

# Take Control of the Flow

Medical Applications





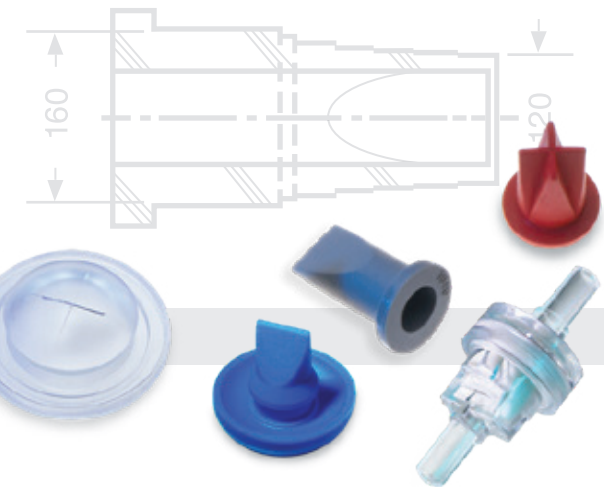
From laboratory to operating room, Vernay products meet the highest standards of quality control that the medical industry demands.



Medical device components must perform without fail and conform to rigorous regulatory mandates. You need a trusted partner who understands the specific requirements of flow control solutions for the medical industry and has expertise in a wide range of applications. Vernay has developed a diverse portfolio of products in both custom and standard designs. Choose from an existing design in our on-line catalogue or sit down with an engineer to begin conceptualizing your custom component. Whatever your application; streamline your development process by taking advantage of our flow control application knowledge. We'll get to the heart of the problem and provide the solution that best fits your needs.

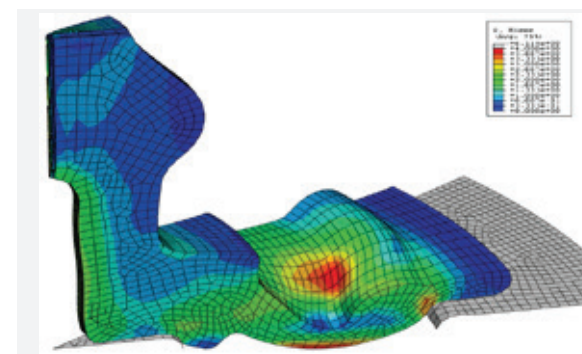


# ENGINEERED SOLUTIONS FOR CRITICAL MEDICAL APPLICATIONS



## Advanced Technologies

Creating a perfectly designed and functional component requires state-of-the-art simulation and predictive analysis tools. A deep understanding of the relationship between simulated results and actual performance is paramount. Vernay can support you in developing the optimal design and material formulation for your application. FEA, CFD, 3D Sigmasoft® and our proprietary fluid control modeling software is available to explore the characteristics of any geometry, material and process.



## Advanced Processes

From Concept to Launch, Vernay takes responsibility to design your optimal component. From the earliest design concept phase, our engineers evaluate effective processes to improve quality output and create a more reliable supply chain for you. A variety of molding techniques are available: transfer, compression, injection, flashless and LIM. Our processes include the bonding elastomer to plastic or metal, finishing operations, automated in-line testing and functional component assembly.





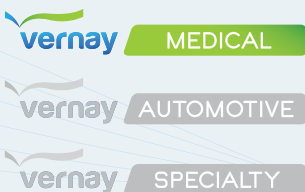
## Global Resources, Local Touch

Vernay is a global company with the ability to serve our customers on any continent. Our local approach provides regional design experts and local project coordination. When global resources are managed efficiently, the time from concept to launch of your product is minimized. Our goal is to provide you service where and when you need it.

## Quality Certifications

The Vernay quality system is based on ISO 9001 Quality System Standards, the Automotive QS-9000, the TS-16949 System Requirements, and ISO 13485. Each Vernay facility has achieved the full degree of certifications. ISO certified locations means consistent quality processes across all sites.

