

About QG Medical Devices

Qatari German (QG) Medical Devices is a leading provider and manufacturer of high quality, innovative medical devices, head quartered out of Doha, Qatar.

Patients are our priority and long prosperous health is our objective.

Through our innovation in every aspect of product development and disposal, our responsibility for the wellbeing of healthcare personnel and our commitment to raising the quality of patient care.

We are determined to contribute back to our communities by raising awareness about healthcare safety wherever we are in the world.

QG has proved to be a credible contender in the medical devices industry when progressive healthcare markets of uncompromising standards, such as Europe, started to rely on QG patient-centric products for superior quality. For the same reasons, QG Medical Devices is realizing rapid growth of market share worldwide.

QG Medical Devices Advantage:

QG understands the evolving market needs and is committed to always offering added value to all buyers, users and consumers of QG Medical Devices. Through continued **investment in innovation and quality standards**, QG only delivers products that are the **best for patients and best for healthcare providers and personnel**, with vital consideration of the environment.

QG does not compromise on employing **best practice processes** ensuring all regulatory requirements are met and therefore achieving **worldwide reach** and becoming available to you wherever you are. Additionally, by means of providing **promotional tools and commercial facilitation**, QG supports distributors and strategic partners for long term prosperous relationships.

Next Step

Speak with one of our sales consultants to learn more about the multitude of benefits that our innovative and patent products can offer you and your patients. Please call +974 4458 1201 or visit our website www.qgmd.com

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ISO 13485, ISO 9001 & CE 1639



Q NEED[®]
Hypodermic Needles



Patient Care Centre of Innovation

Q Need® Introduction

Q Need® is a high quality hypodermic needle with top specifications and raw materials to ensure the highest levels of safety and efficiency of use for medical staff, minimal discomfort for patients.

QG Medical Devices has developed this product with patient care and comfort as the priority.

Uniqueness in Design

The Q Need® product design is in accordance with the ISO 6009 which is the coloured transparent standard hub allowing easy view of fluid flow and identification of its gauge.

The state of the art machinery and UV treatment gluing system at QG Medical Devices produces perfect orientation and bonding of Q Need®.

QG's core values are aligned with The One & Only* awareness campaign which promotes adherence to safe injection practices to prevent disease transmission from the misuse of needles, syringes, and medication vials in outpatient settings through:

1 needle + 1 syringe + 1 time only = 0 Infections

*Campaign launched by Centers for Disease Control & Prevention (CDC)

World Class Quality

Q Need® has been manufactured in compliance with ISO 7864 and ISO 9626, and it features the ultra sharp stainless steel through its optimized automated tipping technology for minimal penetration force.

This highly contributes to preventing tissue injury, and more commonly patient discomfort. Additionally, the QG 100% automated online inspection using cameras and sensors ensures total product quality.

Bio Compatibility

Q Need® is made with environmentally friendly medical grade polypropylene which is non-toxic, pyrogen free, and compatible with any medication.*

*Except with Para-aldehyde

**Latex Free
Pyrogen Free
Non-Toxic**

Q Need® Benefits

To Healthcare provider / staff:

- Minimal penetration force required
- Cost efficient

To Patient:

- Minimal discomfort
- Unique design ensuring minimal tissue injury
- Medical grade material compatible with all medication*
- Latex free and pyrogen free

*Except with Para-aldehyde

To the Environment:

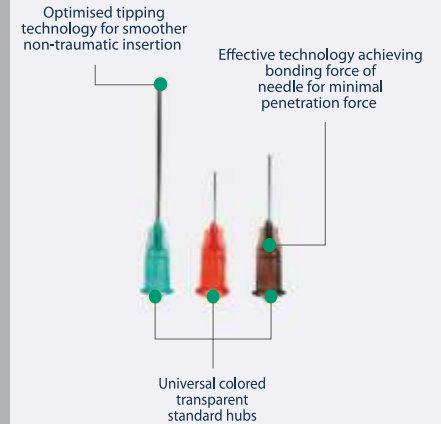
- Made of non toxic materials

Product Specification:

The technical specifications of our Q Need® range of products are detailed below for thin walled needles.

NEEDLE	NOMINAL O.D. <i>Outer Dimension</i>		NOMINAL I.D. <i>Inner Dimension</i>		PACKAGING <i>(Qty in Pieces)</i>		LENGTH OF GAUGES <i>(in inches)</i>						
	Gauge	mm	inches	mm	inches	Inner Box	Outer Box	3/8"	5/8"	1/2"	1"	1¼"	1½"
18	1.27	0.051	0.86	0.034	100	5000						☑	☑
19	1.067	0.043	0.686	0.027	100	5000					☑	☑	☑
20	0.902	0.0355	0.584	0.023	100	5000					☑	☑	☑
21	0.813	0.032	0.495	0.0195	100	5000					☑	☑	☑
22	0.711	0.028	0.394	0.0155	100	5000					☑	☑	☑
23	0.635	0.025	0.318	0.0125	100	5000					☑	☑	☑
24	0.559	0.022	0.292	0.0115	100	5000			☑	☑	☑		
25	0.508	0.02	0.241	0.0095	100	5000			☑	☑	☑		
26	0.457	0.018	0.241	0.0095	100	5000			☑	☑	☑		
27	0.406	0.016	0.191	0.0075	100	5000			☑	☑	☑		
28	0.356	0.014	0.165	0.0065	100	5000			☑	☑	☑		
29	0.33	0.13	0.165	0.0065	100	5000			☑	☑	☑		
30	0.305	0.012	0.14	0.0055	1 00	5000	☑			☑			
31	0.245	0.01	0.114	0.0045	1 00	5000				☑			

Q Need® Hypodermic Needles are
Manufactured as per ISO-7864 and ISO-9626



All needle assembly is fully automated
100% online inspection and human interface