

Curriculum Vitae

Personal information **Raúl Alberto Sousa**

Work experience

Technical Advisor, Assistive Technology - Eye Glasses, IICA 3- ECR GVA ATscale - Home Based UNOPS [17 May 2023 – Current]

Country: Switzerland

As part of the ATscale Advisory Group, the incumbents will provide strategic and technical advice and make recommendations on:

- the setting of priorities in alignment with ATscale's overall goals and strategy, including the selection and prioritisation of possible areas for intervention
- the identification of gaps and possible solutions to address them in activities / efforts in the AT sector
- the development of 'living' sector-wide strategies
- the development of ATscale's annual workplan
- the scoping of possible interventions and the specifications for the scopes of work (Terms Of

References(TOR's), calls/requests for proposals or other forms of inviting potential grantees or service providers to submit proposals) both at the global and country level (e.g. country concept notes, global public goods interventions)

- participation in the substantive, systematic, rigorous, detailed and high-quality technical and financial evaluation of proposals received against criteria such as:
 - alignment with the priorities of ATscale
 - coordination with existing and planned activities
 - inclusion of relevant stakeholders (meaningful participation)
 - programmatic merit
 - technical quality
- ATscale's Monitoring, Evaluation and Learning framework and its implementation
- Undertake other related duties as required
- Travel may be required to attend in-person meetings or in-country reviews **Health Technologies, Sub Commission 6 - Ophthalmology, Chairperson**

87th Technical Commission for the Sectorial Standardization, Portuguese Institute of Quality [27 Apr 2023 – Current]

Country: Portugal

The Technical Commission for Standardization (CT) is a technical body that aims at preparing normative documents and issuing normative opinions. The member main activities are:

- Participation in the definition of the standards in the field of medical devices and associated sectors, in ophthalmic optics, optometry and ophthalmology.
- Review of proposed standards;
- Technical and critical evaluation of proposed draft for standards;
- Translation and local adaptation of proposed standards;
- Appointed to several International Standard Organization committees.

Technical Advisor Group - Assistive Technology, Expert

World Health Organization [15 Mar 2022 – Current]

1. To provide independent scientific and technical advice to WHO on methodologies and review of evidence for the development of APL and accompanying tools such as the APS and TAP to support its implementation;
2. To provide recommendations to WHO on the use of the evidence in the aforementioned technical development;
3. To review and make recommendations to WHO on the APL based on available evidence and further identify gaps where more research is needed; and
4. As appropriate, to review and make recommendations to WHO on technical products in development.

Expert Panels in the Field of Medical Devices - Ophthalmology, Expert

European Medicines Agency [3 Mar 2022 – Current]

The main activities and responsibilities are:

- Providing an opinion on the notified bodies' assessments of clinical evaluation of certain high-risk medical devices and the performance evaluation of certain in vitro diagnostic medical devices;
- Providing advice to the Medical Device Coordination Group (MDCG) and the European Medicines Agency concerning safety and performance of medical devices and in vitro diagnostic medical devices;
- Providing advice to manufacturers on their clinical development strategy and proposals for clinical investigations;
- Providing advice to EU countries, manufacturers and notified bodies on various scientific and technical matters;

- Contributing to the development and maintenance of relevant guidance documents, common specifications and international standards;
- Providing opinions in response to consultations from manufacturers, EU countries and notified bodies.

Global Cooperation on Assistive Technology External Review Group - Vision, Expert

World Health Organization [10 May 2021 – Current]

Review and comment on the usability of the tool within personal context of the drafts of the Assistive Technology Impact Assessment (ATA – impact) that will measure the impact of AT on an individual's well-being, quality of life, and participation.

The Assistive Technology Impact Assessment (ATA – impact) will measure the impact of AT on an individual's wellbeing, quality of life, and participation. We are looking for additional members to join our ERG, specifically people with expertise in AT service provision in less-resourced settings, in one or more of the following functional domains: cognition, communication, hearing, vision, mobility and self-care.

Health Technologies, Sub Commission 6 - Ophthalmology, Expert

87th Technical Commission for the Sectorial Standardization, Portuguese Institute of Quality [12 Aug 2020 – Current]

Country: Portugal

The Technical Commission for Standardization (CT) is a technical body that aims at preparing normative documents and issuing normative opinions. The member main activities are:

- Participation in the definition of the standards in the field of medical devices and associated sectors, in ophthalmic optics, optometry and ophthalmology.
- Review of proposed standards;
- Technical and critical evaluation of proposed draft for standards;
- Translation and local adaptation of proposed standards;
- Appointed to several International Standard Organization committees.

