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1. INTRODUCTION





Luísa Lobato
DEFI Director

Nephrologist

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Centro Hospitalar Universitário do Porto

Promoting, encouraging, and supporting health scientific research are the main areas of intervention of Department of Education, Training and Research (DEFI) of Centro Hospitalar Universitário do Porto (CHUP). With publication of its scientific yearbook, DEFI intends to internally and externally disseminate the scientific knowledge developed at CHUP and different trends in institutional clinical research.

BOARD MESSAGE

Dear colleagues,

Through publication of its 2018 Scientific Yearbook, DEFI shares its institutional investment in clinical studies and courses, in partnership with academia and R&D units. DEFI remained committed to supporting research and managed institutional financial support bases seeking to facilitate development of innovative projects and improving articulation with hospital departments. DEFI kept a close collaboration with Instituto de Ciências Biomédicas Abel Salazar of the Universidade do Porto, enabling new projects and doctoral studies.

Once again, I must distinguish the dedicated work of those who collected and gathered indicators that made possible the yearbook publication. I would also like to emphasize that 219 CHUP-affiliated articles have been published in 2018 in Medline-indexed journals, with first author from our institution in 117 of cases. The quality of specialty journals should be highlighted, with 31% of articles published in the first quartile of respective scientific area. Overall, the sum of publication Impact Factors (IF) was 944,346, with 79.26 being the highest IF; 18.8% of publications had an IF higher than 5 and 7.3% higher than 10. A total of 120 clinical trials were active during 2018, 8 of which were investigator-initiated studies and 49 observational studies. A total of 252 research projects were submitted to DEFI for scientific appraisal, 154 of which were (pre- and post-graduate) academic projects.

DEFI continued promoting a collaborative culture following guidelines of the Board of Directors, who we thank for its trust. As usual, the yearbook is dedicated to our researchers.

2. SCIENTIFIC ARTICLES



SCIENTIFIC ARTICLES PUBLISHED BY CHUP PROFESSIONALS IN MEDLINE-INDEXED MEDICAL JOURNALS DURING 2018

Collection and analysis of data on the scientific production carried out by CHUP professionals is the responsibility of Scientific Communication and Publication area of the Clinical Research Department of Education, Training and Research (DEFI).

Collection of publication indicators is based on information entered by CHUP professionals in REFI application and on PubMed scientific database search.

Overall, 219 publications with at least one CHUP affiliation were registered in 2018, 117 of which were authored and 102 co-authored by CHUP professionals (Cf. Figure 1). Of the 219 retrieved references, 158 were published in scientific journals with an Impact Factor (IF) higher than zero, according to journal Citation Reports.

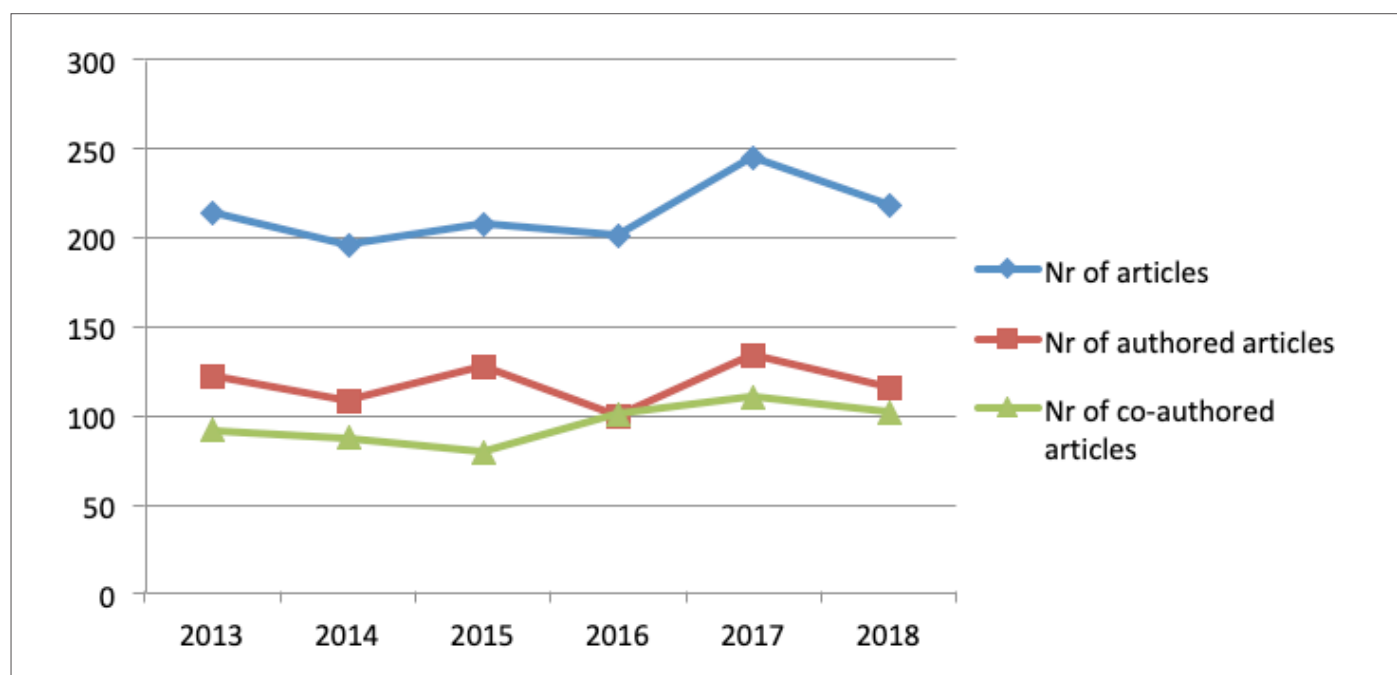


Figure 1 - Evolution of the number of publications (total, authorship, and co-authorship) from DEFI professionals on PubMed since 2013

Overall, CHUP publications reached a 944.346 IF in 2018, accounting for a 34% increase compared to the previous year (Cf. **Figure 2**). Individually, and among authored articles, the highest recorded IF belonged to a study published in the Journal of the American College of Cardiology, with an IF of 16.834.

