Is the virtual reality software designed for medical use?

Virtual reality software that is not designed for medical use can be ineffective, dangerous and give patients adverse effects.

Your virtual reality software should be:

- Age-appropriate
- Reliable, tested to medical software standards; and
- Have clinical trial evidence that it is safe and effective

Smileyscope VR software is age appropriate, specifically designed for use during medical procedures and is clinically proven to reduce patient pain, anxiety and the need for restraints

Is the hardware designed for medical use?

Most VR headsets are an infection control risk with fabric, elastic and gaps that trap debris.

You should ensure that your headset:

- Does not transmit infections between users
- Is made of safe, healthcare-certified biocompatible materials
- Is the right size: consumer-grade headsets are often too large for children

Smileyscope hardware is specifically designed for clinical settings and is fully infection control compatible

Is the virtual reality headset meet safety and privacy requirements?

Consumer-based technology usually do not meet legislated healthcare requirements for medical use, information security and protecting the privacy of patients and healthcare workers.

Can you ensure that your headset:

- Has disabled all cameras and microphones
- Does not collect personal and identifiable data

Smileyscope is regulatory compliant and meets all safety and privacy requirements

Comparing Smileyscope to other VR headsets and platforms

		smileyscope	Other VR headsets[1]
Therapeutic benefit	Reduces patient pain, anxiety and need for restraints	✓	?
	Over 20 best practice therapeutic techniques embedded	✓	✗
	Proven to be safe and effective in clinical trials	✓	✗
	Created by physicians	✓	✗
Software	Patented technology to reframe painful sensations	✓	✗
	Age specific and developmentally appropriate content	✓	?
	Quick start-up time, <10 seconds	✓	✗
	Engineered to medical standards for healthcare use	✓	✗
Hardware	Made specifically for medical use with medical grade materials	✓	✗
	Compatible with all healthcare wipes; antibacterial coating	✓	✗
	Free of fabric, elastic, and debris traps	✓	✗
	Lightweight and compact; suitable for ages 4yrs+	✓	?
Regulatory	Compliant with medical regulation	✓	✗
	No identifiable data collected	✓	?

1 Other VR headsets include Oculus Go, Samsung Gear VR, Google Cardboard, Google Daydream, Lenovo Mirage