

Supplementary Appendix

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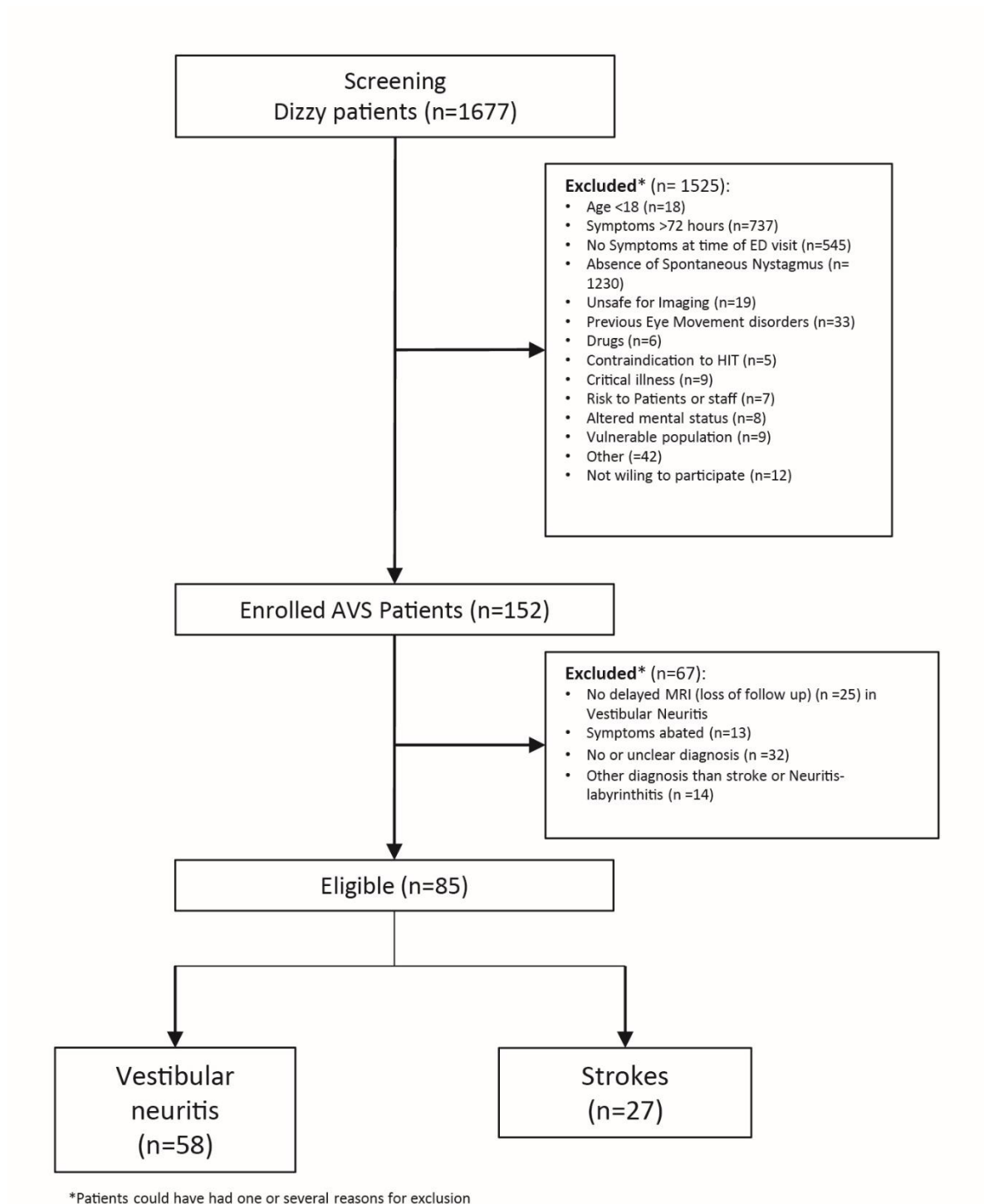
Figure 1S. Flow chart: showing the screening and enrollement process.

Figure 2S. Examination setup

Figure 2S. Illustration of caloric ear irrigation (A) using water at 7°C below and 7°C above body temperature for 30 seconds. Eye movement responses (slow phase velocity of nystagmus) are recorded with VOG for 3 minutes. The video head impulse test (vHIT) (B) consists of rapid passive head movements towards each side. The patient fixates a target point >1m distance. Head and eye velocity are tracked and recorded during movements using light-weight vHIT goggles with a build-in accelerometer and high speed infrared camera connected to a laptop.