Movie 1. AO-SLO movie of moving particles and dark tails in the parafoveal capillary.

The video field size is $1.4 \times 2.8^\circ$ at the retina and the frame rate is 64 fps. The video shows bright moving objects and dark tails flowing in parafoveal capillaries in a normal subject.

The scanning layer was focused on the photoreceptor layer. The cone mosaic was visible as bright dots, and vessel shadows were detected as dark lines. Bright particles corresponding to leukocytes or a plasma gap and dark tails corresponding to erythrocyte aggregates were detected as moving objects in the vessel shadows. The video field size is $1.4 \times 2.8^\circ$ at the retina and the frame rate is 64 fps."

The imaging area was the same as that for described Movie 2, but the scanning layer was focused on the capillary layer, which was away from the photoreceptor layer. Vessels could be detected directly, and the numerous, flickering high-intensity particles that were observed may correspond to a mixture of reflected light from moving erythrocytes and from the retinal layers near the capillary layer. The video field size is $1.4 \times 2.8^\circ$ at the retina and the frame rate is 64 fps."