



# Federico Ricardi

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**Nationality**: Italian

## EDUCATION AND TRAINING

### High School

*Liceo Classico "Vittorio Alfieri"*

**City**: Turin | **Country**: Italy |

### Medicine and Surgery Degree

*University of Turin*

**City**: Turin | **Country**: Italy |

### Ophthalmology Residency

*Ophthalmology Unit - University of Turin*

**Address**: Via Cherasco 23, 10126, Turin, Italy |

[ Current ] **Ophthalmologist, MD, FEBO**

*Edoria Vision*

**City**: Turin | **Country**: Italy |

## HONOURS AND AWARDS

[ 08/09/2022 ] **Duke Reading Center Imaging Certificate of Achievement Awarding institution**: Duke Reading Center

Certified to perform SD-OCT Spectralis, OCT-A, ICG, Fluorescein Angiography, and Fundus Color Photography for clinical trials.

[ 03/05/2024 ] **FEBO Certification (Fellow of the European Board of Ophthalmology) Awarding institution**: FEBO

**License to Practice Medicine in USA (ECFMG Certification) Awarding institution**: ECFMG (Educational Commission for Foreign Medical Graduates)

**License to Practice Medicine in UK (GMC Certification) Awarding institution**: GMC (General Medical Council)

## ORAL PRESENTATIONS

### Repeatability of reading performance measures in patients with neovascular age-related macular degeneration and good visual acuity

22nd Euretina Congress 1-4th September 2022 Hamburg

### Repeatability of reading performance measures in patients with neovascular age-related macular degeneration and good visual acuity

Floretina ICOOR Congress 8-11 December 2022 Rome

### Neurophthalmology Clinical Case

Neurooftalmologia alla portata di tutti, 3rd February 2023, Bologna

### OCT biomarkers predicting reading performance in patients with neovascular AMD

Macula in Liguria 2024, 18-19th January 2024 Genova

### OCT biomarkers predicting reading performance in patients with neovascular AMD

National SIR Meeting 15-17th February 2024 Venice

### **Monolateral Optic Nerve Edema**

III National SISO Meeting 18-20th April 2024 Rome

### **Artificial Intelligence applications in wAMD**

III National SISO Meeting 18-20th April 2024 Rome

### **Distinct Pathways of Macular Atrophy in Type 3 Macular Neovascularization Associated with AMD**

24th EURETINA CONGRESS 19-22 September 2024

### **Distinct Pathways of Macular Atrophy in Type 3 Macular Neovascularization Associated with AMD**

Floretina ICOOR Congress 5-7 December 2024 FLORENCE

## **POSTER PRESENTATIONS**

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### **Macular thickness and visual acuity are characterized by a quadratic nonlinear relation in previously treated neovascular AMD eyes: retinal thickness deviation values better predict visual function**

COPHY, Lisbon, 2022

### **OCT Biomarkers Associated with Reading Performance in Patients with Neovascular Age-related Macular Degeneration and Good Visual Acuity**

ARVO 22-27 April 2023 New Orleans

## **PUBLICATIONS**

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### **The Impact of Artificial Intelligence and Deep Learning in Eye Diseases: A Review**

Nuzzi R, Boscia G, Marolo P, Ricardi F.

Front Med (Lausanne). 2021 Aug 30;8:710329. doi: 10.3389/fmed.2021.710329.

### **Precision Medicine in Glaucoma: Artificial Intelligence, Biomarkers, Genetics and Redox State.**

Fea AM, Ricardi F, Novarese C, Cimososi F, Vallino V, Boscia G.

Int J Mol Sci. 2023 Feb 1;24(3):2814. doi: 10.3390/ijms24032814.

### **Hydrus microstent for the treatment of primary open-angle glaucoma: overview of its safety and efficacy**

Fea AM, Ricardi F, Cariola R, Rossi A.

Expert Rev Med Devices. 2023 Jul-Dec;20(12):1009-1025. doi: 10.1080/17434440.2023.2259788.