Development Group for the Package of Refractive Error Interventions, Expert World Health Organization [7 Jun 2020 – Current]

The development group is responsible for approving eye care interventions for inclusion in the package for Refractive Error and reviewing the resources required for their provision. Under the leadership of the WHO Vision Programme, the Development Group is mandated to:

- Achieve consensus on the inclusion of evidence-based eye care interventions in the PEI for Refractive error. This will require the review of a list of interventions that have identified from high quality clinical guidelines and/or systematic reviews;
- Identify target interventions not yet included in the pre-collated list for consideration;
- Review and agree on the material resources required for the provision of the selected interventions, the time and workforce requirements for their provision, and the service delivery platforms where the interventions should be available.

External Adviser Council, Member

Health Sciences Faculty, University of Beira Interior [30 Nov 2018 – Current]

City: Covilhã

Country: Portugal

Advising, contribution and cooperation provision to the Health Sciences Faculty annual plan of activities, with special focus on the eye care needs of the population and optometric perspective.

Collaborators Network - Global Burden Disease, Member

Institute for Health Metrics and Evaluation [27 Nov 2018 – Current]

Contribute to the Global Burden Disease and affiliated research projects. Namely with:

- Expertise on demography (all-cause mortality, population, fertility, or migration);
- Expertise on specific diseases, injuries, risk factors, or impairments;
- Expertise on the epidemiology for a specific country or countries;
- Expertise in health policy;
- Other skills and expertise as necessary to achieve the aims of the GBD enterprise.

Our Children's Vision Child Protection Working Group, Member

Our Children's Vision NGO [7 Nov 2018 – Current]

Participation and contribution to:

- Draft the child protection policy and minimum standards for the Our Children's Vision campaign;
- Review existing policies of partner organisations to determine if their existing policies meet the minimum requirements;
- Provide other useful resources, guidelines and training materials to help organisations implement such policies and practices;
- Implement strategies to monitor how partners are complying with the child protection and safeguarding practices;

- Developing a standard reporting tool about child protection policy compliance.

Public Affairs and Economic Committee, Member

European Council of Optometry and Optics [16 Oct 2016 – Current]

Participation and contribution within the public and economic perspective to:

- ECOO Position Papers;
- ECOO submissions to EU consultations;
- Guidance or other resource papers for ECOO members.

President

Associação de Profissionais Licenciados de Optometria [20 Mar 2016 – Current] **Country:** Portugal

- Defend public health, eye health and users' right to eye care with safety and quality;
- Promote more and better care for vision health;
- Ensure the development of visual prevention, collaborating with health authorities;
- Defend the ethics and professional qualification of its members;
- Foster and defend the interests of Optometry at all levels, namely by ensuring for the social function, dignity and prestige of Optometry;
- Promote and encourage the scientific development of Optometry;
- Give an opinion on the various matters related to the exercise and optometry training, as well as the organization of the services dealing with this branch of health, whenever deems it convenient to do so with the competent authorities or for these reasons consulted;
- Represent Portuguese Optometrists before the portuguese state authorities and other countries;
- Direct and coordinate the action of the Directive Board;
- Represent APLO;
- Implement the deliberations of the General Assembly and the Disciplinary Council;
- Prepare the Activities Plan and Budget;
- Prepare the Report of Accounts and Activities
- Promote the realization of all activities and convenient for the pursuit of the purposes of APLO association
- Deliberate and proceed to the conclusion of contracts and protocols between APLO and other people, public and private entities;
- Proceed with the necessary acquisitions and authorize the respective expenses;
- Human resources managing;
- Admit any new members;
- Prepare the necessary regulations for the proper functioning of APLO.

Physics and Chemistry High School Teacher

Escola Secundária Carlos Amarante [1 Mar 1995 – 27 Jun 1995]

City: Braga

Country: Portugal

Business or sector: Education

Eleventh grade teacher, participated in the making and correction of the national exams.

