

Leonardo Torquetti Costa

CURRICULUM VITAE

DECEMBER 2023

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LEONARDO TORQUETTI COSTA

Ophthalmologist, anterior segment surgeon, with emphasis in refractive cataract surgery, anterior segment reconstruction, cornea (keratoconus and keratoplasty) and refractive surgery (cornea based and phakic IOL). Extensive international experience as speaker, including lectures and instruction courses in more than 30 countries.

CEO, founder and Clinical Director of Center for Excellence in Ophthalmology, a middle-sized practice with 12 ophthalmologists of different subspecialties, located in Southwestern Brazil.

1.PERSONAL DATA

Nationality: Brazilian

Citizenship: Brazilian / Italian

Birthday: 24/03/1977, in Belo Horizonte, Minas Gerais, BRAZIL

ADDRESS

Rua Capitão Teixeira, 415

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2. EDUCATION

Graduated in Medicine from Faculdade de Medicina of Universidade Federal de Minas Gerais (1995 - 2000) - Belo Horizonte – MG – Brazil

3. POST GRADUATE TRAINING

Ophthalmology (2001 – 2002)

Residency - Hospital São Geraldo – Hospital das Clínicas da Universidade Federal de Minas Gerais - Belo Horizonte – MG - Brazil

Cornea, Cataract and Refractive Surgery (2003)

Fellowship at Cornea Service of Hospital São Geraldo – Hospital das Clínicas da Universidade Federal de Minas Gerais - Belo Horizonte – MG – Brazil

Retina and Vitreoretinal Surgery (2004)

Medical and Surgical Fellowship at Retina Service of Hospital São Geraldo – Hospital das Clínicas da Universidade Federal de Minas Gerais - Belo Horizonte – MG – Brazil

PhD in Ophthalmology (2009) - Doctorate

Faculdade de Medicina - UFMG, UFMG, Brasil.

Thesis: Avaliação da Regeneração Retiniana mediada por Células-Tronco Mesenquimais - Estudo Experimental em Ratos Wistar.

Orientador: Marcio Nehemy.

4. PROFESSIONAL MEMBERSHIP

Conselho Regional de Medicina de Minas Gerais - CRM-MG – Number: 35661

European Society of Cataract and Refractive Surgeons

American Society of Cataract and Refractive Surgery

American Academy of Ophthalmology

Conselho Brasileiro de Oftalmologia – CBO - Number: 221706

5. IDIOMS

PORTUGUESE, ENGLISH, SPANISH, AND ITALIAN

6. EXAMINATIONS

Post Degree in Ophthalmology – Centro de Pós-Graduação - UFMG

Approved in 4° place (10 positions available). Belo Horizonte, February 17th, 2004.

Ophthalmologist of Hospital das Clínicas - UFMG

Approved in 6° place (14 positions available). Belo Horizonte, January 20th 2004.

National Board in Ophthalmology - Conselho Brasileiro de Oftalmologia (CBO)

Approved in 1° place in Minas Gerais State. Belo Horizonte, January 17th 2003. Grade: 91% (Best Grade in the Country: 93%)

Medical Residency in Ophthalmology

Hospital das Clínicas da Universidade Federal de Minas Gerais – Hospital São Geraldo. **Approved in 1° place.** (6 positions available) Belo Horizonte, November/2000.

Medical Residency in Ophthalmology

Instituto dos Servidores do Estado de Minas Gerais (IPSEMG). **Approved in 1° place** (2 positions available). Belo Horizonte, November/2000.

Medical Residency in Ophthalmology

Santa Casa de Misericórdia de Belo Horizonte. Approved in 6° place (9 positions available). Belo Horizonte, November/2000.

7. SPEAKER

OERTLI Instruments - Switzerland

AJL Ophthalmics - Spain

Ferrara Ophthalmics – Brazil

OFTA – Brazil

8. PUBLICATIONS AND PRESENTATIONS

8.1. Presentations in Seminars and Meetings

Oral Presentations

Planejamento cirúrgico do Anel de Ferrara: Nomograma baseado na Asfericidade e Elevação Posterior

Anel em Casos Desafiadores

Leonardo Torquetti

Congresso da USP – Universidade Federal de São Paulo – Centro de Convenções Rebouças – São Paulo. December 2-3, 2023.

Course: What is new in keratoconus surgical treatment

Topic: intrastromal corneal ring segments

Leonardo Torquetti

American Academy Ophthalmology – Annual Meeting. November 3-6, 2023, San Francisco, CA, USA

Booth Talk: Maximum optimization of cataract surgery: an overview of my key phaco technologies

OERTLI Booth

Leonardo Torquetti

European Society of Cataract and Refractive Surgeons –September 9-12, 2023, Vienna, Austria

ICRS in challenging cases / ICRS as a refractive tool / Doing better with ICRS: how to achieve the best outcomes.