Regarding co-authored studies, four published in the New England Journal of Medicine, with an IF of 79.26, and one published in the Journal of the American Medical Association (JAMA), with an IF of 47.661, stand out. The average IF of CHUP publications in 2018 was 4.332 considering the total 219 publications or 6.015 considering only the 158 publications with an IF higher than zero.

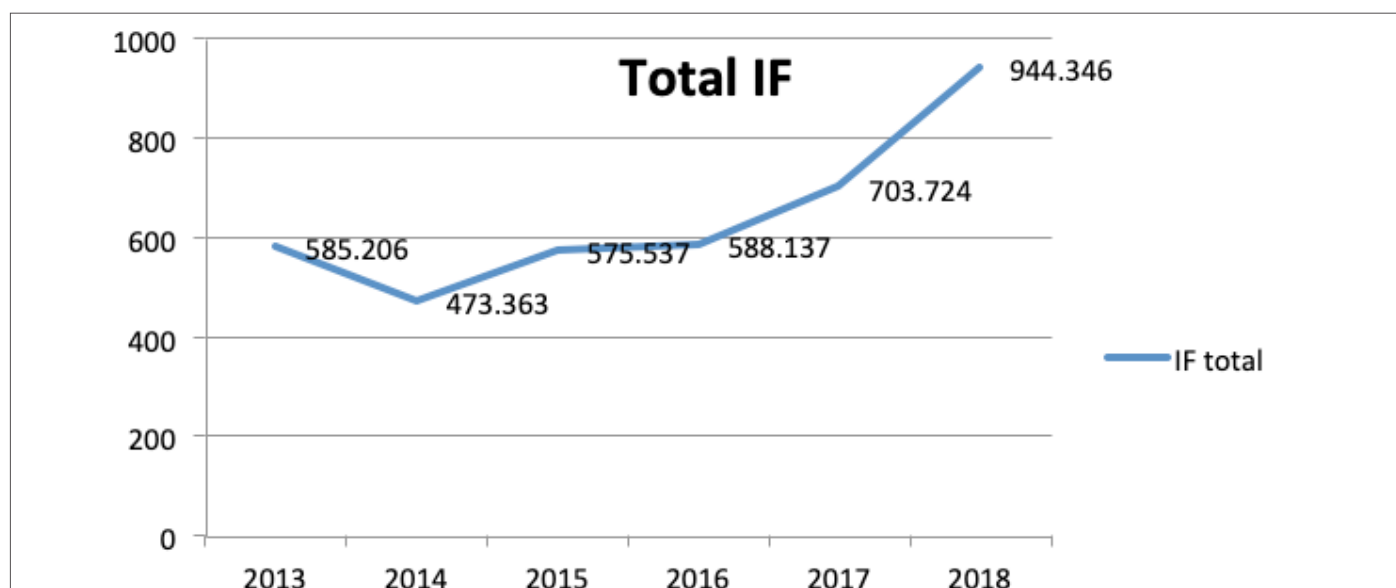


Figure 2 - Evolution of the Impact Factor of Institution's publications since 2013

In 2018, 31% of articles were published in first-quartile journals and 13% in second-quartile journals (see **Figure 3**).

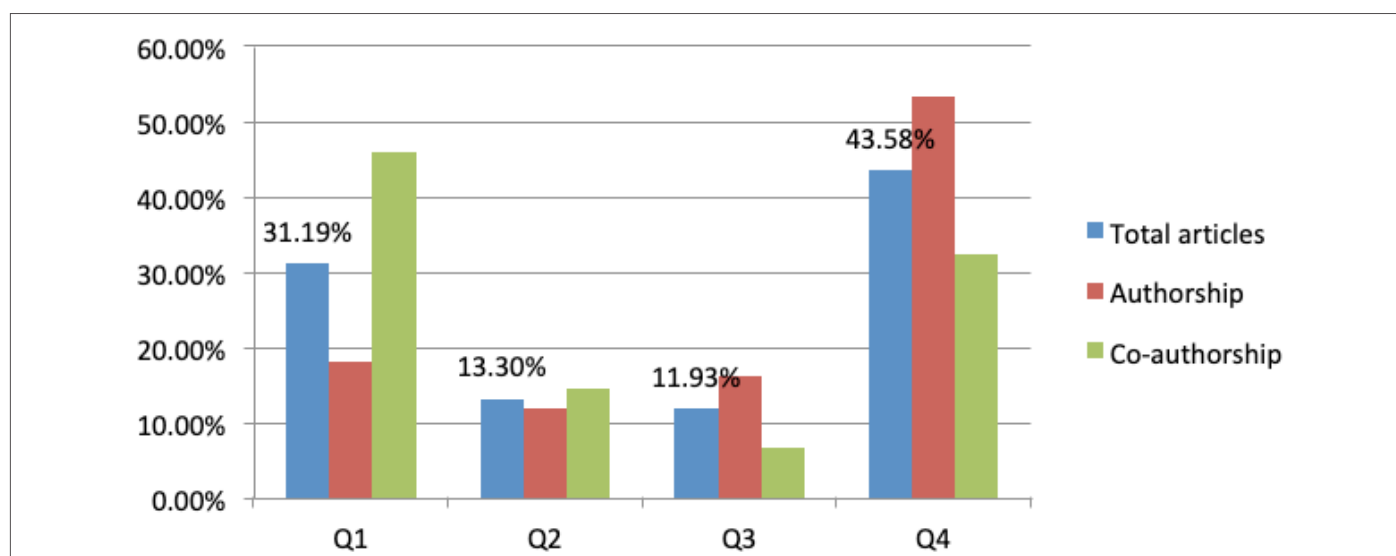


Figure 3 - Distribution of 2018 PubMed publications according to quartile

Data collected since 2013 indicate that the total number of annual publications referenced in PubMed stabilized around two hundred. It also points to an upward curve – steeped over the last two years – regarding the IF sum of journals in which articles were published. These two indicators indicate that the quality of articles published by CHUP professionals has been steadily increasing. Support investment that the Institution has provided in this area, as well as interest and commitment in research and development activities by an increasing number of collaborators, suggest good auspices for future years.