Microscopic Analysis Laboratory of Contact Lenses - Technician

Centro de Contactologia de Braga - Óptica Casa Branquinho [1996 – Current]

City: Braga

Country: Portugal

Business or sector: Professional, scientific and technical activities

- Microscopic analysis of deposits and parameters of contact lenses;
- Deposit removal;
- Quality control.

Optometrist

Independent Practice and Employed [8 Jan 1995 – Current]

Country: Portugal

Business or sector: Human health and social work activities

- Centro Óptico de Viana, 1995-1996, 1997-2004;
- Centro Oculista de Caminha, 1996-1997;
- Óptica Casa Branquinho 2000-current;
- Óptica Cerqueira Gomes, 2000-current;
- VianÓptica, Óptica e Centro de Cuidados Visuais, 2008-current.

Expert Panels in the Field of Medical Devices - Ophthalmology, Expert

European Commission [27 Oct 2020 – 2 Mar 2022]

The main activities and responsibilities are:

- Providing an opinion on the notified bodies' assessments of clinical evaluation of certain high-risk medical devices and the performance evaluation of certain in vitro diagnostic medical devices;
- Providing advice to the Medical Device Coordination Group (MDCG) and the European Commission concerning safety and performance of medical devices and in vitro diagnostic medical devices;
- Providing advice to manufacturers on their clinical development strategy and proposals for clinical investigations;
- Providing advice to EU countries, manufacturers and notified bodies on various scientific and technical matters;
- Contributing to the development and maintenance of relevant guidance documents, common specifications and international standards;
- Providing opinions in response to consultations from manufacturers, EU countries and notified bodies.

Invited Reviewer

Journal of Optometry [14 Apr 2017 – 3 Jan 2021]

Country: Spain

- Evaluate article submissions to journals based on the requirements of that journal, predefined criteria, and the quality, completeness and accuracy of the research presented;
- Provide feedback on the paper, suggest improvements, and;
- Make a recommendation to the editor about whether to accept, reject or request changes to the article.

Adviser Council, Member

Health Regulatory Authority [20 Nov 2016 – 3 Mar 2017]

Country: Portugal

Participate in issuing a prior, non-binding opinion on all health regulatory issues regarding ERS regulatory functions, submitted to it by the Board of Directors.

Invited Reviewer

Cogent Mathematics [8 Feb 2016 – 19 May 2016]

- Evaluate article submissions to journals based on the requirements of that journal, predefined criteria, and the quality, completeness and accuracy of the research presented;
- Provide feedback on the paper, suggest improvements, and;
- Make a recommendation to the editor about whether to accept, reject or request changes to the article.

Invited Reviewer

Cogent Psychology [28 Mar 2016 – 3 May 2016]

- Evaluate article submissions to journals based on the requirements of that journal, predefined criteria, and the quality, completeness and accuracy of the research presented;
- Provide feedback on the paper, suggest improvements, and;
- Make a recommendation to the editor about whether to accept, reject or request changes to the article.

Historical Refractive Telescope Restoration - Chief Technician

Carlos e Luís Jerónimo Lda. [14 Jun 2010 – 9 Apr 2012]

City: Braga

Country: Portugal

Technical responsible for the optic restauration of the historic Bom Jesus Telescope known as "O Canudo":

- Recovery of the optical function of a terrestrial viewing telescope, preserving its optical design and specifics;
- Manufacture by C. P. Goerz, around 1919, it has significant historical value to the city and population;
- It involve the determination of all optical parameters and the manufacturing of substitute optical elements;
- The mechanical restoration was done by the remainder of the team.

Computer Programmer

Vision Hydron International [1997 – 1999]

Business or sector: Professional, scientific and technical activities

Authoring and programming in Visual Basic 5.0 "Hydron Calculation Utility." Utility program for clinical practice of Contactology distributed in Portugal.

Design and programming in Visual Basic 6.0 "Hydron Calculation Programme" version 2.4. Utility program with SmartEye technology for clinical practice of contact lens fitting distributed in Europe, South Africa and Middle East

Centro de Contactologia de Braga

[8 Jan 1995 – 31 Dec 1999]

Country: Portugal

Assessment, prescription, therapeutics, and rehabilitation with contact lenses. Focus on keratoconus, corneal transplants, and high refractive errors.