Leonardo Torquetti

Indian Intraocular and Refractive Society –July 8-9, 2023, Chennai, India

Intravascular Mitomycin for the treatment of cornea neovascularization

Challenging Cases in ICRS

Leonardo Torquetti

SICSSO – The International Society of Cornea, Stem Cells, and Ocular Surface. June 29th – July 1st Catania, Sicilia, Italy

Conduta nas ametropias pós cirurgia de catarata em ceratocone

Facoemulsificadores, o que temos no mercado: OERTLI

Evitando complicações no implante de anel intraestromal

Leonardo Torquetti

BRASCRS – May 24-27 São Paulo.

Implante de anel: Nomograma para ceratocone

Leonardo Torquetti

Congresso Panamericano de Oftalmologia – March 20-22 Buenos Aires, Argentina.

Double ICRS: an approach to fine tune clinical outcomes
ICRS as refractive tool

Leonardo Torquetti

The 8th Asia Cornea Society – 2022, November 23-25th Bangkok, Thailand.

Planejamento cirúrgico do Anel de Ferrara: Nomograma baseado na Asfericidade e Elevação Posterior

Anel em Casos Desafiadores

Leonardo Torquetti

Congresso da USP – Universidade Federal de São Paulo – Centro de Convenções Rebouças – 2022, São Paulo. November 8-12.

Course: What is new in keratoconus surgical treatment

Topic: intrastromal corneal ring segments

Leonardo Torquetti

American Academy Ophthalmology – Annual Meeting. November 3-6, 2022, Chicago, IL, USA

WetLab Anel Intraestromal

Leonardo Torquetti

Congresso da SBO – Sociedade Brasileira de Oftalmologia – Expomag – 2022, Rio de Janeiro. October 13-15.

Planejamento cirúrgico do Anel de Ferrara: Nomograma baseado na Asfericidade e Elevação Posterior

Anel em Casos Desafiadores

Leonardo Torquetti

Congresso da USP – Universidade Federal de São Paulo – Centro de Convenções Rebouças – 2021, São Paulo. November 8-12.

Long Arch ICRS

Leonardo Torquetti

European Society of Cataract and Refractive Surgeons Winter Meeting -February 21-23, 2020, Marrakesh, Morocco

320-ICRS

Pinhole IOL

Leonardo Torquetti

Al-Azhar University Meeting - January 9-10, 2020, Cairo, Egypt

Nomograma baseado na Asfericidade e Elevação Posterior

Anel em Casos Desafiadores

Leonardo Torquetti

Congresso da USP – Universidade Federal de São Paulo – Centro de Convenções Rebouças – 2019, São Paulo. November 27-29.

A new refractive ICRS for myopia correction

Leonardo Torquetti

Asia Pacific Ophthalmology Association Meeting -March 6-9, 2019, Bangkok, Thailand

Anillo de 320

Leonardo Torquetti

FACOELCHE – World Keratoconus Society -January 28-30, 2019, Elche, Spain

320-ICRS

Leonardo Torquetti

Société Française de Ophthalmologie - May 10-13, 2019, Paris, France

320-ICRS

Leonardo Torquetti

European Society of Cataract and Refractive Surgeons Annual Meeting - September 22-26, 2018, Vienna, Austria

Ferrara Intrastromal Corneal Ring Segments

Leonardo Torquetti

ICRS meeting – August 11, 2018, Kathmandu, Nepal

Innovations in intrastromal corneal ring segments

Leonardo Torquetti

Indian Society of Cornea and Keratorefractive Surgeons Annual Meeting -August 4-5, 2018, Delhi, India

Ferrara Ring

Leonardo Torquetti

Keratoconus - March 13-14, 2018, Bangkok, Thailand

320-ICRS

Leonardo Torquetti

SICSSO – The International Society of Cornea, Stem Cells, and Ocular Surface. June 21-23, 2018, Paestum Italy

Ferrara Ring Wetlab

Leonardo Torquetti

European Society of Cataract and Refractive Surgeons Annual Meeting - October 10-14, 2016, Copenhagen, Denmark

Ferrara Ring Wetlab

Leonardo Torquetti

European Society of Cataract and Refractive Surgeons Annual Meeting - September 6-9, 2015, Barcelona, Spain

Ferrara Ring Wetlab

Leonardo Torquetti

European Society of Cataract and Refractive Surgeons Annual Meeting - September 14-18, 2014, London, UK

Controversias en cirugía refractiva

Leonardo Torquetti

ALAACSA Meeting - November 23-25, 2013, Ciudad de Mexico, Mexico

Ferrara Ring Wetlab

Leonardo Torquetti

European Society of Cataract and Refractive Surgeons Annual Meeting - October 4-9, 2013, Amsterdam, Netherlands

Update on intrastromal corneal ring segments

Leonardo Torquetti

American Academy Ophthalmology – Annual Meeting, October 5-9, 2012, Chicago, IL, USA

Ferrara Ring Wetlab

Leonardo Torquetti

European Society of Cataract and Refractive Surgeons Annual Meeting - September 6-9, 2013, Milan, Italy

