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HELSINKI RETINA RESEARCH GROUP
UNIVERSITY OF HELSINKI

UNIVERSITY OF HELSINKI
FACULTY OF MEDICINE

CURRICULUM VITAE

Raimo Tuuminen, MD, PhD, FEBO, EMBA, Adjunct professor (experimental and clinical opthalmology)

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Date and Place of Birth
27 May 1982, Helsinki, Finland



CURRENT POSITION

2019-	Healthcare professional for the Insurance Court
2016-	Chief Physician, Department of Ophthalmology, Kymenlaakso Central Hospital, Hospital District of Helsinki and Uusimaa (HUS) Specific Catchment Area
2015-	Group Leader, Helsinki Retina Research Group, University of Helsinki, Helsinki, Finland

EDUCATION AND TRAINING

2021	Executive Master of Business Administration (EMBA), Aalto University / Helsinki Business School Completed with **grade: High pass / Very good** (**grade: >3.3/4.0**, special emphasis on strategy and operational management)
2021	Special Competence for Medical Education, (pedagogic education 272,5 hours. Courses completed with **grade: 5/5**), University of Helsinki
2016	Fellow of European Board of Ophthalmology (FEBO)
2016	Specialist in Ophthalmology, University of Helsinki
2015	Adjunct professor (experimental ophthalmology), demonstration of teaching skills, Lecture titled: pathogenesis and treatment options for wet age-related macular degeneration, **grade: Very good**, University of Helsinki (2020 update: Adjunct professor; clinical ophthalmology)
2014	Doctoral dissertation, Thesis titled: Microvascular dysfunction in ischemia-reperfusion in cardiac and kidney allografts, opponent: Joren Madsen at Harvard Medical School, **grade: Approved with distinction**, University of Helsinki
2012	Special Competence for General Medical Practice, University of Helsinki
2008	Licentiate of Medicine, University of Helsinki
2004	Bachelor of Medicine, University of Helsinki

MILITARY SERVICE

2002	Military diver
2001	Paratrooper

PREVIOUS PROFESSIONAL APPOINTMENTS

Period	Position
2015-2021	Healthcare professional for the Finnish Patient Insurance Centre (**overall: 246 review**s)
2018	Sevice Manager, Emergency Unit (primary health care), Länsi-Uusimaa Hospital, Hospital District of Helsinki and Uusimaa (HUS)
2014-2016	Acting Chief Physician, Department of Ophthalmology, Kymenlaakso Central Hospital, Hospital District of Helsinki and Uusimaa (HUS) Specific Catchment Area
2011-2017	Head of Department, Emergency Unit (primary health care), Länsi-Uusimaa Hospital, Hospital District of Helsinki and Uusimaa (HUS)
2010-2011	Head of Department, Emergency Unit (primary health care), City of Raseborg
2010	Assigned by the City of Raasepori, Finland to reorganise the emergency services for primary health care in the Hanko, Tammisaari, Karjaa, Inkoo and Pohja region, which resulted in the abolishment of outsourced services based on tendering and in the establishment of an emergency service with some 30 doctors operating under the City of Raasepori

ACADEMIC ACTIVITIES

SUPERVISED THESIS

2023 Claudia Taipale, MD, PhD, University of Helsinki
Optimizing anti-VEGF treatment and quality of life after cataract surgery

2021 Juha-Matti Lindholm, MD, PhD, University of Helsinki
Prevention and treatment of common postoperative complications of cataract surgery

2021 Reeta Danni, MD, PhD, FEBO, University of Helsinki
Cystoid macular oedema after cataract surgery in diabetic patients

2021 Petteri Karesvuo, MD, PhD FEBO, Univeristy of Helsinki
Risk factors for wet age-related macular degeneration

2021 Alexander Aaronson, MD, PhD, FEBO, University of Helsinki
Uncomplicated cataract surgery: Association between aqueous flare and cystoid macular edema

CO-SUPERVISED MASTER'S

2022 Mariana Botrel Cunha, MD, Universidade Estadual Paulista (UNESP), São Paulo, Brazil
Study of frequency and genotyping of Human Papillomavirus in sporadic retinoblastoma biopsies and their respective maternal cervical specimens

PRINCIPAL INVESTIGATOR OF THE CLINICAL TRIALS ON MEDICINES

Clinical trial number 00170, EudraCT 2015-001394-41, Phase IV
Clinical trial number 00171, EudraCT 2015-003162-82, Phase IV
Clinical trial number 00172, EudraCT 2015-003296-30, Phase IV
Clinical trial number 00173, EudraCT 2016-004514-10, Phase IV
Clinical trial number 00174, EudraCT 2016-004515-12, Phase I
Clinical trial number 00175, EudraCT 2015-005313-79, Phase IV
Clinical trial number 00176, EudraCT 2016-004784-40, Phase IV