Essentials of Global Health

University of Yale [15 Apr 2023 – Current]

Address: (United States)

Reading glasses - Training in Assistive Products

World Health Organization [Feb 2023]

Glaucoma: A Public Health Approach to Preventing Blindness

London School of Hygiene and Tropical Medicine, U. of London [23 Apr 2023]

Address: (United Kingdom)

Introductions to Assistive Products - Training in Assistive Products *World Health Organization* [Feb 2023]
Magnifiers and telescopes - Training in Assistive Products

World Health Organization [Feb 2023]

Vision Assistive - Assistive Technologies

World Health Organization [Feb 2023]

Continuous Education in Eye Care - Twenty-nine Courses *CyberSight* [2018 – 2021]

Field(s) of study: Health and welfare: *Medical diagnostic and treatment technology*

Global Disability: Research and Evidence

London School of Hygiene and Tropical Medicine, U. of London [26 May 2021 – 2 Jul 2021]

Health Economics and Financing

UNICEF [24 May 2021]

Type of credits: Work Hours – **Number of credits:** 10-15 hours

Health Systems Strengthening

Nossal Institute for Global Health, University of Melbourne and UNICEF [1 Apr 2021]

8 weeks, 3 hours per week

Certificate Course in Community Eye Health

L. V. Prasad Eye Institute [15 Nov 2020 – 11 Dec 2020]

The Role of Diabetes Educator

International Diabetes Federation [6 Nov 2020]

Type of credits: European CME Credit – **Number of credits:** 1

World-wide Experience on COVID-19 in People Living with Diabetes *Harvard Medical School* [4 Jun 2020]
The Telephone & Telemedicine in Clinical Medicine: An Instrument of Opportunity & Risk *Harvard Medical School* [10 Apr 2020]

Type of credits: AMA – **Number of credits:** 3

Ethical and Psychosocial Issues in Management of COVID-19

Harvard Medical School [10 Apr 2020]

Type of credits: AMA – **Number of credits:** 1

Antimicrobial Stewardship: A Competency-Based Approach

World Health Organization [6 Apr 2020]

Infection Prevention and Control (IPC) for Novel Coronavirus (COVID-19) (COVID-19-IPC-EN) *World Health Organization* [6 Apr 2020]

COVID-19: Tackling the Novel Coronavirus

London School of Hygiene and Tropical Medicine [24 Mar 2020]

3 weeks, 4 hours per week

Competency-Based Learning: Introduction

World Health Organization [19 Jan 2020]

Advocacy for Eye Health

World Council of Optometry, Brien Holden Vision Institute [Feb 2019 – Jun 2019]

Type of credits: Work Hours – **Number of credits:** 60

Advocacy for Eye Health: Major topics

- Advocacy planning cycle
- Identifying & prioritising issues to address with advocacy

- Defining the change you want to see
- Engaging stakeholders
- Creating an advocacy plan
- Risk assessment
- Messaging for advocacy campaigns
- Monitoring and evaluation of advocacy
- Duration: 12 week program
- Online work: 36- 60 hours over 12 weeks
- Self- study/Project work: 12- 18 hours

Ophthalmic Epidemiology 2. Application to Eye disease

London School of Hygiene and Tropical Medicine [29 Apr 2019]

Field(s) of study: Health and welfare

4 weeks, 4 hours

Ophthalmic Epidemiology 1. Basic Principles

London School of Hygiene and Tropical Medicine [30 Jan 2019]

Field(s) of study: Health and welfare

3 weeks, 4 hours

Grading Diabetic Retinopathy

University of Melbourne [17 Nov 2018]

Type of credits: Optometric Continuous Education Credits – **Number of credits:** 21

Diabetic Eye Disease: Strengthening Services

London School of Hygiene and Tropical Medicine [3 Nov 2018]

Field(s) of study: Health and welfare

4 weeks, 5 hours per week

Global Blindness: Planning and Managing Eye Care Services London School of Hygiene and Tropical Medicine [26 Sep 2018]

Field(s) of study: Health and welfare

6 weeks, 4 hours per week

Master's in Science Advance Optometry

Department of Physics, School of Science, University of Minho [30 Sep 2013 – 22 Mar 2015]

Address: Braga (Portugal)

Field(s) of study: Natural sciences, mathematics and statistics: *Physics* | Health and welfare: *Health not further defined*

Final grade: 15 – **Level in EQF:** EQF level 7

National classification: 725 – **Type of credits:** ECTS – **Number of credits:** 120 **Thesis:** Professional Activity Report