Reoperation in intrastromal corneal ring segments

Leonardo Torquetti

ASCRS – American Society of Cataract and Refractive Surgery - April 9-12, 2012, Chicago, IL, USA

Ferrara intrastromal corneal ring segments

Leonardo Torquetti

Jinling Ophthalmic Forum – April 27-29, 2012, Nanjing, China

Ferrara intracorneal segments

Leonardo Torquetti

World Ophthalmology Congress - February 15-20, 2012, Abu Dhabi, United Arab Emirates

Ferrara Ring Wetlab

Leonardo Torquetti

European Society of Cataract and Refractive Surgeons Annual Meeting - September 16-21, 2011, Vienna, Austria

Clinical outcomes of ICRS implantation in a large sample of patients

Leonardo Torquetti

ASCRS – American Society of Cataract and Refractive Surgery - March 25-29 2011, San Diego, CA, USA

Clinical outcomes of ICRS implantation in a large sample of patients

Leonardo Torquetti

American Academy Ophthalmology – Annual Meeting, October 16-19, 2010, Chicago, IL, USA

Corneal asphericity changes after ICRS implantation

Leonardo Torquetti

ASCRS – American Society of Cataract and Refractive Surgery - April 3-9, 2009, Boston, MA, USA

Verticillium sp. Chronic Endophthalmitis after Cataract Surgery Treated with Pars Plana Vitrectomy and Oral and Intravitreal Voriconazole

Daniel Vitor de Vasconcelos Santos, Marcio B. Nehemy, **Leonardo Torquetti Costa**, Érika Pacheco Magalhães.

XXIX Congresso da Sociedade Brasileira de Retina e Vítreo, April 1st 2004, Florianópolis – SC, Brazil.

XIII Congresso Internacional da SBO, June 9th 2004, Rio de Janeiro, RJ, Brazil.

XVI Congresso Brasileiro de Prevenção da Cegueira e Reabilitação Visual, September 4th 2004, Rio de Janeiro – RJ, Brazil.

Choroidal Neovascularization After Accidental Macular Damage by Laser

Marcio B. Nehemy, **Leonardo Torquetti Costa**, Daniel Vitor de Vasconcelos Santos, Erika Pacheco Magalhães. XXIX Congresso da Sociedade Brasileira de Retina e Vítreo, April 1- 3 2004. Florianópolis – SC, Brazil

Efeito da Triancinolona Intravitrea na Pressão Intraocular

Daniel Vitor de Vasconcelos Santos, Marcio B. Nehemy, **Leonardo Torquetti Costa**, Érika Pacheco Magalhães .

XXIX Congresso da Sociedade Brasileira de Retina e Vítreo, April 1st 2004, Florianópolis – SC, Brazil.

XIII Congresso Internacional da SBO, June 9th 2004, Rio de Janeiro, RJ, Brazil.

XVI Congresso Brasileiro de Prevenção da Cegueira e Reabilitação Visual, September 4th 2004, Rio de Janeiro – RJ, Brazil.

Endoftalmite Crônica

Marcio B. Nehemy, Daniel Vitor de Vasconcelos Santos, **Leonardo Torquetti Costa**, Érika Pacheco Magalhães, Carlos Brito Junior .

XXIX Congresso da Sociedade Brasileira de Retina e Vítreo, April 1st 2004, Florianópolis – SC, Brazil.

Pseudo- Endoftalmite associada à Injeção Intravitrea de Triancinolona

Leonardo Torquetti Costa, Marcio B. Nehemy, Daniel Vitor de Vasconcelos Santos, Érika Pacheco Magalhães

XXIX Congresso da Sociedade Brasileira de Retina e Vítreo, April 1st 2004, Florianópolis – SC, Brazil.

XIII Congresso Internacional da SBO, June 9th 2004, Rio de Janeiro, RJ, Brazil.

XVI Congresso Brasileiro de Prevenção da Cegueira e Reabilitação Visual, September 4th 2004, Rio de Janeiro – RJ, Brazil.

Ultrasound Biomicroscopy in Pars Plana Vitrectomy

Leonardo Torqueti Costa, Marcio B. Nehemy, Marcio Zisman, Flavio de Andrade Marigo. XXIX Congresso da Sociedade Brasileira de Retina e Vítreo, April 3rd 2004, Florianópolis – SC, Brazil.

