About us
Qatari German Company for Medical Devices QGMD was registered as a public shareholding company listed at Doha Securities Market (DSM), Doha - Qatar with a capital base of USD 16 million, founded with a great vision to innovate and produce highest quality medical devices. Located at the outskirts of Doha, capital city of State of Qatar, with own manufacturing facilities and state-of-the-art production area designed and constructed under Class 10,000 by Federal Regulation 209E Clean room and Associated Environments, ISO 14644 Class 6 not to mention completely automated equipments and machineries. The facilities designed and developed by reputed technology providers from Germany, Switzerland and Italy incorporating their advanced European technological innovations.

Our Treasure – Our Staff ...
Managed & operated by experienced and professionally qualified staff ensuring quality practices from the selection of raw materials, production process to final output supported and leveraged by Enterprise Resource Planning application which integrates seamless procurement, manufacturing, supply chain, logistics and financial functionalities. QGMD strives to achieve market leadership in healthcare industry by designing and producing superior medical devices and excellent customer satisfaction. QGMD is currently specialized in manufacturing high standard injection products such as sterile intravenous cannula, conventional single use syringes, needles and ultra modern safety syringes with brand names below:

<table>
<thead>
<tr>
<th>Product Information</th>
<th>Size / Gauges</th>
<th>BrandName</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-part standard sterile syringes with or without needles</td>
<td>(1m, 3m, 5ml, 10ml)</td>
<td>Q-JECT</td>
</tr>
<tr>
<td>2-part standard sterile syringes with or without needles</td>
<td>(3ml, 5ml, 10ml)</td>
<td>Q-JECT</td>
</tr>
<tr>
<td>3-part safety sterile syringes with needles</td>
<td>(3ml, 5ml, 10ml)</td>
<td>Q-SAFE</td>
</tr>
<tr>
<td>2-part safety sterile syringes with needles</td>
<td>(3ml, 5ml, 10ml)</td>
<td>Q-SAFE</td>
</tr>
<tr>
<td>Sterile I. V. cannula for single use with port</td>
<td>(16G, 18G, 20G, 22G, 24G)</td>
<td>Q-FLOW</td>
</tr>
<tr>
<td>Sterile blister packed single use hypodermic needles</td>
<td>all gauges available</td>
<td>Q-NEED</td>
</tr>
</tbody>
</table>
Threshold of Safety Syringes
Since QGMD has patented design and developed safety syringes, the auto destructive auto disable syringes (ADAD), there is an overwhelming response in the health care sector around the world. This supports and encourages our continuous proactive efforts on our complete product range to become fruitful and positively affecting public health.
We believe that safety syringes will replace the present single use syringes as the reusable syringes were obsolete now, it's not a mere prophecy but just reality. We like to develop and design products with cutting edge technology enabling our safety syringe to be the best possible solution for advancing our health care conscious.

Aims to be the leader and continuous innovator ...  
It’s not a dream but our passion for continuous improvement and aiming end user’s satisfaction puts us in a superior position.  
(QGMD) turns into largest manufacturer and global exporter in the Middle East in a short span of time. Our plant has been setup with most modern European automatic machines in compliance with ISO-Class 6 Clean Room Standards. Syringes, needles and IV cannula are manufactured in meeting WHO requirements and accordance with European & American Pharmacopoeia and related ISO standards. Production of syringes, needles and IV cannula are done under fully automated machines with online inspection Modules in addition to quality supervision by experienced and trained technicians and engineers. Ensuring nothing left for chance, (QGMD) set up a state-of-the-art lab facility in production area for continuous machine & human inspection support. Also we provide high standard lab facility for physio-chemical, micro biological and biological analysis of our products. The final products are again being inspected ahead of prevailing ISO, American and European standards.

Target Markets and Customers ...
Our customers spread around all continents. We deliver our products to European countries, Russia, Ukraine, Greece, Mexico, Palestine, South Africa, Turkey, Sudan, Iran, KSA, UAE and other GCC countries.
Operations Flow Chart

CONTINUOUS IMPROVEMENT TO THE QMS
- IMPROVEMENT PROCESS
- CORRECTIVE ACTION
- PREVENTIVE ACTION
- MEASUREMENT & MONITORING
- INTERNAL QUALITY AUDIT
- CUSTOMER SATISFACTION PROCESS
- OBJECTIVES
- MANAGEMENT REVIEW

RESULT

RESOURCE MANAGEMENT
- RESOURCES
- NON-CONFORMING PRODUCT
- STORAGE
- PURCHASE
- INJECTION
- PRINTING
- ASSEMBLY
- PACKAGING
- STERILIZER
- CALIBRATION, VALIDATION, MAINTENANCE & STAFF TRAINING
- PRODUCTION AND PROCESS CONTROL
- EVALUATION & TESTING
- PRODUCT
- Final Inspection
- Delivery
- ONLINE & RANDOM INSPECTION