Specialization in Optometry

Department of Physics, School of Science, University of Minho [31 Aug 1991 – 6 Jan 1995]

Address: Braga (Portugal)

Field(s) of study: Natural sciences, mathematics and statistics: *Physics* | Health and welfare: *Health not further defined*

Level in EQF: EQF level 6

Type of credits: ECTS Equivalence – **Number of credits:** 240

Bachelor's in Science Applied Physics - Optics, (4.5 years, pre-Bolonha)

Department of Physics, School of Science, University of Minho [30 Nov 1989 – 6 Jan 1995]

Address: Braga (Portugal)

Field(s) of study: Natural sciences, mathematics and statistics: *Physics* | Health and welfare: *Health not further defined*

Final grade: 13 – **Level in EQF:** EQF level 6

National classification: 441 – **Type of credits:** ECTS Equivalence – **Number of credits:** 270

Thesis: Corneal Astigmatism compensation with Gas Permeable Rigid and Hydrophilic Contact Lenses **Link:**

Additional information

Publications

[Adolescent transport and unintentional injuries: a systematic analysis using the Global Burden of Disease Study 2019](#)

[2022]

The Lancet Public Health

Write here the description...Globally, transport and unintentional injuries persist as leading preventable causes of mortality and morbidity for adolescents. We sought to report comprehensive trends in injury-related mortality and morbidity for adolescents aged 10–24 years during the past three decades.

Methods

Using the Global Burden of Disease, Injuries, and Risk Factors 2019 Study, we analysed mortality and disability-adjusted life-years (DALYs) attributed to transport and unintentional injuries for adolescents in 204 countries. Burden is reported in absolute numbers and age-standardised rates per 100 000 population by sex, age group (10–14, 15–19, and 20–24 years), and sociodemographic index (SDI) with 95% uncertainty intervals (UIs). We report percentage changes in deaths and DALYs between 1990 and 2019.

Findings

In 2019, 369 061 deaths (of which 214 337 [58%] were transport related) and 31·1 million DALYs ...

[Toward Universal Eye Health Coverage—Key Outcomes of the World Health Organization Package of Eye Care Interventions](#)

[2022]

JAMA Ophthalmology

The Package of Eye Care Interventions may reduce inequities in eye care by enabling countries to identify and incorporate essential eye care interventions into universal health coverage.

[Cuidados para a saúde da visão nos sistemas de saúde: Guia para a ação.](#) [2022]

Eye care in health systems: guide for action, World Health Organization

To address many of the challenges faced in the field of eye care – including inequities in access and lack of integration within the health system – eye care needs to be an integral part of universal health coverage (UHC): all individuals to receive the health services they need, of sufficient quality, without experiencing financial hardship. The concept of UHC is globally adopted as the key guiding principle for health planning. To this end, the Eye care in health systems – guide for action (the Guide) was developed as a manual for health planners. The Guide outlines strategies and approaches proposed by WHO that provide practical, step-by-step support to Member States in the planning and implementation of integrated people-centred eye care (IPEC). Planning periods covered in the Guide include those that are short-term (annual operational planning), as well as mid- to longer term (eye care strategic plans).

[Assessing performance of the Healthcare Access and Quality Index, overall and by select age groups, for 204 countries and territories, 1990–2019: a systematic analysis from the Global Burden of Disease Study 2019](#)

[2022]

The Lancet Global Health

Although major gaps remain across levels of social and economic development, convergence in the young group is an encouraging sign of reduced [disparities](#) in health-care access and quality. However, divergence in the working and post-working groups indicates that health-care access and quality is lagging at lower levels of social and economic development. To meet the needs of ageing populations, health systems need to improve healthcare access and quality for working-age adults and older populations while continuing to realise gains among the young.

[Grand Challenges in global eye health: a global prioritisation process using Delphi method](#)

[2022]

The Lancet Healthy Longevity

We undertook a Grand Challenges in Global Eye Health prioritisation exercise to identify the key issues that must be addressed to improve eye health in the context of an ageing population, to eliminate persistent inequities in health-care access, and to mitigate widespread resource limitations.

[The burden of injury in Central, Eastern, and Western European sub-region: a systematic analysis from the Global Burden of Disease 2019 Study](#)

[2022]

Archives of public health

Injury mortality and DALY rates were highest in Eastern Europe and lowest in Western Europe, although differences in injury DALY rates declined rapidly, particularly in the past decade. The injury DALY rate ratio of highest- and lowest-ranking country declined from 2005 onwards, indicating declining inequalities in injuries between European countries.

