

We supply values for life

## Our core capabilities and med-tech solutions at your service:

- Precision tube expertise in metal, glass and plastic
- Cannula and lancet needle manufacturing for Pharma and Medical device sector
- Plastic injection molding
- Assembly and sterile packaging
- Robotized kit-packing
- ETO sterilization and microbiological lab services
- New product development project support
- Quality and regulatory expertise: ISO 9001, ISO 13485, ISO 14001, FDA/510k



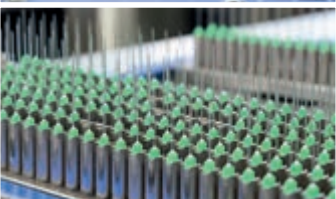
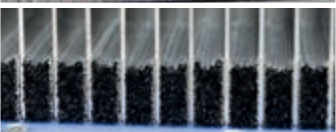
As VMG Vitrex Medical Group, we strive to be the leading European medical device & IVD manufacturing group, developing, producing and supplying high-quality healthcare products and tailor-made med-tech solutions that embody special expertise, reliability, trustworthiness and are made with respect and dedication to enhance the life of healthcare professionals and their patients worldwide.

### **CHIRANA T. Injecta, a.s.**

Nám. Dr. Alberta Schweitzera 194  
916 01 Stará Turá  
Slovakia  
Phone: +421 32 7709 901

[www.vitrexmg.com](http://www.vitrexmg.com) • [info@vitrexmg.com](mailto:info@vitrexmg.com)





### Precision tube expertise in metal, glass and plastic

- Tube drawing and welding
- Tube coating (Heparin, EDTA, etc.)
- Tube cutting, marking and finishing (fire polishing, end-closing)
- Anticoring and hole punching
- Metal wire processing (guide wires, puncturing devices)
- Laser, sand-blasting, electropolishing, cleaning and other tube processing

### Cannula/Lancet production

- 17-34G cannula processing
- 12-120mm cannula length
- Automated multibevel grinding 1-5/7 bevels
- Standard wall, TW, XTW, UTW
- Specialty cannula bending, hole punching, anticoring, brushing and other processing
- 100% quality control

### Plastic injection molding

- PP, PE, ABS, PS, POM, resin molding
- 1000-3000kN injection lines
- 8-128 cavity molds
- Prototype and high volume part molding
- Overmolding technology



### Automated assembly and packaging

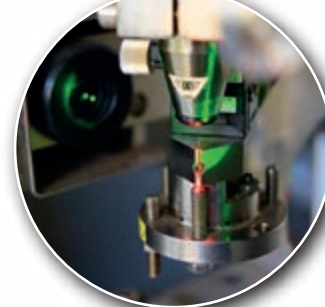
- Assembly in combination of metal, plastic, rubber part, paper seal
- From 2-part to 6 and more parts in high speed mass assembly
- Ultrasound and heat/pressure sealing, vacuum, drying/dehydration technologies
- Inline printing, packing and automated control
- Soft/hard blister, alu blister, polyback, box packing lines

### Robotized kit-packing

- Adjustable kit-packing solutions from 2 to multiple components of different shapes and sizes
- Packed and integrated with packaging and printing lines
- Automated thread crimping and automated winding technologies, with control stations for surgical suture kits

### ETO sterilization and microbiology lab

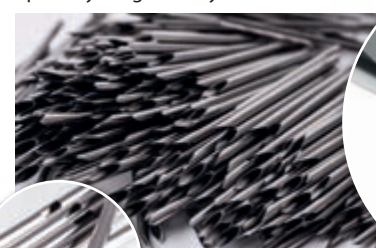
- Accredited microbiology lab for bioburden, sterility and other testing capabilities
- ETO sterilization capabilities for small products and high volume palletized products



### Quality and regulatory expertise

- ISO 9001
- ISO 13485
- ISO 14001
- FDA / 510k
- MDR Class I, II, Ila, III

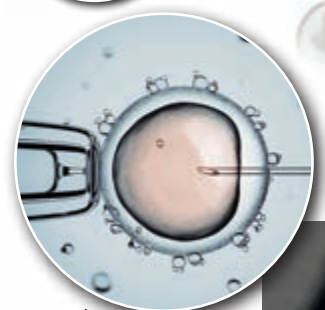
Specialty drug delivery cannulas



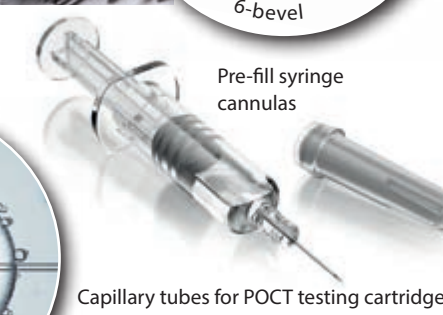
6-bevel



Pre-fill syringe cannulas



IVF tubes



Capillary tubes for POCT testing cartridges