Customer Requirement
- REQUIREMENT
- CONTRACT REVIEW
- No
- REGRET / TERMINATE
- PRODUCTION PLANNING
- PURCHASE
- TERMINATE PROCESS

Customer Satisfaction
- RESULT
- FEEDBACK
Our strengths

- Manufactured under best global clean rooms standards, certified as Class 10000.
- European hi tech non-touch fully automated technology ensures 100% safety and excellent manufacturing environment.
- Automatic online inspection devices inbuilt on machines ensuring accuracy and quality of complete products and additionally, random inspection methodology done by qualified & trained quality inspectors.
- GMP Compliant in all stages and SOP Controlled production.
- Test labs on sites for physio-chemical, microbiological & biological analysis of products.
- ETO Sterilization and validation services available.
- High standard extensive tooling library.
- Advanced information technology solutions integrates seamless procurement, logistics, supply chain and financial administration.
- Maintain stringent quality practices in every aspect, from the selection of raw materials to end product and assures complete satisfaction to our valued customer.
Single use syringes

Individually blister packed 🍷-JECT and 🍷-SAFE syringes with or without needles have similar features.

**Barrels**
made of nontoxic, medical grade polypropylene compatible with any medication.

**Plungers**
made of nontoxic, medical grade polypropylene for 3-part syringes & Polyethylene for 2-part syringes compatible with any medication.

**Gaskets**
made of Latex free elastomer rubber, which avoids:
  a) Risk of elemental exchange between the gasket and medication.
  b) Chemical/ionic reaction between drug and gasket.

**Luer Nozzle**
Nozzle is 6% luer taper as per ISO: 594 standards.
Luer slip for 1ml. Luer lock for 3ml, 5ml and 10ml syringe.

**Packing**
🌷-JECT and 🍷-SAFE single use syringes individually blister packed with high strength plastic medical film and superior quality medical grade paper guarantees higher puncture and water resistance, enabling extended shelf life even under adverse warehousing conditions.
Q-JECT

Single use syringes available with 2-Part & 3-Part Syringes

Features:

- Excellent quality syringes with needles best available in the world.
- Guaranteed lowest needle penetration force tested on skin simulated film to maintain painless needle penetration providing better clinical results.
- Inovated design ensures better plunger retention due to excellent end lock.
- High clarity Barrel with perfect readable printed scale.
- Manufactured as per ISO – 7886 & European standards.
- Design offers a clear view of any aspirated fluid.

Q-JECT specification & packaging (for 2-part and 3-part syringes)

<table>
<thead>
<tr>
<th>Item</th>
<th>Needle Size</th>
<th>Nozzle Type</th>
<th>Packing</th>
<th>Container Load</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Inner</td>
<td>Outer</td>
</tr>
<tr>
<td>1ml</td>
<td>With all sizes of needles</td>
<td>Luer slip</td>
<td>100pcs.</td>
<td>4400pcs</td>
</tr>
<tr>
<td>3ml</td>
<td>With all sizes of needles</td>
<td>Luer lock</td>
<td>100pcs.</td>
<td>3600pcs</td>
</tr>
<tr>
<td>5ml</td>
<td>With all sizes of needles</td>
<td>Luer lock</td>
<td>100pcs.</td>
<td>2400pcs</td>
</tr>
<tr>
<td>10ml</td>
<td>With all sizes of needles</td>
<td>Luer lock</td>
<td>100pcs.</td>
<td>1800pcs</td>
</tr>
</tbody>
</table>
Safety Retractable Syringes (available in 2-part and 3-part syringes)

Features:

• Auto destructive auto disable (ADAD) syringes.
• Excellent quality syringes with needles best available in the world.
• Guaranteed lowest needle penetration force tested on skin simulated film to maintain painless needle penetration providing better clinical results.
• Retractable Needle, protects patients and medical staff from injuries, therefore contributes to minimize blood pathogens resulting in better health care society.
• Auto destruct, to prevent complete re usability.
• Offers a clear view of any aspirated fluid.