Medida Da Área De Recesso Angular Pela Biomicroscopia Ultra-Sônica Em Glaucoma De Ângulo Estreito No Claro e Escuro Antes e Após Iridotomia

Leonardo Torqueti Costa, Sebastião Cronemberger, André Oliveira de Andrade, Flávio de Andrade Marigo, Edmar Chartone de Souza, Nassim Calixto. XXIV Congresso do Hospital São Geraldo, October 9th 2003, Belo Horizonte – MG, Brazil

Medida da Área de Recesso Angular em Indivíduos Normais pela Biomicroscopia Ultra-Sônica

Leonardo Torqueti Costa, Flávio de Andrade Marigo, Edmar Chartone de Souza, Sebastião Cronemberger, Nassim Calixto. XXIII Congresso do Hospital São Geraldo, October 9th 2002, Belo Horizonte – MG, Brazil. **Awarded, second place, XXIII Congresso do Hospital São Geraldo**

Adaptação de Lentes de Contato em Afacia

Heryberto Silva Alvim, **Leonardo Torqueti Costa**, Lourival Franco de Sá Filho. XXII Congresso do Hospital São Geraldo, November 26th 2001, Belo Horizonte – MG, Brazil.

Avaliação da Pressão Ocular Após Inserção de um Implante Laminar de Drenagem em Coelhos

Sérgio Jacobovitz, Ana Cristina L. Cotta, Daniel Vítor V. Santos, Gustavo G. Mendonça, **Leonardo Torqueti Costa**, Patrick F. Tzelikis. XXII Congresso do Hospital São Geraldo, November 26th 2001, Belo Horizonte – MG, Brazil.

Aspectos Clínico-Epidemiológicos do Descolamento de Retina

Leonardo Torqueti Costa, Gustavo de Castro, Daniel Vítor Vasconcelos Santos, Danuza Machado, Antônio Carlos Lopes Chaves. XXII Congresso do Hospital São Geraldo, November 26th 2001, Belo Horizonte – MG, Brazil.

Descolamento de Retina Regmatogênico: Tratamento e Complicações

Edilaine Márcia Fernandes, Ana Cláudia Monteiro Oliveira, **Leonardo Torqueti Costa**, Gustavo de Castro, Antônio Carlos Lopes Chaves. XXII Congresso do Hospital São Geraldo, November 26th 2001, Belo Horizonte – MG, Brazil.

Estudo dos Fatores Predisponentes do Descolamento de Retina Regmatogênico

Heloísa Andrade Maestrini, Fernando Aurélio Pedrosa, **Leonardo Torqueti Costa**, Daniel Vítor Vasconcelos Santos, Antônio Carlos Lopes Chaves. XXII Congresso do Hospital São Geraldo, November 26th 2001, Belo Horizonte – MG, Brazil.

Adaptação de Lentes de Contato Pós-Trauma Ocular

Heryberto Silva Alvim, **Leonardo Torqueti Costa**, Lourival Franco de Sá Filho. Congresso de Lentes de Contato e Córnea, April 6th 2001, Belo Horizonte – MG, Brazil.

Achados Ultrabiomicroscópicos na Aniridia

Sebastião Cronemberger, **Leonardo Torqueti Costa**, Flávio de Andrade Marigo, Nassim Calixto, André Oliveira Andrade. XXI Congresso Internacional do Hospital São Geraldo, June 21st 2000, Belo Horizonte – MG, Brazil

POSTERS

Tratamento do Edema Macular Secundário à Oclusão de Veia Central da Retina e de Ramo de Veia Central da Retina com Injeção Intravítrea de Triancinolona

Samuel de Lima Accioly, **Leonardo Torqueti Costa**, Daniel Vítor Vasconcelos Santos, Érika P. Magalhães, Márcio B. Nehemy. XXV Congresso do Hospital São Geraldo, November 11 – 13, 2003, Belo Horizonte – MG – Brazil.

Neovascularização Coroidiana após Lesão Macular Acidental por Laser

Márcio Nehemy, **Leonardo Torqueti Costa**, Érika P. Magalhães, Daniel V. Vasconcelos Santos. XVI Congresso Brasileiro de Prevenção da Cegueira e Reabilitação Visual, XXIX Congresso da Sociedade Brasileira de Retina e Vítreo, April 1st 2004, Florianópolis – SC, Brazil.

Verticillium sp. Chronic Endophthalmitis after Cataract Surgery Treated with Pars Plana Vitrectomy and Oral and Intravitreal Voriconazole

Márcio Nehemy, Érika P. Magalhães, **Leonardo Torqueti Costa**, Daniel V. Vasconcelos Santos. American Society of Retina Specialists – 22nd Annual Meeting. August 16-20, 2004, San Diego, CA, USA.

Correlation between the Central Corneal Thickness and the Daily Intraocular Pressure in Glaucomatous and Suspected Patients

Sebastião Cronemberger, Nassim Calixto, **Leonardo Torqueti**, Fábio M. Soares. ARVO (Association for Research in Vision and Ophthalmology), April 26th 2004, Fort Lauderdale – Florida – USA

Electrophysiological Findings in Patients with Acute Retinal Necrosis

Luciana Barbosa-Carneiro, Sidney Rocha Lemos, Danuza Oliveira Machado, **Leonardo Torqueti Costa**, Wesley C. Ribeiro, Fernando Oréface. ARVO (Association for Research in Vision and Ophthalmology), April 26th 2004, Fort Lauderdale – Florida – USA

Ceratoplastia pela Radio-frequência para Correção de Hipermetropia Pequena a Moderada: Resultado de 18 Olhos com seguimento de 16 a 25 meses

Leonardo Torqueti Costa, João Marcelo de Almeida Lyra, Patrick Frensel de Moraes Tzelikis, Fernando Cançado Trindade. XXIV Congresso do Hospital São Geraldo, October 24th 2003, Belo Horizonte – MG – Brazil.