### **Prevalence and Morphologic Biomarkers of Metamorphopsia in eyes with "Resolved" Chronic Central Serous Chorioretinopathy**

Borrelli E, Barresi C, Battista M, Berni A, Ricardi F, Cascavilla ML, Reibaldi M, Bandello F.

Retina. 2023 Sep 1;43(9):1563-1572. doi: 10.1097/IAE.0000000000003845.

### **Intravitreal DEX Implant for the Treatment of Diabetic Macular Edema: A Review of National Consensus**

Spinetta R, Petrillo F, Reibaldi M, Tortori A, Mazzoni M, Metrangolo C, Gelormini F, Ricardi F, Giordano A. Pharmaceuticals. 2023 Oct 13;15(10):2461. doi: 10.3390/pharmaceutics15102461.

### **Macula-Off Retinal Detachment with Refractory Macular Hole Previously Closed with Autologous Platelet-Rich Plasma: A Case Report**

Parisi G, Ricardi F, Boscia G, Ghilardi A, Gelormini F, Marolo P, Fallico M, D'Antico S, Salafia M, Reibaldi M.

Case Rep Ophthalmol. 2023 Sep 19;14(1):462-468. doi: 10.1159/000530199.

### **INTERSESSION REPEATABILITY OF READING PERFORMANCE MEASURES IN PATIENTS WITH NEOVASCULAR AGE-RELATED MACULAR DEGENERATION**

Boscia G, Ricardi F, Gelormini F, Marica V, Conte F, Ghilardi A, Viggiano P, Marolo P, Bandello F, Borrelli E, Reibaldi M. Retina. 2024 Apr 1;44(4):707-713. doi: 10.1097/IAE.0000000000004015

### **Platelet concentrates in macular hole surgery. A journey through the labyrinth of terminology, preparation, and application: a comprehensive review**

Gelormini F, D'antico S, Ricardi F, Parisi G, Borrelli E, Marolo P, Conte F, Salafia M, Reibaldi M. Graefes Arch Clin Exp Ophthalmol. 2024 Jan 25. doi: 10.1007/s00417-023-06365-x

### **Relationship of Topographic Distribution of Macular Atrophy Secondary to Neovascular AMD and Reading Performance**

Ricardi F, Borrelli E, Boscia G, Gelormini F, Marica V, Conte F, Viggiano P, Marolo P, Bandello F, Reibaldi M. Invest Ophthalmol Vis Sci. 2024 Jan 2;65(1):44. doi: 10.1167/iovs.65.1.44.

### **Pitchfork sign following pars Plana vitrectomy for idiopathic epiretinal membrane: A case report**

Gelormini F, Parisi G, Vallino V, Ricardi F, Marolo P, Borrelli E, Reibaldi M. Eur J Ophthalmol. 2024 Feb 26;11206721241234426. doi: 10.1177/11206721241234426.

### **Platelet rich plasma for primary macular hole: A case series**

Parisi G, Gelormini F, Ricardi F, Borrelli E, Parisi F, Belluardo G, Azzaro L, Marolo P, D'antico S, Salafia M, Reibaldi M. Eur J Ophthalmol. 2024 Feb 29;11206721241234419. doi: 10.1177/11206721241234419.

### **Distinct Pathways of Macular Atrophy in Type 3 Macular Neovascularization Associated With AMD**

Borrelli E, Barresi C, Ricardi F, Berni A, Grosso D, Viggiano P, Marolo P, Introini U, Reibaldi M, Bandello F. Invest Ophthalmol Vis Sci. 2024 Mar 5;65(3):18. doi: 10.1167/iovs.65.3.18

### **Validation of a deep learning model for automatic detection and quantification of five OCT critical retinal features associated with neovascular age-related macular degeneration**

Ricardi F, Oakley J, Russakoff D, Boscia G, Caselgrandi P, Gelormini F, Ghilardi A, Pintore G, Tibaldi T, Marolo P, Bandello F, Reibaldi M, Borrelli E. Br J Ophthalmol. 2024 Mar 14;bj0-2023-324647. doi: 10.1136/bjo-2023-324647

### **Retinal OCT biomarkers associated with reading performance in patients with persistent vs. resolved diabetic macular edema**

Ricardi F, Reccalenda I, Boscia G, Gelormini F, Cimososi F, Novarese C, Marolo P, Parisi G, Bandello F, Borrelli E, Reibaldi M. Eur J Ophthalmol. 2024 Apr 18: doi: 10.1177/11206721241248682.