[Contribution to Eye care competency framework](#)

[2021]

WHO

The WHO Eye care competency framework (ECCF) is a tool that will provide a set of global comprehensive competencies and activities. This tool will enable planning and development of eye care workforce to be aligned to a recognized standard of competencies and activities and will assist with maintaining an effective eye care workforce in terms of composition, deployment and ongoing availability to meet population needs. The ECCF can be used by education and training institutions, policy-makers and regulation authorities, eye care service providers, and non-governmental organizations. [Package of eye care interventions](#)

[2021]

World Health Organization

The package of eye care interventions (PECI) provides a set of evidenced-based eye care interventions across the continuum of care and the material resources required for implementation. The Peci serves to facilitate policymakers and technical decision-makers in low- and middle-income countries to integrate eye care into the packages and policies of their health services. Service providers can use the Peci to plan and implement eye care interventions in their service programmes; and the donor and development agencies can use it as a blueprint for eye care programmes.

[Causes of blindness and vision impairment in 2020 and trends over 30 years, and prevalence of avoidable blindness in relation to VISION 2020: the Right to Sight: an analysis for the Global Burden of Disease Study](#)

[2020]

The Lancet Global Health

Many causes of vision impairment can be prevented or treated. With an ageing global population, the demands for eye health services are increasing. We estimated the prevalence and relative contribution of avoidable causes of blindness and vision impairment globally from 1990 to 2020. We aimed to compare the results with the World Health Assembly Global Action Plan (WHA GAP) target of a 25% global reduction from 2010 to 2019 in avoidable vision impairment, defined as cataract and undercorrected refractive error.

[Trends in prevalence of blindness and distance and near vision impairment over 30 years: an analysis for the Global Burden of Disease Study](#)

[2020]

The Lancet Global Health

To contribute to the WHO initiative, VISION 2020: The Right to Sight, an assessment of global vision impairment in 2020 and temporal change is needed. We aimed to extensively update estimates of global vision loss burden, presenting estimates for 2020, temporal change over three decades between 1990–2020, and forecasts for 2050.

[Petition 6/XIV/2ª](#)

[2020]

Assembly of the Portuguese Republic

Claiming double unconstitutional omission and action in not proceeding to regulated the optometrist's profession as a healthcare profession.

[Optometrists' Competencies and Professional Profile](#)

[2020]

Associação de Profissionais Licenciados de Optometria

Translation from english to portuguese, adaptation and adoption from the World Health Organization. [Pos COVID-19 and the Portuguese National Eye care System Challenge](#)

[2020]

Journal of Optometry

The optometrist's exclusion from differentiated, multisectoral and multidisciplinary eye care teams remains the main hurdle to overcome and insure universal eye care in Portugal. National Health Service highlights the consequences of an overcome model.

[Colour Vision Screening Guideline](#)

[2020]

Associação de Profissionais Licenciados de Optometria [COVID-19: Optometric Clinical Practice Guidelines](#)

[2020]

Associação de Profissionais Licenciados de Optometria

Contribution to the Economic and Social Eye Health Study – Health Initiative, Nova University Lisbon

[2018]

Associação de Profissionais Licenciados de Optometria, co-author

Contribution to the Public Consultation no. 1/2018 - Draft Regulation for the Transfer of Users between Healthcare Providers Establishments – Health Regulatory Entity [2018]

Associação de Profissionais Licenciados de Optometria, co-author

[Contribution to the World Report on Vision - World Health Organization](#) [2018]

Associação de Profissionais Licenciados de Optometria

[Reviewer of the translation to Portuguese of the document "Why Optometry?", World Council of Optometry](#)

[2018]

Contribution to the Promotion of Automatic Mutual Recognition of Diplomas and Study Periods Abroad – European Commission

[2018]

Associação de Profissionais Licenciados de Optometria, co-author

[Adults Eye Screening Guidelines](#)

[2017]

Associação de Profissionais Licenciados de Optometria

APLO's Proposal for Regulating Optometry - Portuguese Parliament

[2017]

Associação de Profissionais Licenciados de Optometria

Inclusion of Education for Eye Health in Individual and School Development Plan in Portugal [2016]

Associação de Profissionais Licenciados de Optometria

Contribution to Health Literacy Reference Plan of the General-Direction of Health, General-Direction of Education and Intervention Service in Behaviour Additions and Dependencies.