Collection of articles authored or co-authored by CHUP professionals published in PubMed/Medline-indexed scientific journals in 2018 is presented. CHUP-affiliated authors are underlined. Each reference mentions the journal's Impact Factor, as well the corresponding quartile within its category.

1. Abreu AC, Malheiro L, Coelho J, Neves MM, Gomes M, Oliveira L, Menéres P. [Implantation of intracorneal ring segments in pediatric patients: long-term follow-up](#). Int Med Case Rep J. 2018 Feb 7;11:23-27. doi: 10.2147/IMCRJ.S151383. eCollection 2018. PubMed PMID: 29445305; PubMed Central PMCID: PMC5808705. (IF: 0,000 – Q4)
2. Adams D, Gonzalez-Duarte A, O'Riordan WD, Yang CC, Ueda M, Kristen AV, Tournev I, Schmidt HH, Coelho T, Berk JL, Lin KP, Vita G, Attarian S, Planté-Bordeneuve V, Mezei MM, Campistol JM, Buades J, Brannagan TH 3rd, Kim BJ, Oh J, Parman Y, Sekijima Y, Hawkins PN, Solomon SD, Polydefkis M, Dyck PJ, Gandhi PJ, Goyal S, Chen J, Strahs AL, Nochur SV, Sweetser MT, Garg PP, Vaishnav AK, Gollob JA, Suhr OB. [Patisiran, an RNAi Therapeutic, for Hereditary Transthyretin Amyloidosis](#). N Engl J Med. 2018 Jul 5;379(1):11-21. doi: 10.1056/NEJMoa1716153. PubMed PMID: 29972753. (IF: 79,260 – Q1)
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5. Adubeiro N, Nogueira ML, Nunes RG, Ferreira HA, Ribeiro E, La Fuente JMF. [Apparent diffusion coefficient in the analysis of prostate cancer: determination of optimal b-value pair to differentiate normal from malignant tissue](#). Clin Imaging. 2018 Jan - Feb;47:90-95. doi: 10.1016/j.clinimag.2017.09.004. Epub 2017 Sep 8. PubMed PMID: 28917137. (IF: 1,014 – Q4)
6. Aires A, Teixeira MDA, Lau C, Moreira C, Spínola A, Mota A, Freitas I, Coutinho J, Lima M. [A pilot study on the usefulness of peripheral blood flow cytometry for the diagnosis of lower risk myelodysplastic syndromes: the "MDS thermometer"](#). BMC Hematol. 2018 Mar 13;18:6. doi: 10.1186/s12878-018-0101-8. eCollection 2018. PubMed PMID: 29564138; PubMed Central PMCID: PMC5850915. (IF: 0,000 – Q4)
7. Almeida S, Rangel MA, Neiva C, Carrilho I, Leao M, Santos F, Vila Real M. [\[A rare early-onset dystonia \(DYT16\) in a Portuguese girl\]](#). Rev Neurol. 2018 Jun 16;66(12):434. Spanish. PubMed PMID: 29897611. (IF: 0,601 – Q4)
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3. BOOKS AND BOOK CHAPTERS



BOOKS

DIAGNOSTIC AND THERAPEUTIC NEURORADIOLOGY – A CASE-BASED GUIDE TO GOOD PRACTICE

Editors: João Xavier, Cristiana Vasconcelos, Cristina Ramos

Publisher: Springer International Publishing AG

Authors: Adalgisa Dias, Cristina Ramos, Delfina Covini, José Eduardo Alves, Otilia Marrime Farrão, Valentina Ribeiro, *et al.*

GUIA DE ALGALIAÇÃO INTERMITENTE

Editors: B Braun

Publisher: B Braun

Authors: Maria João Andrade

GUIA ORIENTADOR DE BOA PRÁTICA DE REABILITAÇÃO RESPIRATÓRIA

Editors: Ordem dos Enfermeiros

Publisher: Ordem dos Enfermeiros

Authors: Dulce Sofia Ferreira, Alice da Conceição, Luís Jorge Gaspar, Maria do Rosário Sousa, Maria de Fátima Ferreira, Sónia Rocha

GUIA PRÁTICO DE CONTROLO SINTOMÁTICO

Editors: Elga Freire

Publisher: Sociedade Portuguesa de Medicina Interna

Authors: Elga Freire

PENIOPATIA DIABÉTICA

Editors: La Fuente de Carvalho, Nuno Rossano Louro, Javier Angulo Frut

Authors: La Fuente de Carvalho, Nuno Rossano Louro, Javier Angulo Frut

BOOKS CHAPTERS

100 PERGUNTAS CHAVE NA DIABETES

Chapter: Tratamento da diabetes mellitus: do passado ao presente nas terapêuticas injetáveis

Editors: José Luís Medina

Publisher: Permanyer Portugal

Authors: Jorge Does

100 PERGUNTAS CHAVE NA ESCLEROSE MÚLTIPLA

Chapter: Etiopatogenia da Esclerose Múltipla

Publisher: Sociedade Portuguesa de Neurologia

Authors: Andreia Bettencourt, Ana Martins da Silva

2nd PEDIATRIC NEPHROLOGY EXPERT ONLINE COURSE

Chapter: Chronic Kidney Disease – Clinical manifestations and Treatment

Editors: Juan David Gonzalez Rodriguez, Fernando Santos

Publisher: Oviedo University

Authors: Ana Teixeira, Alberto Caldas Afonso

2nd PEDIATRIC NEPHROLOGY EXPERT ONLINE COURSE

Chapter: Mechanisms of Progression of Chronic Kidney Disease

Editors: Juan David Gonzalez Rodriguez, Fernando Santos

Publisher: Oviedo University

Authors: Ana Teixeira, Alberto Caldas Afonso

DMI (Degenerescência Macular da Idade) - 25 perguntas 25 respostas

Chapter: Atrofia geográfica: diagnósticos diferenciais

Editors: Grupo de Estudos da Retina Portugal

Publisher: Grupo de Estudos da Retina Portugal

Authors: Miguel Lume, Maria João Furtado

DMI (Degenerescência Macular da Idade) - 25 perguntas 25 respostas

Chapter: O diagnóstico da Atrofia Geográfica: quais os achados no OCT e no OCTA?

