

# Medtronic

# Sharper.<sup>1,2,†,‡</sup> Brighter.<sup>3,§</sup> A more consistent view.<sup>4,‡,††</sup>

## TipVision™ videoscope offers innovative technology for superior visualization<sup>1,2,‡,||</sup>

Clear<sup>6,\*†</sup> vision, that's fog-free<sup>4,††,†</sup> and focus-free<sup>§§</sup> – big benefits from a small device. Let TipVision™ videoscope help you reach higher resolution and contrast<sup>3,‡†</sup> in the OR – and enjoy more freedom with less clutter.<sup>ΩΩ</sup>



### Sapphire glass at the distal tip that's:

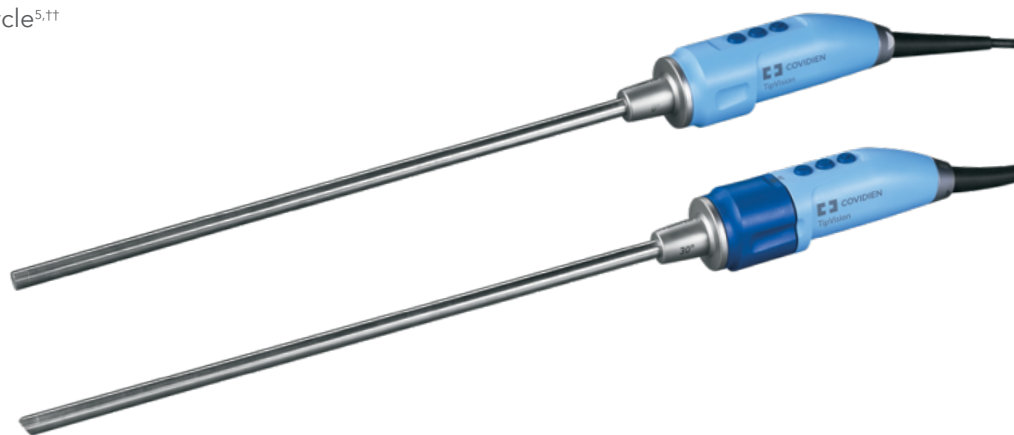
- Scratch resistant and more durable
- Protective of LED lights for consistent performance over the product's lifecycle<sup>5,††</sup>

### Integrated LED lights that offer:

- Simplified clinical workflow by removing external light source
- Consistent brightness over the product's lifecycle<sup>5,††</sup>

### Chip-on-tip technology that's:

- Focus-free<sup>§§</sup>
- Broad depth of field ranging from 20 mm – 200 mm
- Clear<sup>6,\*†</sup> fog-free image<sup>4,‡,††</sup>



Learn more by visiting our website at [medtronic.com/covidien/uk](https://medtronic.com/covidien/uk)

† Average scores with 19 surgeons on image color and sharpness were 4.6 and 4.7 out of 5, respectively.

‡ Based on preclinical or animal studies. Results may not correlate to performance in humans.

§ Maximum luminous flux of TipVision™ videoscope measured at 73.3; Olympus EndoEye™\* measured at 42.9. Test methodology based on integrating sphere and spectrometer calibrated to reference lamp in LightMtrix software.

†† Compared to traditional rod-lens designs with light fibers and an external light source.

‡‡ Based on IMATEST V4.4 test. Both devices in default setting. Olympus EndoEye™\* MTF 50 (LP/PH) vertical and horizontal center measured at 200 and 309, respectively. TipVision™ videoscope MTF 50 (LP/PH) vertical and horizontal center measured at 382 and 390, respectively. Olympus EndoEye™\* MTF 30 (LP/PH) vertical and horizontal center measured at 234 and 367, respectively. TipVision™ videoscope MTF 30 (LP/PH) vertical and horizontal center measured at 501 and 433, respectively.

§§ TipVision™ videoscope has fixed depth-of-field of 20 mm–200 mm with most optimal image between 30 mm and 60 mm.

ΩΩ TipVision™ videoscope has one cable instead of two

|| 13 of 19 surgeons surveyed agreed that the overall image quality of TipVision™ is superior to the Olympus EndoEye™\*.

\* Preclinical evaluation. 17 surgeons rated the performance of image color and sharpness rated at 80% and 91%, respectively.

1. Based on internal test report #RE00176521, EleVision™ HD 2 platform usability validation lab. February 2019.

2. Based on internal test report #RE00176522, EleVision™ HD 2 platform usability validation lab. February 2019.

3. Based on internal report #VD2143, Rev 00. Scholley. June 2019.

4. Based on internal report #RE00253641, TipVision™ videoscope preclinical performance report. March 2020.

5. Based on internal report #VD2124, Rev 00. Scholley. June 2019.

6. Based on internal test report #RE00286187, EleVision™ 4K system preclinical and benchtop evaluation. August 2020. Data on file.