have also opted for one of the best service packages on the market.** The quality and functionality of the products need to be perfectly harmonized in order to achieve first-class results. However, the advanced technical facilities required for ambitious results in the sphere of medicine also need to be an asset that preserves the capital expenditure invested. A strong and experienced partner is the key to this issue.

The team at Richard Wolf is dedicated to speed and dependability. Our comprehensive service package provides the solution. We do everything in our power to maintain your values at the highest level and minimize downtimes.

Operational reliability and cost optimization over the entire service life of products made by Richard Wolf is the central service function. Our professional customer service is your expert contact in this area. **Richard Wolf Service gives meaning to values and delivers a promise to you: We are there for you, whenever and wherever you need us.**



## Your values motivate us

Pioneering service

**Progress is a good investment.** Richard Wolf offers tailor-made finance packages which maintain liquidity. You then have the capability to invest in new products and improved systems. This provides you with certainty and creates flexibility that benefits your patients.



Richard Wolf Academy  
**Prima Vista**



## From insight to intervention

Where experts learn

**Person to person, specialist to specialist, doctor to doctor.** This is a good profile of the concept behind the Prima Vista Academy run by Richard Wolf. Prima Vista provides an initial and first-class insight into innovative techniques and technologies. It is also the communication platform for basic and advanced surgical techniques. Trainers and trainees come together here, as do users and innovators, specialists and generalists. Prima Vista is more than just a highly qualified training center. It is a location where concepts mature into ideas. New areas of application are created here. This concept is a success story because we bring the best of the best together: specialist leaders share their knowledge and a dedicated audience is keen to learn.

The Prima Vista Academy is located in Knittlingen but also operates on the international stage. This forms the base for organizing workshops and training sessions at many centers throughout the world. Clinical events and tutorial sessions are part of the very popular training program.

Today, Prima Vista is one of the world's leading endoscopy training centers and an established platform for knowledge transfer and creative innovation. Specialists in orthopedics, surgery, urology, and many other disciplines look forward to passing on their knowledge and in doing so gain new insights themselves.

**Prima Vista – an initial insight that is also unique. When will we have the privilege of welcoming you?**



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## We speak your language

International and always local

Richard Wolf enjoys the trust of its customers across the world. An enterprise that started life as a family business has now developed into a company with global importance and presence.

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Fourteen branches and 130 distributors allow us to look after the aspirations and needs of surgeons, physicians, patients and engineers at local level. Additional service locations take specific account of requirements in particularly strong or emerging markets. Cultures and mindsets may be very different: **but we speak a common language – the language of innovation, quality, and perfection.**