Editors: Grupo de Estudos da Retina Portugal

Publisher: Grupo de Estudos da Retina Portugal

Authors: Bernardete Pessoa, Angelina Meireles

DMI (Degenerescência Macular da Idade) - 25 perguntas 25 respostas

Chapter: Há perspectivas de tratamento da DMI atrófica?

Editors: Grupo de Estudos da Retina Portugal

Publisher: Grupo de Estudos da Retina Portugal

Authors: Angelina Meireles, Bernardete Pessoa

ENCICLOPÉDIA LUSO-BRASILEIRA DE CUIDADOS PALIATIVOS

Chapter: Sintomas Psiquiátricos em Cuidados Paliativos

Editors: Rui Nunes, Francisca Rego, Guilhermina Rego

Publisher: Almedina

Authors: Filipa Martins Silva

PRESBIOPIA SPO

Chapter: O olho dominante, o estrabismo e a ambliopia e a cirurgia refrativa

Editors: Sociedade Portuguesa de Oftalmologia, CIRP, THEA

Publisher: Sociedade Portuguesa de Oftalmologia

Authors: Ana Carolina Abreu, Miguel Lume, Ricardo Parreira, Pedro Menéres

PRESBIOPIA SPO

Chapter: Complicações de Lentes multifocais

Editors: Sociedade Portuguesa de Oftalmologia, CIRP, THEA

Publisher: Sociedade Portuguesa de Oftalmologia

Authors: Maria do Céu Pinto, João Coelho

SISTEMA RESPIRATORIO – MÉTODOS FISIOTERAPIA CLÍNICA Y AFECCIONES PARA FISIOTERAPIA

Chapter: Fisioterapia en un caso de neumonía. Aplicación de la Clasificación Internacional del Funcionamiento, la Discapacidad y la Salud (CIF)

Editor: Jesús Seco Calvo

Publisher: Editorial Médica Panamericana

Authors: José Luís Sousa, V. Abreu, S. Lopes

PRINCÍPIOS DA NEFROLOGIA

Chapter: Transplante para o paciente diabético

Editor: Miguel Carlos Riella

Publisher Guanabara Koogan

Authors: Irene L. Noronha, Adriano Miziara González e La Salete Martins

4. ACADEMIC EXAMS



DOCTORAL THESES

Five CHUP professionals obtained their doctoral degree in 2018. Doctoral theses were in Medical Sciences (4) and Medicine (1) scientific areas.

Joaquim Jorge dos Anjos Malheiro

Medical doctor at Department of Nephrology

Title: *Clinical management of anti-HLA and non-HLA antibodies for the improvement of outcomes in kidney transplantation*

Scientific area: Medical Sciences

Institution: Instituto de Ciências Biomédicas Abel Salazar da Universidade do Porto

Graduation date: September 14, 2018

Maria Alice Soares Lopes

Medical doctor and Director of Department of Psychiatry and Mental Health

Title: *Dinâmicas familiares, psicopatologia e vinculação em doentes com polineuropatia amiloidótica familiar*

Scientific area: Medical Sciences

Institution: Instituto de Ciências Biomédicas Abel Salazar da Universidade do Porto

Graduation date: July 17, 2018

Maria Ernestina Azevedo Moreira dos Santos

Medical doctor at Department of Neurology

Title: *Myasthenia gravis in the north of Portugal: epidemiological, clinical and serological study and immunopathology of the thymus*

Scientific area: Medical Sciences

Institution: Instituto de Ciências Biomédicas Abel Salazar da Universidade do Porto

Graduation date: April 9, 2018

Pedro Filipe Ferreira Cardoso

Medical doctor at Department of Orthopedics

Title: *A biopsia percutânea nos tumores ósseos e de tecidos moles como elemento diagnóstico suficiente e alternativo à biopsia cirúrgica incisional*

Scientific area: Medical Sciences

Institution: Instituto de Ciências Biomédicas Abel Salazar da Universidade do Porto

Graduation date: March 19, 2018

Ricardo Jorge Ferreira Taipa

Medical doctor at Department of Neurosciences

Title: *Neuroinflammation in the progression of young and late onset Alzheimer's disease: a multimodal analysis*

Scientific area: Medicine

Institution: Life and Health Sciences Research Institute of Universidade do Minho (ICVS/UM)

Graduation date: January 16, 2018

5. SOLLARI ALLEGRO AWARDS



Sollari Allegro Awards represent CHUP stimulus for teaching, training, and research activities. Overall, nine Sollari Allegro Awards have been granted to CHUP Departments and authors of original articles deemed relevant to the Institution.

DEPARTMENTS WITH MOST RELEVANT TEACHING, TRAINING, AND RESEARCH ACTIVITY

AWARDS

Medical Genetics Center
Department of Ophthalmology

HONORABLE MENTIONS

Department of Nephrology
Department of Food and Nutrition
Department of Pediatrics

BEST PUBLISHED ARTICLES

AWARDS

Marisa Gomes Domingues dos Santos Saraiva. Department of Surgery

Santos MD, Silva C, Rocha A, Nogueira C, Castro-Poças F, Araujo A, Matos E, Pereira C, Medeiros R, Lopes C. *Predictive clinical model of tumor response after chemoradiation in rectal cancer*. *Oncotarget*. 2017 Jul 28;8(35):58133-58151.

Maria Manuela França Oliveira. Department of Radiology. Imaging Center for Diagnosis and Intervention

França M, Alberich-Bayarri Á, Martí-Bonmatí L, Oliveira P, Costa FE, Porto G, Vizcaíno JR, Gonzalez JS, Ribeiro E, Oliveira J, Pessequeiro Miranda H. *Accurate simultaneous quantification of liver steatosis and iron overload in diffuse liver diseases with MRI*. *Abdom Radiol (NY)*. 2017 May;42(5):1434-1443.

