



The **high security** connection



Value Life

# The 6 key points for safe connections in oncology

- 1 Screwless connection**
  - To eliminate over or under-tightening, misthreading
  - To reduce repetitive strain injuries

- 2 Connectable to standard Luer devices**
  - To connect standard Luer slip / Luer lock devices (i.e. : syringes, extension lines, ...)

- 3 Direct fluid pathway**
  - To make aspiration and injection easier
  - To allow effective flushing

- 4 Material resistant to aggressive solvents**
  - To avoid cracking of medical devices

- 5 Barrier against toxic drugs and bacteria**
  - To protect users from chemical contamination and the drugs from bacteriological contamination

- 6 Easy disinfection of both ♀ and ♂ hubs**
  - To be able to disconnect and connect again devices if needed



# Qimono solution

1 Luer Bayonet



2 Qimo ♀ universal connection compatible to standard Luer



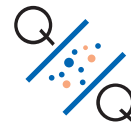
3 Straight tube in both Qimo ♀ and ♂



4 Luer Bayonet & Resistant raw material



5 Valves automatically close on disconnection



6 Flat membranes of both ♀ and ♂ connectors





## References

- 1 Preventing Occupational Exposures to Antineoplastic and other Hazardous Drugs in Health Care Settings, National Institute for Occupational Safety and Health (NIOSH), September 2004
- 2 ISOPP Standards of Practice: safe handling of cytotoxics - Section 7 Medical devices, International Society of Oncology Pharmacy Practitioners (ISOPP), J Oncol Pharm Pract, 2007.
- 3 Infusion Nurses Standards of Practice, Page S32, section 27, Practice Criteria A, The Infusion Nurses Society (INS), 2011.
- 4 Choosing the best design for Intravenous needleless connectors to prevent bloodstream infections, William R. Jarvis, MD, Infection Control Today, 28th July 2010.
- 5 Combattre les TMS par l'ergonomie, Florence Martinache, Industrie Pharma magazine. 1st May 2012.
- 6 Troubles Musculo-squelettiques : analyse critique des équipements hospitaliers, I. Juret, V. Josselin, S. Moisan, Chinon (CHU Angers, France), Section 3.2, p.45.
- 7 Efficacy of the Valve Systems of Needle-Free Closed Connectors, report 67-08-A, The Health Protection Agency UK, 21 May 2009.
- 8 An evaluation of Bionector Microbial Integrity, report 65-07, The Health Protection Agency UK, 28th November 2007.
- 9 Validation of the Manual Disinfection Procedure after multiple handling, NAMSA, report 178835, 28th February 2014.
- 10 Chemical resistant connection - WP3 QIMO, Vygon SA, December 2015.
- 11 Qimo ♀ Luer compatibility - WP2 QIMO, Vygon SA, December 2015.
- 12 Qimono closed system - WP5 QIMO, Vygon SA, November 2018

## INTRAVASCULAR THERAPIES

**For further information, please contact: [questions@vygon.com](mailto:questions@vygon.com)**

The specifications shown in this leaflet are for information only and are not, under any circumstances, of a contractual nature.

---

Vygon – 5, rue Adeline • 95440 ECOUEN • FRANCE  
Reception: +33 (0)1.39.92.63.63 – Service clients France: +33 (0)1.39.92.63.81  
Export customer service: +33 (0)1.39.92.64.15  
Fax.: +33 (0)1.39.92.64.44 • [www.vygon.com](http://www.vygon.com)



[www.vygon.com](http://www.vygon.com)