Ressecção em Crescente Inferior com Trepanação Parcial da Córnea: Apresentação de Nova Técnica Cirúrgica para Degeneração Marginal Pelúcida Corneana e Relato de Caso

Wellington Tadeu Montenegro, Rafael Vidal Mérula, **Leonardo Torqueti Costa**, Marco Antônio G. Tanure, Fernando Cançado Trindade. XXIV Congresso do Hospital São Geraldo, October 24th 2003, Belo Horizonte – MG – Brazil.

Correlação entre a Espessura Corneana Central e a Curva Diária de Pressão Intra-ocular em Pacientes Glaucomatosos e Suspeitos de Glaucoma

Sebastião Cronemberger, **Leonardo Torqueti Costa**, Fábio Martins, Nassim Calixto. X Simpósio da Sociedade Brasileira de Glaucoma, April 25 - 27 2003, São Paulo – SP – Brazil.

Aspectos Clínico-Epidemiológicos do Glaucoma Cortisônico

Rafael Vidal Mérula, Alberto Diniz Filho, **Leonardo Torqueti Costa**, Sebastião Cronemberger, Nassim Calixto. XXIII Congresso do Hospital São Geraldo, October 9th, Belo Horizonte – MG – Brazil.

Avulsão de Músculo Reto Medial: Relato de Caso

Gustavo Guglielmelli Mendonça, **Leonardo Torqueti Costa**, Galton Carvalho Vasconcelos, Henderson Celestino de Almeida. XXIII Congresso do Hospital São Geraldo, October 10th 2002, Belo Horizonte – MG – Brazil.

Adaptação de Lentes de Contato em Nanofthalmia

Leonardo Torqueti Costa, Juliana Aroeira Salles, Erika Pacheco Magalhães, Lourival Franco de Sá Filho. XXIII Congresso do Hospital São Geraldo, October 10thr 2002, Belo Horizonte – MG – Brazil.

Proptose como Manifestação Inicial de Leucemia Mieloblástica Aguda: Relato de Caso

Leonardo Torqueti Costa, Daniel Vítor Vasconcelos Santos, Edelweiss Oliveira, Maria Ângela Moura, Ana Rosa Pimentel Figueiredo. XXII Congresso do Hospital São Geraldo, October 25th 2001, Belo Horizonte – MG – Brazil

Causas e Tentativa de Classificação da Falência da Trabeculectomia à Biomicroscopia Ultra-sônica

Marcelo Roitberg, Breno Barreto Ribeiro, **Leonardo Torqueti Costa**, Sebastião Cronemberger, Flávio Andrade Marigo. IX Simpósio da Sociedade Brasileira de Glaucoma, June 7th 2001, Belo Horizonte – MG - Brazil

Ultrasound Biomicroscopy in Aniridia

Leonardo Torqueti Costa, Sebastião Cronemberger, Flávio de Andrade Marigo, Nassim Calixto, André Oliveira Andrade. ARVO (Association for Research in Vision and Ophthalmology), May 2nd 2000, Fort Lauderdale – Florida – USA

VIDEOS

Manual DALK made easy

Leonardo Torquetti, Sandro Coscarelli

Film Festival – IOCM – Instituto de Olhos Ciências Médicas - Faculdade de Ciências Médicas de Minas Gerais – 7th December 2023

Treatment of Ocular Perforation caused by Periocular Injections

Márcio Nehemy, Érika P. Magalhães, **Leonardo Torqueti Costa**, Daniel V. Vasconcelos Santos. American Society of Retina Specialists – 22nd Annual Meeting. August 16-20, 2004, San Diego, CA, USA

8.2. Publications

Donut-shaped CAIRS – A variant of corneal allogenic intrastromal segment as an alternative to DALK in advanced keratoconus

Sandro Coscarelli, Sandro P. Coscarelli, **Leonardo Torquetti**. *Cornea Journal*. In Press - 2023.

Results of intrastromal corneal ring implantation in advanced keratoconus with the aim of postponing or avoiding corneal transplantation.

Jordana Sandes Barbosa Soares, Luís Fernando Oliveira Borges Chaves, **Leonardo Torquetti**, Paulo Ferrara de Almeida da Cunha, Marcia Toledo, Guilherme Rocha, Leopoldo Magacho. *European Journal of Ophthalmology*: 2023 Sep-12.

A (not so) new option for safely correct moderate myopia in patients with thin corneas

Sandro Coscarelli, Paulo Ferrara, **Leonardo Torquetti**. *Revista Bras de Oftalmologia*. 3Mar 2022.