MEMBER OF THE ADVISORY BOARD / CONSULTANT / CLINICAL TRIAL SUPPORT

Alcon, Fort Worth, TX
Allergan, Dublin, Ireland
Bayer, Leverkusen, Germany
F. Hoffmann-La Roche, Basel, Switzerland
Novartis, Basel, Switzerland
Théa Laboratoires, Clermont-Ferrand, France

ELECTED POSITIONS

Member of Research Committee, Kymenlaakso Central Hospital

Member of Thesis Committee, University of Helsinki

Referee for Docentship, University of Eastern Finland

Referee for Academic Promotion Process, Committee on Clinical Appointments at the Faculty of Medicine in Tel Aviv University, Israel, Academic Promotion at the Faculty of Health Sciences in Ben Gurion University of Negev, Israel

Expert assessment for scientific grant applications, Finnish Cultural Foundation, Finland
The Velux Foundation, Denmark

EDITORIAL BOARD MEMBERSHIPS

2021- Editorial Board Member for Acta Ophthalmologica
2022-2023 Guest Editor for Journal of Clinical Medicine: Special Issues I and II "Cataract Surgery and Postoperative Care"
2023- Guest Editor for Life: Special Issue "Real-world evidence studies on cataract surgery and corneal diseases "

PUBLICATIONS

136 publications in English
- 122 Original articles
  - JAMA
  - JAMA Internal Medicine
  - JAMA Network Open
  - JAMA Ophthalmology
  - Lancet Global Health
  - Circulation (3)
  - Ophthalmology (5)
  - American Journal of Ophthalmology (8)
  - Retina
  - Investigative Ophthalmology and Visual Science
  - Acta Ophthalmologica (23)
  - Journal of Cataract & Refractive Surgery (9)
- 7 Reviews
  - Progress in Retinal and Eye Research
  - American Journal of Ophthalmology
- 7 Editorials
  - American Journal of Ophthalmology

35 manuscripts as a thesis supervisor
55 manuscripts as a first author / corresponding author in a role other than thesis supervisor
46 publications as a co-author

15 publications in Finnish / Swedish, including 2 Scientific Editorials in Finnish Medical Journal

NOMINATIONS AND SOCIETY MEMBERSHIPS

2014 Doctoral Thesis nominated by the Faculty of Medicine, University of Helsinki, for the Finnish Medical Journal's dissertation prize (thesis of the year)

2014- Member of European Society of Cataract & Refractive Surgeons

PERSONAL GRANTS / HRRG PROJECT GRANTS

Aarne Koskelo Foundation
Biomedicum Helsinki Foundation
Chancellor's Travel Grant
Emil Aaltonen Foundation
Ensio Hyvärinen Fund
Evald ja Hilda Nissi Foundation
Finnish Association of Transplant Surgeons
Finnish Cultural Foundation
Finnish Eye Foundation
Finnish Medical Foundation
Finnish Ophthalmological Society
Finnish Society of Angiology
the Friends of the Blind
HUS EVO grant
HUS Specific Catchment Area (ERVA) project grant (EVO315 [8 750€], EVO116 [82 992€], EVO117 [58 100€], ERV499 [5 867€], ERV521 [7 000€], ERV222 [17 000€], ERV423 [11821€])
Ida Montin Foundation
Kidney Foundation
LUX Glaucoma Foundation
Markku ja Sirpa Jalkanen Foundation
Mary and Georg Ehrnrooth Foundation
Maud Kuistila Memorial Foundation
Nordic Novartis Transplantation Award
Orion-Farmos Research Foundation
Paavo Ilmari Ahvenainen Foundation
Paulo Foundation
The Transplantation Society (TTS) Travel Award
The University of Helsinki Medical Fund
Waldemar von Frenckell Foundation

PEDAGOGICAL MATERIALS AND EXPERIENCE

Surgical videos at Helsinki Retina Research Group website (www.hrrg.fi) / Youtube. Over 10000 downloads

Member of the Work Group for National Current Care Guidelines "Wet Age-Related Macular Degeneration" The Finnish Medical Society Duodecim

Compiled "The Guidelines for Emergency Care in Ophthalmology for the Hospital District of Helsinki and Uusimaa (HUS) Specific Catchment Area" distributed to occupational health care providers, health care centres and emergency clinics in the area

2018- Registered mentor for 1 resident for clinical manager studies as a part of their postgraduate professional education

2014- Registered mentor for 16 ophthalmology residents for their specialist training in ophthalmology

2010- Registered mentor for 9 doctors for services in public health stations as a part of their postgraduate professional education

CLINICAL MERITS

SURGICAL EXPERIENCE

- Modern cataract surgery: RLE, toric and multifocal IOLs, minimally invasive glaucoma surgery (MIGS)
- Instructor in cataract surgery for many residents in ophthalmology
- 1000+ cataract surgeries during residency in ophthalmology (e.g. 300+ eyes with pseudoexfoliation)
- 1000+ intravitreal injections during residency in ophthalmology
- 100+ YAG-laser capsulotomies on a single day