

Addendum 1.

**Ocular Ultrasound Scanning Protocol**

- **Annotate** images appropriately (e.g., right eye (OD), left eye (OS), transverse (TRV), longitudinal (long), measurement markers).
- Capture **at least two** high-quality video clips per scanning plane, fanning through the globe, with the eye in a **fixed position** (*static assessment*).
  - Standard Imaging Planes:
    - **Transverse plane:** Probe placed horizontally across the closed eyelid, indicator toward patient's right.
    - **Sagittal plane:** Probe placed vertically over the closed eyelid, indicator toward patient's head.
- Instruct the patient to perform *dynamic* eye movements to evaluate vitreous mobility and record as **6-second video clips**.
  - Looking **up / down** in **sagittal**.
  - Looking **left / right** in **transverse**.
- Assess the **optic nerve sheath diameter** (ONSD) and record as *still image*
  - Measure 3 mm posterior to the globe in **both** transverse and sagittal views.
- Ensure to obtain adequate visualization of the **lens, anterior chamber, posterior chamber, retina, optic nerve, optic nerve sheath diameter, retrobulbar area**.
  - You will be asked to comment on the visualization of the aforementioned.

Right Eye

- |   |   |
|---|---|
| <input type="checkbox"/> Trv: fan through (video) | <input type="checkbox"/> Sag: fan through (video) |
| <input type="checkbox"/> Trv: left/right (video)  | <input type="checkbox"/> Sag: up/down (video)     |
| <input type="checkbox"/> Trv: ONSD (still image)  | <input type="checkbox"/> Sag: ONSD (still image)  |

Left Eye

- |  |  |
|--|--|
| <input type="checkbox"/> Trv: up/down (video)    | <input type="checkbox"/> Sag: up/down (video)    |
| <input type="checkbox"/> Trv: left/right (video) | <input type="checkbox"/> Sag: left/right (video) |
| <input type="checkbox"/> Trv: ONSD (still image) | <input type="checkbox"/> Sag: ONSD (still image) |