Corneal densitometry in patients with keratoconus undergoing intrastromal Ferrara ring implantation

Pablo Felipe Rodrigues; Bernardo Kaplan Moscovici; Guilherme Ferrara; Marcela Mara Silva Freitas; **Leonardo Torquetti**; Renato Ambrósio; José Álvaro Pereira Gomes. *European Journal of Ophthalmology*: 2021-11.

Evaluation of keratoconus progression and visual improvement after intrastromal corneal ring segments implantation: a retrospective study

Bernardo Kaplan Moscovici; Pablo Felipe Rodrigues; Renan Albert Mendonça Rodrigues; Livia Cristina Rios; Rosangela Simoncelli; Marcela Mara Silva Freitas; **Leonardo Torquetti**. *European Journal of Ophthalmology*: 2021. Nov 31(6)-3483-3489.

Visual and Tomographic Outcomes of a 300° Arc-length ICRS Implantation in Moderate to Advanced Central Keratoconus

José F Alfonso, **Leonardo Torquetti**, Luis Fernández-Vega-Cueto, Bruce Allan, Aranzazu Poo-López, Belén Alfonso-Bartolozzi, José de la Cruz, Tiago Monteiro, David Madrid-Costa. *Journal of Refractive Surgery* 2021(4) 249-255.

Preliminary results of a new intrastromal corneal ring segment as a tissue saving procedure in photorefractive keratectomy to correct moderate to high myopia.

Sandro Coscarelli, Pablo Rodrigues, Guilherme Rocha, **Leonardo Torquetti**. *Int. Journal of Ophthalmology* 2020 Dec 18:13(12) 1955-1960.

Intracorneal Ring Segments Implantation Outcomes Using Two Different Manufacturers' Nomograms for Keratoconus Surgery

Guilherme Rocha, Ludmila Nascimento Pinto Silva, Luís Fernando Oliveira Borges Chaves, Pedro Bertino, **Leonardo Torquetti**, Luciene Barbosa de Sousa. *Journal of Refractive Surgery* 2019 Oct 35 (10) 673-683.

Clinical outcomes after implantation of a new intrastromal corneal ring with 140-degree of arc in patients with corneal ectasia

Jordana Sandes, Larissa R S Stival, Marcos Pereira de Ávila, Paulo Ferrara, Guilherme Ferrara, Leopoldo Magacho, Luana P N Araújo, **Leonardo Torquetti**. *Int. Journal of Ophthalmology*. 2018 May;11(5):802-806.

Computational Models for Optimization of the Intrastromal Corneal Ring Choice in Patients with Keratoconus Using Corneal Tomography Data

Daniela Lyra, Guilherme Ribeiro, **Leonardo Torquetti**, Paulo Ferrara, Aydano Machado, João Marcelo Lyra. *Journal of Refract Surgery*. 2018 Aug;1:34(8):547-555.

Clinical Outcomes After Implantation of 320°-Arc Length Intrastromal Corneal Ring Segments in Keratoconus.

Leonardo Torquetti et al. *Cornea Journal*. 2018 Oct;37(10):1299-1305.

Tomographic Findings After Implantation of Ferrara Intrastromal Corneal Ring Segments in Keratoconus

João Marcelo Lyra, Daniela Lyra, Guilherme Ribeiro, **Leonardo Torquetti**, Paulo Ferrara, Aydano Machado. *Journal of Refractive Surgery* 2017 Feb 1;33 (2)110-115.

Intrastromal Corneal Ring Segments for Astigmatism Correction after Deep Anterior Lamellar Keratoplasty.

Arantes JCD, Coscarelli S, Ferrara P, Araújo LPN, Ávila M, **Torquetti L**. *Journal of Ophthalmology* 2017;2017.

Intrastromal Corneal Ring Segments in Children with Keratoconus.

Guilherme Ferrara, Paulo Ferrara, **Leonardo Torquetti**. *International Journal of Keratoconus and Ectatic Corneal Diseases*, v. 6, p. 45-48, 2017.

Ferrara Intrastromal Corneal Ring Segments

Leonardo Torquetti, Jordana Sandes, Guilherme Ferrara, Paula Ferrara. *International Journal of Keratoconus and Ectatic Corneal Diseases*, v. 5, p. 114-127, 2016.

Evaluation of anterior and posterior surfaces of the cornea using a dual Scheimpflug analyzer in keratoconus patients implanted with intrastromal corneal ring segments

Leonardo Torquetti, Carlos Arce, Jesús Merayo-Llodes, Guilherme Ferrara, Paulo Ferrara, Brenno Signorelli, Armando Signorelli. *International Journal of Ophthalmology* 2016; Sep 18(9)1283-8.

Toric intraocular lens rotation related to capsulorhexis

Leonardo Torquetti. *Journal of Cataract and Refract Surgery*. 2015 Feb;41(2):483

Intrastromal corneal ring segments implantation in patients with keratoconus: 10-year follow-up.