<table>
<thead>
<tr>
<th>Item</th>
<th>Needle Size</th>
<th>Nozzle Type</th>
<th>Packing</th>
<th>Container Load</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Inner</td>
<td>Outer</td>
</tr>
<tr>
<td>1ml</td>
<td>With all sizes of needles</td>
<td>Luer slip</td>
<td>100pcs.</td>
<td>4400pcs</td>
</tr>
<tr>
<td>3ml</td>
<td>With all sizes of needles</td>
<td>Luer lock</td>
<td>100pcs.</td>
<td>3600pcs</td>
</tr>
<tr>
<td>5ml</td>
<td>With all sizes of needles</td>
<td>Luer lock</td>
<td>100pcs.</td>
<td>2400pcs</td>
</tr>
<tr>
<td>10ml</td>
<td>With all sizes of needles</td>
<td>Luer lock</td>
<td>100pcs.</td>
<td>1800pcs</td>
</tr>
</tbody>
</table>
## Intravenous Cannula (IVC)

**A range of Q-FLOW intravenous Cannula designed to meet effective specific application of catheterization.**

<table>
<thead>
<tr>
<th>Components</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wings</strong></td>
<td>made of nontoxic, medical grade polypropylene compatible with any medication. Injection port and receiving end of the wing have a 6% luer taper as per ISO: 594. Incorporates a flash-back chamber in the hub, blood stopper and luer lock cap.</td>
</tr>
<tr>
<td><strong>Needle</strong></td>
<td>made from cold rolled stainless steel strip. The tip of the needle has a short bevel back cut point for easy catheterization and minimal pain and risk of perforation.</td>
</tr>
<tr>
<td><strong>Tubing</strong></td>
<td>made of medical grade either FEP or PUR in transparent or opaque white strips according to customer requirements.</td>
</tr>
<tr>
<td><strong>Silicon Valve</strong></td>
<td>used in IVC with injection port to facilitate low-pressure injection of extra medication and to prevent its back flow.</td>
</tr>
<tr>
<td><strong>Safe Blood Stopper</strong></td>
<td>designed to ventilate air allowing blood to reach wing chamber without the need to remove blood stopper, which protects blood from contamination.</td>
</tr>
<tr>
<td><strong>Packing</strong></td>
<td>Q-FLOW single use IVC individually blister packed in a high strength plastic medical film and superior quality medical grade paper guarantees higher puncture and water resistance, enabling extended shelf life even under adverse conditions.</td>
</tr>
</tbody>
</table>
Q-Flow Intravenous Cannula (IVC)

Features:

- Sterile single use IV Cannula (IVC) with or without port with wings.
- Provided with lower pressure injection valve to facilitate extra medication and to prevent its back flow.
- Minimal initial irritation and risk of phlebitis.
- Medicine can be injected by a syringe and without a needle in order to reduce chances of infection and drastically prevent needle stick injuries. Cost of needle also can be saved.
- The valve is protected with easy to open injection port cap.
- Colored injection port cap for easier size identification.
- It offers safe and convenient method of traumatic administration of medicines.
- Angled & grooved wings offer easy fixation and prevent shifting & rolling of cannula in the patient’s body.
- Lower complications and minimizing risk of thrombus generation while reducing medication costs.
- Disposable, non- pyrogenic and non toxic
- Offers a clear view of any aspirated fluid.
<table>
<thead>
<tr>
<th>Gauge</th>
<th>Tubing material</th>
<th>Injection Port</th>
<th>Catheter External Dimension Dia X Length (mm)</th>
<th>Water flow rate as per BS4843 ml/min.</th>
<th>Packing</th>
<th>Container Load</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>20' (pcs)</td>
</tr>
<tr>
<td>24G</td>
<td>PUR or FEP</td>
<td>With or Without Injection Port</td>
<td>0.73 x 19</td>
<td>14</td>
<td>100</td>
<td>2600</td>
</tr>
<tr>
<td>22G</td>
<td>PUR or FEP</td>
<td>With or Without Injection Port</td>
<td>0.89 x 25</td>
<td>41</td>
<td>100</td>
<td>2600</td>
</tr>
<tr>
<td>20G</td>
<td>PUR or FEP</td>
<td>With or WithoutInjection Port</td>
<td>1.10 x 32</td>
<td>69</td>
<td>100</td>
<td>2600</td>
</tr>
<tr>
<td>18G</td>
<td>PUR or FEP</td>
<td>With or Without Injection Port</td>
<td>1.30 x 38</td>
<td>106</td>
<td>100</td>
<td>2600</td>
</tr>
<tr>
<td>16G</td>
<td>PUR or FEP</td>
<td>With or Without Injection Port</td>
<td>1.75 x 45</td>
<td>191</td>
<td>100</td>
<td>2600</td>
</tr>
</tbody>
</table>
Disposable Hypodermic Needle

Individually blister packed Q-NEED sterile single use needles available on all sizes made of stainless steel

- Diamond sharp stainless steel tip, evenly beveled for smoothness, helps accurate reach of hard to find veins.
- Smoother insertion diameter prevents hematrauma.
- Slim smooth surface, facilitates easy penetration and prevents patient’s trauma.
- Available in sterile blister and bulk pack