

Tele-neuro-ophthalmology hardware and general set up requirements

Hardware

The basic equipment to do a telemedicine video visit include the following:

- A computer, tablet or mobile device
 - If you are using a desktop to conduct your telemedicine, make sure you have a camera, microphone and speakers.
 - If you are using a smartphone, download the appropriate applications prior to the visit.
- An integrated or external microphone
 - Most mobile devices and computers will have a built-in microphone that should work fine.
- An integrated or external camera
 - Like with microphones, many devices now already have an integrated camera.
- Headphones
 - Headphones that connect to your device for clear audio and to protect privacy

Internet Connection

Here are a few baseline requirements you need for a successful telemedicine video visit:

- Ideally, the internet speeds should be at least 15Mbps download and 5Mbps upload
 - While video streaming can happen with slower internet connections, these are the speeds needed to have the clear video experience you want.

- You can check your internet connection via speedtest.net.⁴² Simply click "Begin Test" and SpeedTest will tell you exactly what your download and upload speeds are.
- If you or your patient are having trouble with their internet connection, consider using a wired internet connection instead of Wi-Fi. Plugging straight into their router/modem with an ethernet cable will likely improve the connection.
- Patients can also use their mobile network on their smartphones, but they should be advised that streaming video uses a significant amount of data and battery power.