Leonardo Torquetti, Guilherme Ferrara, Franklin Almeida, Leandro Cunha, Luana P N Araujo, Aydano P Machado, João Marcelo Lyra, Jesús Merayo-Lloves, Paulo Ferrara. *Journal of Refract Surgery*. 2014 Jan 30(1):22-6.

Intrastromal Corneal Ring Segments Implantation in Patients with Mild Keratoconus.

Pablo Rodrigues, Paulo Ferrara, Guilherme Ferrara, Wagner Gomes, **Leonardo Torquetti**. *International Journal of Keratoconus and Ectatic Corneal Diseases*, v. 3, p. 122-126, 2014.

Transient Keratoconus following Acute Conjunctivitis.

Guilherme Rocha, **Leonardo Torquetti**. *International Journal of Keratoconus and Ectatic Corneal Diseases*, v. 3, p. 136-140, 2014.

Femtosecond laser-assisted intrastromal corneal ring segment implantation for high astigmatism correction after penetrating keratoplasty

Carlos Lisa, Miriam García-Fernández, David Madrid-Costa, **Leonardo Torquetti**, Jesús Merayo-Lloves, José Fernando Alfonso. *Journal of Cataract and Refract Surgery* 2013 Nov 39(11):1660-7.

Technique of Deep Anterior Lamellar Keratoplasty for Keratoconus Treatment.

Paulo Ferrara, Guilherme Ferrara, **Leonardo Torquetti**. *International Journal of Keratoconus and Ectatic Corneal Diseases*, v. 2, p. 51-55, 2013.

The Influence of Corneal Volume in Surgical Planning: Insights for a New Parameter for the Ferrara Ring Nomogram.

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9. BOOK CHAPTERS

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10. METTINGS AND SEMINARS

Congresso de Oftalmologia da USP

November 30 December 1-2 – Sao Paulo, Brazil

ICL Immersion Course – Zaldivar ICL Course

November 16-17, 2023, Mendoza, Argentina

American Academy of Ophthalmology Annual Meeting

November 3-6, 2023, San Francisco, CA, USA

European Society of Cataract and Refractive Surgeons Annual Meeting

September 8-12, 2023, Vienna, Austria

Indian Intraocular Implant and Refractive Surgery Convention (IIRS)

July 8-9, 2023, Chennai, India

SICSSO (The International Society of Cornea, Stem Cells and Ocular Surface) Annual Meeting

June 29-30, 2023, Catania, Italy

Congresso da Sociedade Brasileira de Catarata e Refrativa (BRASCRS)

May 24-27 – São Paulo, Brazil

PAAO – Congreso Panamericano de Oftalmologia

March 17-20, 2023, Buenos Aires, Argentina

Congresso de Oftalmologia da USP

November 30 December 1-2, 2022– Sao Paulo, Brazil

8th Asia Cornea Society Meeting

November 23-25th 2022, Bangkok, Thailand.

American Academy of Ophthalmology Annual Meeting

November 3-6, 2022, Chicago, IL, USA

European Society of Cataract and Refractive Surgeons Annual Meeting
September 16-20, 2022, Milan, Italy

SICSSO – The International Society of Cornea, Stem Cells, and Ocular Surface.
June 30th – July 2nd, 2022, Firenze, Italy

BRASCRS – Brazilian Association of Cataract and Refractive Surgery
May 25th- 28th 2022, Salvador, Brasil

Cataract Surgery: Telling like it is.
February 9th- 12th 2022, Orlando, USA

Congresso de Oftalmologia da USP
December 2-4, 2021– São Paulo, Brazil

European Society of Cataract and Refractive Surgeons Annual Meeting
February 21-23, 2020, Marrakesh, Morocco

Al-Azhar University Meeting
January 9-10, 2020, Cairo, Egypt

Congresso de Oftalmologia da USP
November 27-29, 2019– São Paulo, Brazil

Congresso do Hospital São Geraldo - UFMG
November 7-9, 2019– São Paulo, Brazil

European Society of Cataract and Refractive Surgeons Annual Meeting
September 14-18, 2019, Paris, France

BRASCRS – Brazilian Association of Cataract and Refractive Surgery
May 29th- 30th 2019, Brasília, Brasil

Société Française de Oftalmologie
May 10-13, 2019, Paris, France

Asia Pacific Ophthalmology Association Meeting
March 6-9, 2019, Bangkok, Thailand

FACOELCHE – World Keratoconus Society
January 28-30, 2019, Elche, Spain

ASCRS – American Society of Cataract and Refractive Surgery
April 9th- 12th 2018, Washington DC, USA

European Society of Cataract and Refractive Surgeons Annual Meeting

September 22-26, 2018, Vienna, Austria

Indian Society of Cornea and Keratorefractive Surgeons Annual Meeting
August 4-5, 2018, Delhi, India

