

Dr. Juan Álvarez de Toledo

Born in Barcelona (SPAIN), August 27th, 1963.

Educational attainment

- Bachelor's degree in Medicine and Surgery at the Universidad Central de Barcelona in June 1987 with highest honors. Doctoral thesis about " Long term recurrence of keratoconus after corneal transplantation" (in press)
- Ranked No. 250 over 23000 candidates in the national exam for resident medical practitioners (M.I.R.) in January 1988.
- Specialist's degree in Ophthalmology on January 1st 1992, after being a Resident of the Centro de Oftalmología Barraquer from 1988 to 1992.
- Practical and theoretical specialization course in Eye-Banking, organized by the Cornea Bank of the Netherlands Ophthalmic Research Institute. Amsterdam, March 19-31, 1990.
- Advanced Course on methods of corneal culture at the Cornea Bank of the Christian Albrechts Universitäts in Kiel. March 1994.

Clinical Activities

1. Current practice as full time Senior Ophthalmic Surgeon at the Centro de Oftalmología Barraquer in Barcelona since January 1992, carrying out clinical and surgical activities in the Department of Anterior Segment including, to stand out
 - more than one hundred eighty corneal grafts a year,
 - cataracts and ocular surface reconstruction procedures including limbal allografts, Boston keratoprotheses and amniotic membrane transplantation)
 - Refractive Surgery (Excimer and femtosecond-assisted procedures (LASIK, LASEK, PRK, incisional surgery, intracorneal implants, corneal cross linking, ICL surgery, clear lens extraction and multifocal IOL implantation).
2. Section Chief of the Department of Corneal Preservation at the Eye Bank for Blindness Treatment in Barcelona. Long experience in low temperature preservation at +4° C and corneal tissue culturing at +32° C. (organ-culture)

Member of many European, National and Regional Ophthalmologic societies, being a board member in some of them and reviewer and in the Editorial board of different ophthalmology publications:

Most relevant publications related to aniridia

1. Transplantes de limbo: cirugía de la superficie ocular. Dr J. Alvarez de Toledo, Dr. R.I. Barraquer Compte, Prof. J. Barraquer Moner. Oftalmología Práctica. Vol 5 pág. 12-17 Enero 1997.
2. Transplante de limbo. Barraquer Digital Journal. Enero de 1997. En <http://www.co-barraquer.es>.
3. Storage, surgery, outcome, complications, and new developments in corneal and conjunctival grafts. Barraquer RI, Alvarez de Toledo JP, Barraquer J. Curr Opin Ophthalmol 1997 Aug;8(4):31-40.
4. Long term visual prognosis of corneal and ocular surface surgery in patients with congenital aniridia. De La Paz MF, Alvarez de Toledo J, Barraquer RI, Barraquer J. Acta Ophthalmol Scan 2008 Nov;86(7):735-40
5. Protocolo de actuación en pacientes con aniridia congenita. Alvarez de Toledo J, Gris O, Perez Santonja J, Teus M. Ed: ENE Ediciones SA. Madrid 2008.
6. Queratoprótesis tipo Boston (Boston K-PRO) en fallo de injerto repetido. De la Paz MF, Álvarez de Toledo J. Annals d'Oftalmología; 16(2):90-92