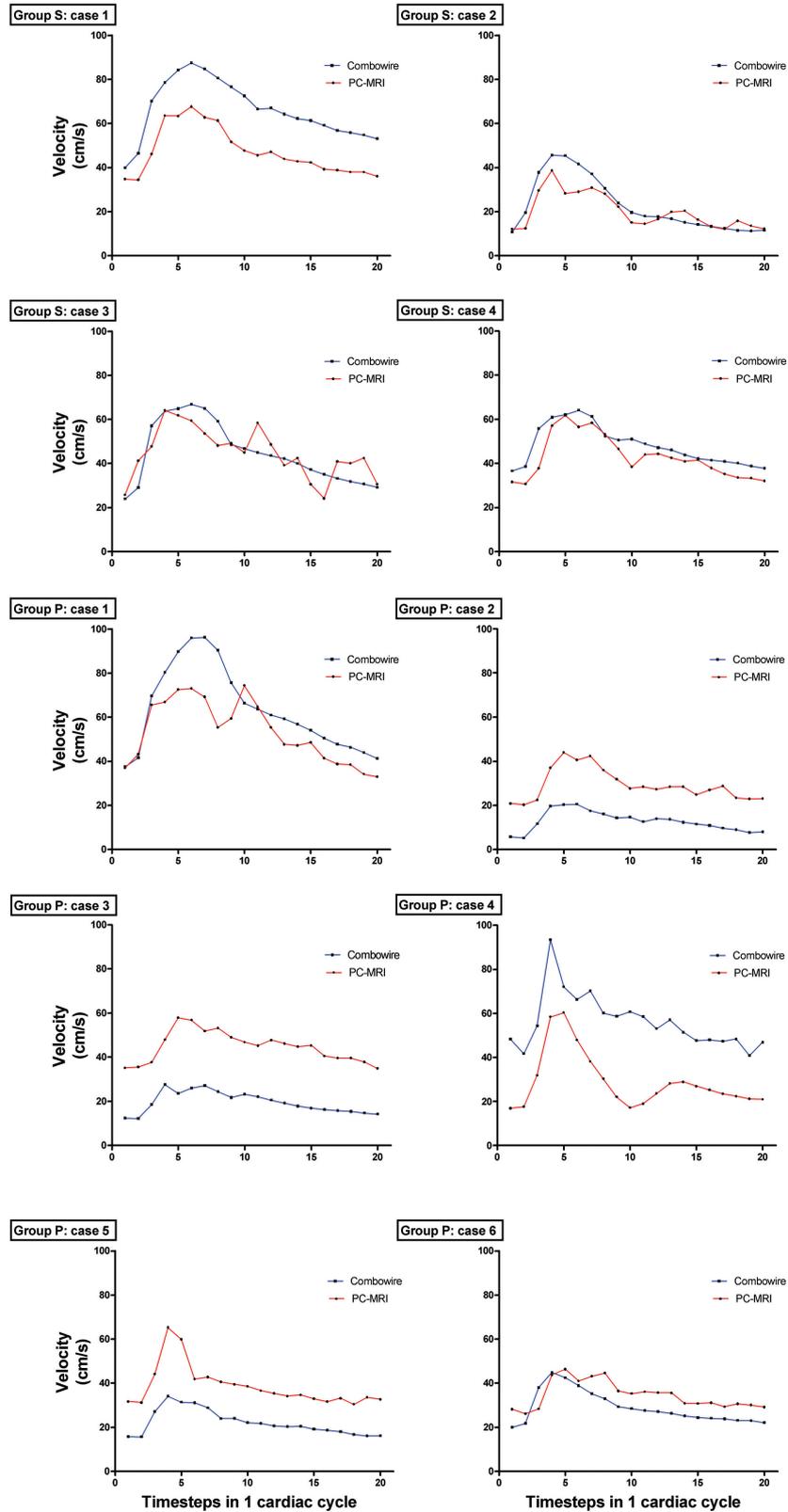
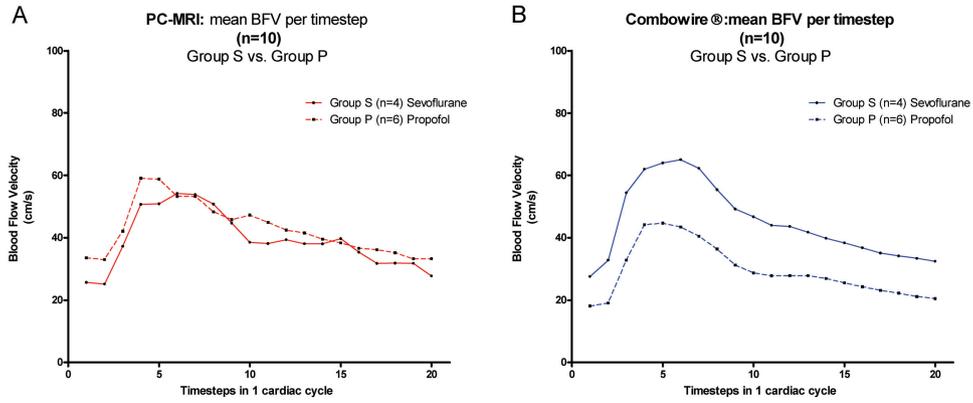


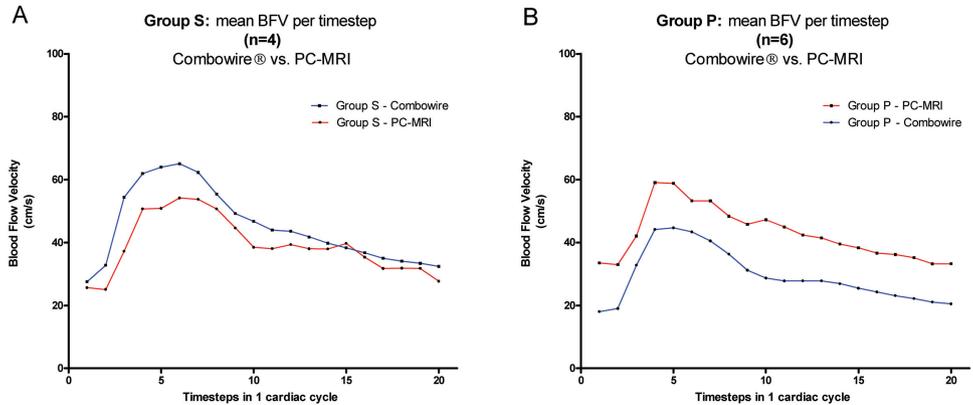
On-line Fig 1. Velocity data acquired by the ComboWire down-sampled to match the number of measurements obtained with PC-MR imaging compressed.



On-line Fig 2. Interpatient variation in cerebral blood flow velocity, measured with the ComboWire and PC-MR imaging.



On-line Fig 3. Differences between groups S and P. *A*, PC-MR imaging measurements in all patients, under nonanesthetized conditions. *B*, ComboWire measurements, comparing both groups.



On-line Fig 4. Differences between modalities with patients under different types of anesthetics. Group S: Mean BFV measurements with the ComboWire under sevoflurane anesthetic compared with PC-MR imaging. Group P: Mean BFV measurements with ComboWire under propofol anesthetic.