### Industries



### Product Categories

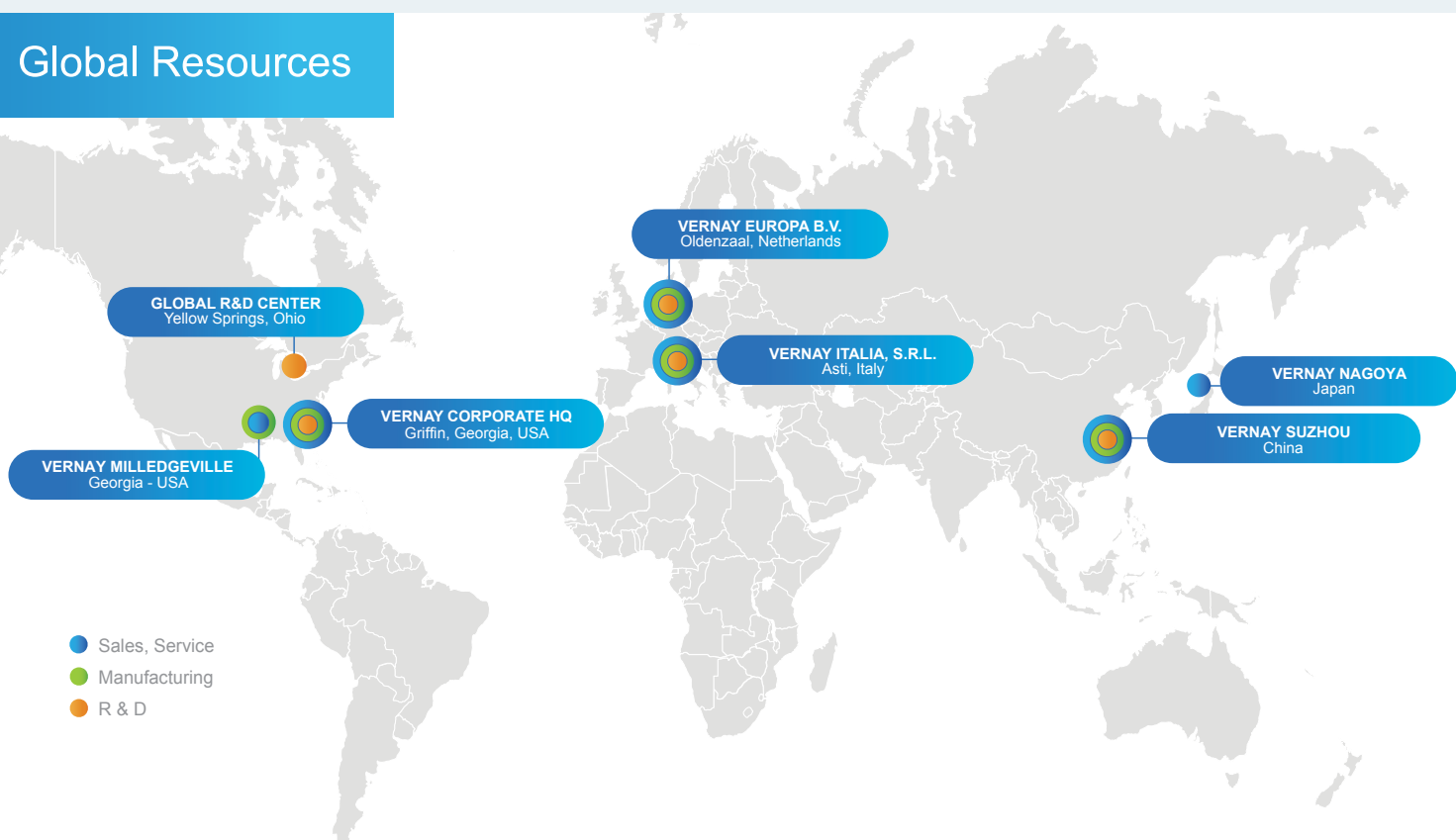
Bi-Directional Valves  
Combination Valves  
Diaphragms  
Duckbill Check Valves  
Flow Controls  
Medical Assemblies  
Molded Strip / Gaskets  
Umbrella Check Valves  
V-Balls

### Applications

Blood Handling  
Cardiovascular  
Drug Delivery  
Enteral Feeding  
Fluid Delivery  
Gastrostomy  
Hemo-Dialysis  
In Vitro Diagnostics  
IV-Therapy

Pharmaceutical  
Respiratory  
Surgery  
Tracheal  
Urology  
Veterinary  
Wound Care

## Global Resources



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