HONORABLE MENTIONS

Luísa Maria Correia Lopes Lobato. Department of Nephrology; Department of Education, Training and Research

Tavares I, Oliveira JP, Pinho A, Moreira L, Rocha L, Santos J, Pinheiro J, Costa PP, Lobato L. *Unrecognized Fibrinogen A α -Chain Amyloidosis: Results From Targeted Genetic Testing*. *Am J Kidney Dis*. 2017 Aug;70(2):235-243.

José Augusto de Soveral Torres Lopes dos Santos. Department of Pediatric Surgery

Lopes-Santos JA, Martins C, La Fuente JM, Costa-Carvalho MF. *A novel approach for classifying protruding ears is easy to calculate and implement in daily clinical practice*. *Acta Paediatr*. 2017 Sep;106(9):1525-1530.

6. MERIT ACKNOWLEDGMENT



INTERNAL ENTITY AWARDS

Best Poster at the XLVII Doctor Jacinto Magalhães Genetic Conferences

Entity: Medical Genetics Center

Presentation type: Poster

Title: *Maturity-Onset Diabetes of the Young (MODY): Clinical and Genetic Spectrum*

Authors: Mariana Branco, Tânia Lopes, Juliana Maciel, Joana Freitas, Maria João Oliveira, Teresa Borges

Department: Medical Genetics Center

Best CMIN Summit'18 Poster

Entity: Centro Materno-Infantil do Norte

Recognition: Honorable Mention

Presentation type: Poster

Title: *Incontinência Urinária como um sinal de Síndrome Genitourinário da Menopausa*

Authors: Rafael Brás; Ana Filipa Rafael; Maria João Carinhas; Olinda Rodrigues; Alexandre Morgado

Department: Gynecology and other institutions

Best CMIN Summit'18 Oral Presentation

Entity: Centro Materno-Infantil do Norte

Recognition: Winner

Presentation type: Oral Presentation

Title: *Morbilidade e mortalidade perinatal na Restrição de Crescimento Fetal precoce? Casuística de 5 anos de um centro terciário*

Authors: Diana Martins, Cristina Dias, Jorge Braga

Department: Obstetrics

Manuel de Lemos

Recognition: Winner

Presentation type: Oral Presentation

Title: *Roturas do globo ocular no Centro Hospitalar Universitário do Porto – 15 anos em análise*

Authors: João Coelho, Ana Marta Nisa Silva, Nuno Correia, Bernardete Pessoa, Natália Ferreira, João Melo Beirão, Angelina Meireles

Department: Ophthalmology

Best CMIN Summit'18 Poster

Entity: Centro Materno-Infantil do Norte

Recognition: Winner

Presentation type: Poster

Title: *Food protein-induced enterocolitis syndrome: experience of a pediatric Gastroenterology Unit*

Authors: Inês Falcão, Fábio Barroso, Andreia Ribeiro, Helena Silva, Gisela Silva, Isabel Guerra, Marta Tavares, Ermelinda Santos Silva, Rosa Lima

Department: Pediatrics

Best CMIN Summit'18 Poster

Entity: Centro Materno-Infantil do Norte

Recognition: Honorable Mention

Presentation type: Poster

Title: *Immunosuppressive Therapy in Nephrotic Syndrome: What's new?*

Authors: Inês Falcão; Tânia Lopes; Liliana Rocha; Maria do Sameiro Faria; Teresa Costa; Maria Conceição Mota

Department: Pediatrics

Best CMIN Summit'18 Poster

Entity: Centro Materno-Infantil do Norte

Recognition: Honorable Mention

Presentation type: Poster

Title: *Quisto sacrococcígeo – Tratamento endoscópico versus cirurgia conservadora. Intervenções de Enfermagem*

Authors: Ana Maria Santos Silva Trindade; Florbela Dalma Mesquita Cunha; Maria Lúcia Veloso Fonseca; Nuno Manuel Reis Costa

Department: Pediatrics

Best CMIN Summit'18 Oral Presentation

Entity: Centro Materno-Infantil do Norte

Presentation type: Oral Presentation

Title: *Cardiac arrest as a form of presentation of mitochondrial disorders*

Authors: Margarida Coelho, Joana Correia, Anabela Bandeira, Esmeralda Martins

Department: Pediatrics

Best CMIN Summit'18 Oral Presentation

Entity: Centro Materno-Infantil do Norte

Recognition: Winner

Presentation type: Oral Presentation

Title: *Neonatal non-invasive ventilation in Pierre-Robin sequence: a case series*

Authors: Joanna Ashworth; Bebiana Sousa; Dulce Gouveia; Ana C. Freitas; Manuel Ferreira-Magalhães; Ana Ramos; Lurdes Morais

Department: Pediatrics, Child Psychiatry and other Institutions

Best Oral Presentation at the XLVII Doctor Jacinto Magalhães Genetic Conferences

Entity: Doctor Jacinto Magalhães Genetic Conferences 2018

Recognition: Winner

Presentation type: Oral Presentation

Title: *Thyroid Dysfunction - Results of a Multisystemic Evaluation of Mitochondrial Disorders*

Authors: Margarida Coelho, Joana Correia, Anabela Bandeira, Esmeralda Martins

Department: Pediatrics

Best CMIN Summit'18 Oral Presentation

Entity: Centro Materno-Infantil do Norte

Recognition: Honorable Mention

Presentation type: Oral Presentation

Title: *Disorders of Sex Development – ten years' experience of a tertiary pediatric center*

Authors: Catarina Matos de Figueiredo, Sara Leite, Joana Freitas, Maria João Oliveira, Cidade Rodrigues, Teresa Borges

Department: Pediatrics and Pediatric Surgery

EXTERNAL ENTITY AWARDS

TOP 5 '18: Hospital Excellency

Entity: IASIST

Recognition: Centro Hospitalar Universitário do Porto Winner

26th UEG WEEK 2018 Travel Grant

Entity: United European Gastroenterology

Recognition: Travel Grant

Presentation type: Poster

Title: *The role os stoma for colonic and perianal Crohn's disease in the biological era*

Authors: Anabela Rocha, Paula Lago, Cidalina Caetano, Marta Rodrigues, Daniela Ferreira, João de Sousa, Marta Rocha, Isabel Pedroto

