

Dr. Koen van Overdam, Rotterdam Eye Hospital, The Netherlands

Koen van Overdam completed his residency in ophthalmology at the Rotterdam Eye Hospital and a fellowship in vitreoretinal surgery at the Rotterdam Eye Hospital and at Moorfields Eye Hospital. He is a consultant ophthalmologist and vitreoretinal surgeon at the Rotterdam Eye Hospital since 2005. He is specialized in complex vitreoretinal surgery, including gene therapy surgery, bionic vision implant surgery, RPE translocation surgery, retinal vascular cannulation, retinal vascular tumor surgery, severe ocular trauma surgery, pediatric vitreoretinal surgery, surgery for complications after previous surgery, etc.

His current research activities include improvement of the surgical management of retinal vasculopathies and retinal vascular tumors, improvement of the visualization and removal of vitreous during vitrectomy, the role of vitreoschisis-induced vitreous cortex remnants in the development of proliferative vitreoretinopathy, as well as the development of instruments and techniques to improve vitreoretinal surgery. He developed and patented two novel instruments: the Intra-ocular Diathermy Forceps and the Vitreous Wipe. He also developed a novel theory on the pathophysiology of proliferative vitreoretinopathy (PVR), showing that vitreoschisis-induced vitreous cortex remnants (VCR) over retinal surface are the 'missing link' in pre-retinal PVR development and that removal of VCR can improve the surgical outcome.

More information about the two webcasts Three Years of Real-World Experience with Voretigene Neparvovec can be found on mednet.healthcare/oculargenetherapy