

The Viability Control of Human Endothelial Cells Before Keratoplasty (V-CHECK) Study

NCT05847387

Status	RECRUITING
Sponsor	Azienda Socio Sanitaria Territoriale degli Spedali Civili di Brescia
Enrollment	135 participants

Key Eligibility Criteria

Inclusion (4)

- Age older than 18 years old
- Planned corneal transplantation: perforating keratoplasty (PK), Descemet stripping automated endothelial keratoplasty (DSAEK), ultra-thin DSAEK (UT-DSAEK) or Descemet membrane endothelial keratoplasty (DMEK)
- Indication for corneal transplantation (low-moderate risk of rejection): keratoconus, Fuchs endothelial dystrophy
- Ability to provide written informed consent.

Exclusion (9)

- Prior corneal transplantation
- Planned preloaded DSAEK or preloaded DMEK
- Planned keratoplasty not involving corneal endothelium transplantation (i.e., superficial/deep anterior lamellar keratoplasty)
- Evidence of concurrent microbial keratitis
- Evidence of non-infectious or autoimmune keratitis

... and 4 more (see full listing online)

Locations (12 total)

Antwerp University Hospital, Edegem, Belgium
Department of Ophthalmology, University of Cologne, Cologne, Germany
Münster University Hospital, Münster, Germany

... and 9 more locations