### **Mucopolysaccharidosis type II B complicated by optic disc swelling, pigmentary retinopathy and macular edema**

**Reference:** Olivieri C, Ricardi F, Coletto A, Marica V, Serafino S, Marolo P, Reibaldi M, Borrelli E

### **Comparison of Functional, Structural, and Microvascular Features in Different Stages of Idiopathic Epiretinal Membrane**

**Reference:** Marolo P, Borrelli E, Caselgrandi P, Parisi G, Gelormini F, Ricardi F, Ceroni L, Fallico M, Toro MD, Ventre L, Reibaldi M

### **Deep Learning in Neovascular Age-Related Macular Degeneration**

**Reference:** Borrelli E, Serafino S, Ricardi F, Coletto A, Neri G, Olivieri C, Ulla L, Foti C, Marolo P, Toro MD, Bandello F, Reibaldi M

### **Macular thickness and visual acuity are characterized by a quadratic nonlinear relation in previously treated neovascular AMD eyes**

**Reference:** Borrelli E, Boscia G, Gelormini F, Ricardi F, Ghilardi A, Marolo P, Parisi G, Fallico M, Lupidi M, Mariotti C, Bandello F, Sadda S, Reibaldi M

### **Vitrectomy in Small idiopathic MACuLar hoLe (SMALL) study: conventional internal limiting membrane peeling versus inverted flap**

**Reference:** Fallico M, Caselgrandi P, Marolo P, Parisi G, Borrelli E, Ricardi F, Gelormini F, Ceroni L, Reibaldi M; SMALL Study Group

### **Interreader and Intermodality Variability in Macular Atrophy Quantification in Neovascular Age-related Macular Degeneration: Comparison of 6 Imaging Modalities**

**Reference:** Borrelli E, Olivieri C, Serafino S, Coletto A, Ricardi F, Neri G, Marolo P, Reibaldi M

### **Safety, Tolerability, and Short-Term Efficacy of Low-Level Light Therapy for Dry Age-Related Macular Degeneration**

**Reference:** Borrelli E, Coco G, Pellegrini M, Mura M, Ciarmatori N, Scordia V, Carnevali A, Lucisano A, Borselli M, Rossi C, Reibaldi M, Ricardi F, Vagge A, Hasanreisoglu M, Kesim C, Demirel S, Yanik Ö, Bernabei F, Rothschild PR, Farrant S, Giannaccare G

### **Vitrectomy in Small idiopathic MACuLar hoLe (SMALL) study: Internal limiting membrane peeling versus no peeling**

**Reference:** Marolo P, Caselgrandi P, Fallico M, Parisi G, Borrelli E, Ricardi F, Gelormini F, Ceroni L, Reibaldi M; SMALL Study Group

### **The no-retina-touch technique: vitrectomy and platelet-rich plasma in the treatment of lamellar macular hole. New insights into pathogenesis**

**Reference:** Ricardi F, Gelormini F, Parisi G, Vallino V, Borrelli E, Marolo P, D'Antico S, Salafia M, Reibaldi M

### **Visual Performance and Predictive OCT Biomarkers in Epiretinal Membrane Assessment: Beyond Distance Visual Acuity**

**Reference:** Gelormini F, Ricardi F, Parisi G, Vallino V, Ghezzi B, Cucciarelli C, Marolo P, Cicinelli MV, Govetto A, Romano MR, Borrelli E, Reibaldi M

## **LANGUAGE SKILLS**

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**Mother tongue(s):** Italian

**Other language(s):**

**English**

**LISTENING C1 READING C1 WRITING C1**

**SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*