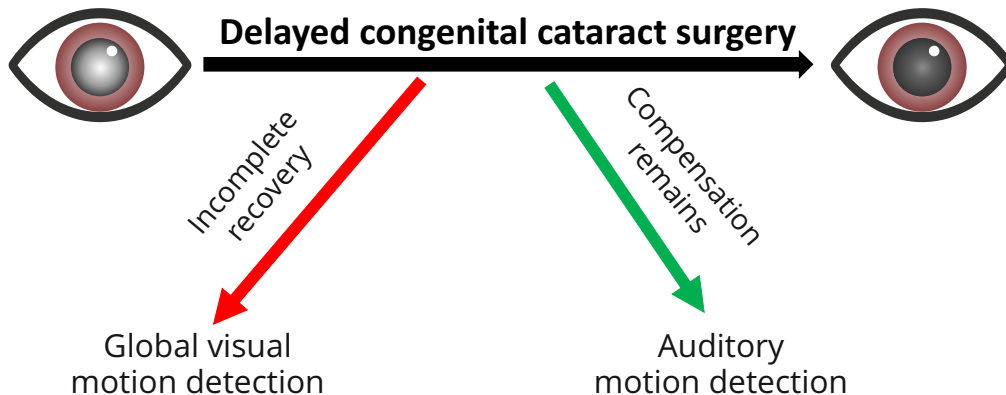


Indo-German Lab of LVPEI

Motion processing after sight restoration: No competition between visual recovery and auditory compensation

Davide Bottari, Ramesh Kekunnaya, Marlene Hense, Nikolaus F. Troje, Suddha Sourav, Brigitte Röder



Individuals with a history of bilateral dense congenital cataracts outperform normally sighted individuals in an auditory motion task even several years after regaining their sight by means of cataract removal surgery. This finding indicates that compensatory mechanisms acquired at an early developmental stage are not lost despite the acquisition of visual functions. Visual rehabilitation efforts might make use these compensatory skills for better rehabilitation outcome.