Department: Gastroenterology

Best Poster and Free Presentation

Entity: 8th Meeting of the Portuguese Society of Contraception

Recognition: Best Free Presentation

Presentation type: Presentation

Title: *Métodos contraceptivos antes e após a interrupção da gravidez por opção da mulher: estudo comparativo da casuística de 2012 e 2017 de um centro terciário*

Authors: Jorge Braga, Tânia Lima, Diana Martins, Cristiana Moreira, Tânia Barros, Joana Santos, Andrea Lebre

Department: Gynecology

Best Case Report at Spring Meeting of the Multiple Sclerosis Study Group

Entity: Multiple Sclerosis Study Group

Recognition: Best Case Report

Presentation type: Case Report

Title: *Cadasil e Esclerose Múltipla*

Authors: Carlota Cunha, Sara Duarte, Margarida Calejo, Paula Salgado, Andreia Bettencourt, Rui Felgueiras, Ernestina Santos, Ana Martins da Silva

Department: Neurology

Best Oral Presentation

Entity: Ramón Castroviejo Ophthalmological Research Institute

Recognition: Honorable Mention

Presentation type: Oral Presentation

Title: *Chronic Diabetic Macular Edema in Vitrectomized Patients – Comparative Analysis of Two Intravitreal Implants*

Authors: João Coelho, Bernardete Pessoa, Angelina Meireles

Department: Ophthalmology

Best Case Report – Annual Meeting of Ophthalmology Interns

Entity: Portuguese Society of Ophthalmology

Recognition: Winner

Presentation type: Oral Presentation

Title: *Blackout*

Authors: Vânia Lages, Mafalda Macedo, Angelina Meireles
Department: Ophthalmology

Photography Corner

Entity: Joint meeting of the Portuguese Retina and Vitreous Group and the Spanish Retina and Vitreous Society
Recognition: Winner
Presentation type: Image
Title: “Smoggy Planet”- Linfoma Uveal
Authors: Ana Marta, António Friande, Maria Araújo
Department: Ophthalmology

Theà Trophy Contest: Best National Cases

Entity: Laboratoires Theà
Recognition: Winner
Presentation type: Case Report
Title: Neurotrophic keratitis, when less is more – the role of preservative-free artificial tears
Authors: Pedro Manuel Baptista
Department: Ophthalmology

Pierre-Fabre/SPP Awards

Entity: Portuguese Society of Pediatrics
Recognition: Winner
Presentation type: Poster
Title: *What is causing acute Interstitial Nephritis in the Pediatric Age Group? – The experience of a third level Hospital*
Authors: Inês Maio, Liane Correia-Costa, Teresa Costa, Conceção Mota
Department: Pediatrics

Pierre-Fabre/SPP Awards

Entity: Portuguese Society of Pediatrics
Recognition: Winner
Presentation type: Poster
Title: *Nephrotic Syndrome in Pediatrics – 20 Years Follow Up*
Authors: Cristina Madureira, Sara Rolim, Tânia Lopes, Inês Falcão, Cláudia Melo, C. Miguel, Paula Matos, P. Teixeira
Department: Pediatrics and other institutions

Pierre-Fabre/SPP Awards

Entity: Portuguese Society of Pediatrics
Recognition: Winner
Presentation type: Article
Title: *O Que Sabem os Pais Sobre o Tratamento de Queimaduras*
Authors: Fábio Barroso, Ana Lachado, Ana Reis e Melo, Fátima Pinto
Department: Pediatrics and other institutions

European Academy of Neurology – Investigator Award Winners 2018

Entity: European Academy of Neurology
Recognition: Winner
Presentation type: Oral presentation

Title: *Validity and reliability of the Transthyretin Amyloidosis Neuropathy score (TTR-ANS), a new outcome measure designed specifically for Familial Amyloid Polyneuropathy (TTR-FAP)*

Authors: Teresa Coelho

Department: Corino de Andrade Unit

Pierre-Fabre/SPP Awards

Entity: Portuguese Society of Pediatrics

Recognition: Winner

Presentation type: Oral presentation

Title: *Necrotizing Enterocolitis in a Neonatal Intensive Care Unit*

Authors: Mariana Branco, Inês Falcão, Tânia Lopes, Elisa Proença, Alexandra Almeida, Carmen Carvalho, Liliana Pinho

Department: Neonatology and Pediatric Intensive Care

Pierre-Fabre/SPP Awards

Entity: Portuguese Society of Pediatrics

Recognition: Winner

Presentation type: Oral Presentation

Title: *DOT in HIV infection – an option for non-compliant teenagers?*

Authors: Margarida Coelho, Luísa Caldas, Laura Marques

Department: Pediatrics

Pierre-Fabre/SPP Awards

Entity: Portuguese Society of Pediatrics

Recognition: Winner

Presentation type: Poster

Title: *Digeorge Syndrome – The Experience of a Portuguese Centre*

Authors: Ana Lachado, Alexandre Fernandes, Carla Teixeira, Laura Marques

Department: Pediatrics

Best Oral Presentation at the XLVII National Neonatology Days

Entity: Portuguese Society of Neonatology

Recognition: Winner

Presentation type: Oral Presentation

Title: *Surfactante por técnica minimamente invasiva em recém-nascidos pré-termo - experiência de um centro terciário*

Authors: Daniel Meireles, Luísa Neiva Araújo, Marta Nascimento, Liliana Pinho, Ana Cristina Freitas, Alexandra Almeida, Carmen Carvalho, Elisa Proença

Department: Neonatology and Pediatric Intensive Care

7. RESEARCH GRANTS AWARDED BY CHUP



Intramural grants annually attributed by CHUP provide an incentive for research. To identify and promote promising scientific initiatives of value, CHUP Fellowship and Prize Committee scrutinizes basic, clinical, and translational research projects presented by teams and research groups working at the Hospital Centre, as well as doctoral projects of CHUP professionals. Herein are presented those that were granted financial support in 2018.