SICSSO – The International Society of Cornea, Stem Cells, and Ocular Surface.
June 21-23, 2018, Paestum, Italy

European Society of Cataract and Refractive Surgeons Annual Meeting
October 7-10, 2017, Lisboa, Portugal

ASCRS – American Society of Cataract and Refractive Surgery
May 5th- 9th 2017, Los Angeles, CA, USA

European Society of Cataract and Refractive Surgeons Annual Meeting
October 10-14, 2016, Copenhagen, Denmark

Cataract Surgery: Telling like it is.
January 28th- 30th 2016, Naples, FL, USA

European Society of Cataract and Refractive Surgeons Annual Meeting
September 6-9, 2015, Barcelona, Spain

ASCRS – American Society of Cataract and Refractive Surgery
April 17th- 20th 2015, San Diego, CA, USA

European Society of Cataract and Refractive Surgeons Annual Meeting
September 14-18, 2014, London, England

European Society of Cataract and Refractive Surgeons Annual Meeting
October 5-9, 2013, Amsterdam, Netherlands

*ALAACSA – Asociación Latinoamericana de Cirujanos de Catarata, Segmento Anterior e
Cirugía Refractiva Meeting*
November 23-25, 2013, Ciudad de Mexico, Mexico

American Academy Ophthalmology – Annual Meeting.
October 5-9, 2012, Chicago, IL, USA

ASCRS – American Society of Cataract and Refractive Surgery
April 9-12, 2012, Chicago, IL, USA

European Society of Cataract and Refractive Surgeons Annual Meeting
September 6-9, 2012, Milan, Italy

Jingling Ophthalmic Forum
April 27-29, 2012, Nanjing, China

World Ophthalmology Congress

February 15-20, 2012, Abu Dhabi, United Arab Emirates

European Society of Cataract and Refractive Surgeons Annual Meeting

September 16-21, 2011, Vienna, Austria

ASCRS – American Society of Cataract and Refractive Surgery

March 25-29, 2011, San Diego, CA, USA

American Academy Ophthalmology – Annual Meeting.

October 16-19, 2010, Chicago, IL, USA

ASCRS – American Society of Cataract and Refractive Surgery

April 3-9, 2009, Boston, MA, USA

American Academy Ophthalmology – Annual Meeting.

October 24-27, 2009, San Francisco, CA, USA

American Academy Ophthalmology – Annual Meeting.

November 8-11, 2008, Atlanta, USA

XXIX Congresso Brasileiro de Prevenção da Cegueira e Reabilitação Visual

September 4 – 7, 2004 - Rio de Janeiro – RJ - Brazil

XXIX Congresso de Retina e Vítreo

April 1 – 3, 2004 - Florianópolis – SC - Brazil

XXIV Congresso do Hospital São Geraldo

October 9 – 11, 2003 - Belo Horizonte – MG - Brazil

XXIII Congresso do Hospital São Geraldo

October 9 – 10, 2002 - Belo Horizonte – MG - Brazil

Curso de Glaucoma

July 5 – 6, 2002 - Belo Horizonte - Belo Horizonte – MG - Brazil

II Seminário de Avaliação das Ações de Vigilância Epidemiológica do Tracoma - Regiões Sul, Sudeste, Norte e Centro-Oeste

December 4 – 5, 2001, Brasília – DF - Brazil

XXII Congresso do Hospital São Geraldo

October 25 – 27, 2001 - Belo Horizonte – MG - Brazil

Congresso Brasileiro de Oftalmologia

September 5 – 9, 2001 - São Paulo – SP - Brazil

Simpósio Brasileiro de Glaucoma

June 7 – 9, 2001 - Belo Horizonte – MG - Brazil

Simpósio de Neuro-oftalmologia Básica

April 21, 2001, Belo Horizonte – MG - Brazil

I Congresso de Lentes de Contato e Córnea

April 5 – 7, 2001 - Belo Horizonte – MG - Brazil

Curso de Noções em Controle de Infecção Hospitalar

March 10 – 15, 2001 - Belo Horizonte – MG - Brazil

XXI Congresso Internacional do Hospital São Geraldo

June 22 – 24, 2000 - Belo Horizonte – MG - Brazil

ARVO (Association for Research in Vision and Ophthalmology) – Annual Meeting 2000

April 30th - May 5th, 2000 - Fort Lauderdale, FL - USA

XX Congresso do Hospital São Geraldo

June 11 – 13, 1998 - Belo Horizonte – MG – Brazil

11. HOBBIES

Travel around the globe

Language learning

Surgery Video Recording

Running

12. AWARDS

Film Festival – IOCM – Instituto de Olhos Ciências Médicas

Awarded with the Grand Prize – Manual DALK made easy – Leonardo Torquetti, Sandro Coscarelli

Faculdade de Ciências Médicas de Minas Gerais – 7th December 2023

Pará de Minas, December 9th 2023.

Leonardo Torquetti Costa