[Health Acts Proposed Law to the Parliament N.º34/XIII/2ª](#) [2016]

APLO

Requested by the Health Parliament Committee about a proposal of law by the Government, which includes a proposal for Optometric Act

APLO'S National Budget Proposal of Law on the Optometric Profession Regulation and Plan for Including Optometrists in the National Health Care Service [2016]

Associação de Profissionais Licenciados de Optometria

Portuguese Government and Parliamentary Parties, from 2016 to 2020

VAT Exemption on Optometric Clinical Services [2016]

Associação de Profissionais Licenciados de Optometria

Portuguese competition regulatory authority

Negligence on not Proceeding to Regulate the Profession of Optometrists [2016]

Associação de Profissionais Licenciados de Optometria

Portuguese Ombudsman

Contribution to the Position Paper: The Practice of Optometric Acts by Orthoptists [2018]

Associação de Profissionais Licenciados de Optometria

Contribution to the Position Paper: Negligence on Proceeding to Regulate the Optometrist Profession - Portuguese Ombudsman

[2017]

Associação de Profissionais Licenciados de Optometria

[Anchor and Adjustment Effects in Clinical Optometric Practice](#) [2016]

Social Science Research Network

The purpose of this study is to determine if the clinical Optometrists' assessment is influenced by the setting of numerical anchor and by the adjustment effect, as it happens with non-professional subjects. [Prime Numbers: A Particle in a Box and the Complex Wave Model](#)

[2015]

Journal of Mathematics Research

It is establish the relationship between this complex wave with a time independent semi-classical harmonic oscillator, in which the spectrum of the allowed energy levels are always only prime numbers. [Norms for the Developmental Eye Movement Test for Portuguese Children](#)

[2011]

Optometry and Vision Science

This work aims to define contemporary scores for the Developmental Eye Movement Test (DEM) for native Portuguese-speaking children (PT) and to compare these scores with three other published scores: the original norms, published in 1987 for American English-speaking children (U.S.) and two other scores published in 1995 (SP1) and 2003 (SP2) for Spanish-speaking children.

[A VDU experimental setup for fixation disparity evaluation](#) [2011]

Proc. SPIE 8001, International Conference on Applications of Optics and Photonics

A new experimental setup for any standard Video Display Unit (VDUET) with dichromatic glasses was developed for fixation disparity (FD) accessing.

[New method for measuring thickness in thin transparent medium](#)

[2011]

Proc. SPIE 8001, International Conference on Applications of Optics and Photonics [Evaluation of discomfort of Goldmann tonometry without anaesthetic](#)

[2010]

Ophthalmic and Physiological Optics

The purpose of this study was to establish whether the discomfort experienced during non-anaesthetic Goldmann Applanation Tonometry (NAGAT) would be acceptable to subjects.

[Contact Lenses Vademecum 2000](#)

[2000]

Book

Detailed reference for all the contact lenses, and its technical specifications, marketed and available in Portugal, during the year 2000.

Projects

Memberships

Member and Founder of the Portuguese Optometric Association, Associação de Profissionais Licenciados de Optometria, Public Utility Entity.

Certificate of Merit - First Rank

LV Prasad Eye Institute [11 Dec 2020]

Community Eye Health Course

Blood Donor Diploma

Portuguese Institute of Blood and Transplantation, Minister of Health [29 Sep 2020] Appreciation recognition for twenty benevolent blood donations.

Fellow

European Academy of Optometry and Optics [21 May 2016] Fellowship awarded in the following category/categories:

- Research (Optics/Optometry/Vision Science);
- Education (Optics/Optometry/Vision Science);
- Professional advancement and/or management of visual healthcare.

Link: <https://eaoo.info/fellows/>

Honorary Distinction for Career and Dedication to Science Communication in Optometry

Associação de Profissionais Licenciados de Optometria [11 Nov 2011]

Best Applications of Optics and Photonics 2011 Communication on Optometry Portuguese Society for Research and Development in Optics and Photonics & APLO [6 May 2011] A VDU experimental setup for fixation disparity evaluation.

Other Relevant Information