RESEARCH PROJECT FUNDING

Teresa Maria Pereira Padrão Temudo, Department of Neuropediatrics

Caracterização clínica e genética das paraparésias espásticas hereditárias com início em idade pediátrica na população portuguesa

FUNDING OF ACADEMIC WORK INCLUDED IN DOCTORAL THESES

Ana Manuela Fernandes Teixeira França, Department of Pediatrics, Pediatric Nephrology Unit

Diabetic Kidney Disease - Research for Early Clinical and Biochemical Markers

Manuel Antonielo Castanheira de Oliveira, Department of Urology

Estudo de Biomarcadores moleculares em fluídos biológicos na neoplasia do urotélio

Cristina Maria Giesta Ramos, Department of Neuroradiology

Language plasticity in neurological diseases: a diffusion tensor imaging (DTI) analysis

Diogo José Nunes Carneiro, Department of Urology

Biomarcadores em circulação de doentes com cancro da próstata submetidos a cirurgia potencialmente curativa: valor preditivo e prognóstico

8. RESEARCH FELLOW GROUP



Fundação para a Ciência e Tecnologia (FCT) endorsed CHUP as a host institution for research fellows. The Research Fellow Group is based at DEFI and supported by CHUP's Research and Development Fund. R&D fellows developed their projects in the following areas:

DEPARTMENT OF EDUCATION, TRAINING AND RESEARCH

Clinical Research Service

Alexandra Raquel Moraes da Costa Carvalhais
Andrea Carolina da Silva Buschbeck
Cristina Caetano Carvalho
Joana Maria Ferreira Tuna
João Nuno Rodrigues Azevedo
Rui Amâncio Silva Fonseca

DEPARTMENT OF MEDICINE

Department of Dermatology

Dina Maria Abade Lopes (Dermatology, 50%; Neurology, 50%)

Clinical Immunology Unit

Ana Isabel Granja Tavares

DEPARTMENT OF NEUROSCIENCES

Department of Neurology

Dina Maria Abade Lopes (Dermatology, 50%; Neurology 50%)

Corino de Andrade Unit

Alexandra Adriana Moreira de Sousa
Carla Sofia Correia Rodrigues
Inês Sofia Afonso Cardoso
João Anselmo Ribeiro Felgueiras
Kátia Isabel Xavier Valdrez
Maria José Gomes Pedroto
Marta Sofia Gonçalves Solha Novais

Corino de Andrade Unit

Inês Calado Reis

PHARMACEUTICAL SERVICES

Clinical Trial Functional Unit

Helena Sofia Pires Pinheiro

9. SCIENTIFIC AND TECHNOLOGICAL POTENTIAL



Official national R&D statistics are generated from the National Scientific and Technological Potential Survey (IPCTN) on Companies, State, Higher Education, and IPSFL. IPCTN estimates human resources and R&D expenditure following criteria agreed at the European level by EUROSTAT in conjunction with OECD. Relevance of this survey for acknowledgment of Portuguese institutions in the international context is well recognised. Table shows CHUP continuous progress, favorable to clinical research.

Progress of IPCTN indicators in CHUP from 2015 to 2017

CHUP IPCTN	2015	2016	2017
No. of Units surveyed	63	62	60
No. of Units with R&D activities (n, %)	42 (64%)	41 (66%)	41 (68%)
No. of Professionals	477	593	616
Nº of Investigators (FTE)	72,5	72,5	83,2
% Average time allocated to R&D activities	15,00%	15,00%	15,00%
Intramural expenditure (€)	8.204.554€	8.171.072€	8.892.000€

FTE) – Full-time equivalent

Source: DGEEC/MEC

10. RESEARCH STUDIES



Herein are presented the clinical trials, observational studies, and medical device studies in progress or completed during 2018.

CLINICAL TRIALS

PRINCIPAL INVESTIGATOR	TITLE	PHASE	EUDRACT	SPONSOR
ANESTHESIOLOGY				
José Romão	A double-blind, placebo-controlled, randomized dose ranging trial to determine the safety and efficacy of three dose levels of EMA401 in reducing 24-hour average pain intensity score in patients with post-herpetic neuralgia (EMPHENE)	II	2016-000280-16	Novartis
DERMATOLOGY				
Tiago Torres	Long term clear skin maintenance treatment optimization in patients with moderate to severe chronic plaque psoriasis: A randomized, multicenter, open-label with blinded-assessment, comparative, 52 week study to evaluate the efficacy, safety and tolerability of secukinumab 300 mg s.c	III	2014-005339-15	Novartis
Tiago Torres	An open-label, prospective, non-randomized, multicenter study to evaluate clear skin effect on health-related quality of life outcomes at 16 and 52 weeks in patients with moderate to severe plaque psoriasis treated with secukinumab 300 mg s.c. with or without previous exposure to systemic therapy	IV	2015-003701-42	Novartis
Tiago Torres	A multicenter, open Label study to assess the safety and efficacy of risankizumab for Maintenance in moderate to severe plaque type psoriasis (LIMMITLESS)	III	2016-003046-87	AbbVie
ENDOCRINOLOGY				
Fátima Borges	A phase IIIb multicenter, open-label, single arm study to evaluate the efficacy and safety of pasireotide in patients with acromegaly inadequately controlled with first generation somatostatin analogues	III	2014-002630-31	Novartis
Helena Cardoso	A Randomized, Double-blind, Placebo-controlled, Parallel-group, Multicenter Study to Demonstrate the Effects of Sotagliflozin on Cardiovascular and Renal Events in Patients with Type 2 Diabetes, Cardiovascular Risk Factors and Moderately Impaired Renal Function	III	2017-002644-32	Sanofi
Helena Cardoso	Effect and safety of semaglutide 2,4 mg once-weekly in subjects with overweight or obesity who have reached target dose during run-in period	III	2017-003473-34	Novo Nordisk

Jorge Dóres	A Phase III, randomised, double blind, placebo-controlled, parallel group, efficacy, safety and tolerability trial of once daily, oral doses of Empagliflozin as Adjunctive to insulin therapy over 26 weeks in patients with Type 1 Diabetes Mellitus (EASE-3)	III	2014-005256-26	Unifarma
Rui Carvalho	A randomized, double-blind, placebo-controlled, parallel-group, multicenter, event-driven Phase III study to investigate the efficacy and safety of finerenone on the reduction of cardiovascular morbidity and mortality in subjects with type 2 diabetes mellitus and the clinical diagnosis of diabetic kidney disease in addition to standard of care	III	2015-00950-39	Bayer
GASTROENTEROLOGY				
José Manuel Ferreira	A Phase 3, Double-Blind, Randomized, Long-Term, Placebo-Controlled, Multicenter Study Evaluating the Safety and Efficacy of Obeticholic Acid in Subjects with Nonalcoholic Steatohepatitis	III	2015-002560-16	Intercept
Paula Lago	Study of Treat to Target Versus Routine Care Maintenance Strategies in Crohn's Disease Patients Treated with Ustekinumab.	III	2016-002918-43	Janssen
Ricardo Marcos Pinto	Comparative efficacy of N-acetylglucosamine and Mesalazine in adult patients with ulcerative colitis: a double blind, placebo controlled trial	III	2017-004427-69 †	Centro Hospitalar Universitário do Porto
GINECOLOGY				
Hélder Ferreira	SPIRIT 1: An International Phase 3 Randomized, Double-Blind, Placebo-Controlled Efficacy and Safety Study to Evaluate Relugolix Administered with and without Low-Dose Estradiol and Norethindrone Acetate in Women with Endometriosis-Associated Pain.	III	2017-001588-19	Myovant Sciences GmbH
Hélder Ferreira	SPIRIT EXTENSION: An International Phase 3 Open-Label, Single-Arm, Safety and Efficacy Extension Study to Evaluate Relugolix Co-Administered with Low-Dose Estradiol and Norethindrone Acetate in Women with Endometriosis-Associated Pain	III	2017-004066-10	Myovant Sciences GmbH
HEMATOLOGY				
Cristina Gonçalves	A multicenter, single-arm, open-label study with Pomalidomide in combination with low dose Dexamethasone in subjects with refractory or relapsed and refractory multiple myeloma	III	2012-001888-78	Celgene

Cristina Gonçalves	A Phase 3, Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Efficacy and Safety of Idelalisib (GS-1101) in Combination with Bendamustine and Rituximab for Previously Treated Chronic Lymphocytic Leukemia	III	2011-006292-20	Gilead Sciences
Cristina Gonçalves	A Phase 1/3, Randomised, Parallel-Group, Active-Controlled, Double-Blind Study to Demonstrate Equivalence of Pharmacokinetics and Noninferiority of Efficacy for CT-P10 in Comparison With Rituxan, Each Administered in Combination With Cyclophosphamide, Vincristine, and Prednisone (CVP) in Patients With Advanced Follicular Lymphoma	I/III	2013-004493-96	Celltrion
Cristina Gonçalves	Phase 3 Randomized, Double-Blind, Placebo Controlled, Multicenter Study to Compare the Efficacy and Safety of Lenalidomide (CC-5013) Plus R-CHOP Chemotherapy (R2-CHOP) Versus Placebo Plus R-CHOP Chemotherapy in Subjects with Previously Untreated Activated B-cell Type Diffuse Large B-cell Lymphoma	III	2013-004054-21	Celgene
Cristina Gonçalves	A Phase 3, Randomized, Placebo-Controlled, Double-Blind Study of Oral Ixazomib Maintenance Therapy After Initial Therapy in Patients With Newly Diagnosed Multiple Myeloma Not Treated With Stem Cell Transplantation	III	2014-001394-13	Millennium Pharmaceuticals
Cristina Gonçalves	A phase 3, multicenter, randomized, open-label study to compare the efficacy and safety of pomalidomide, bortezomib and low-dose dexamethasone versus bortezomib and low-dose dexamethasone in subjects with relapsed or refractory multiple myeloma (MM)	III	2014-000268-17	Celgene
Jorge Coutinho	A prospective, randomized, open label two arm Phase III study to evaluate treatment free remission (TFR) rate in patients with Philadelphia chromosome-positive CML after two different durations of consolidation treatment with nilotinib 300mg BID	III	2012-005124-15	Novartis
Jorge Coutinho	A randomized, controlled, double-blind Phase III trial to compare the efficacy, safety and pharmacokinetics of GP2013 plus Cyclophosphamide, Vincristine, Prednisone vs. MabThera® plus Cyclophosphamide, Vincristine, Prednisone, followed by GP2013 or MabThera® maintenance therapy in patients with previously untreated, advanced stage follicular lymphoma	III	2010-019522-13	HEXAL AG
Jorge Coutinho	A Phase 4, Open-label, Single-Arm Study of Brentuximab Vedotin in Patients With Relapsed or Refractory Systemic Anaplastic Large Cell Lymphoma	IV	2012-004128-39	Millennium Pharmaceuticals

Jorge Coutinho	A phase 3, randomized, double-blind study of PF-05280586 versus Rituximab for the first-line treatment of patients with CD20-positive, low tumor burden, follicular lymphoma	III	2014-000132-41	Pfizer
Jorge Coutinho	A Phase II/III, Randomised, Multicentre Study of MOR00208 with Bendamustine versus Rituximab with Bendamustine in Patients with Relapsed or Refractory Diffuse Large B-Cell Lymphoma (R-R DLBCL) Who Are Not Eligible for High-Dose Chemotherapy (HDC) and Autologous Stem-Cell Transplantation (ASCT) – B-MIND	II/III	2014-004689-11	MorphoSys AG
Jorge Coutinho	A phase 3, double-blind, placebo-controlled study of quizartinib (AC220) administered in combination with induction and consolidation chemotherapy, and administered as maintenance therapy in subjects 18 to 75 years old with newly diagnosed FLT3-ITD acute myeloid leukemia (Quantum-First)	III	2015-004856-24	DAIICHI SANKYO
Jorge Coutinho	A Phase III, randomized, double-blind, controlled, multicenter study of intravenous PI3K inhibitor copanlisib in combination with standard immunochemotherapy versus standard immunochemotherapy in patients with relapsed indolent non-Hodgkin's lymphoma (iNHL) - CHRONOS-4	III	2015-001088-38	Bayer
Jorge Coutinho	A Multicenter, Randomized, Double-blind, Placebo-controlled Phase 3 Study of the Bruton's Tyrosine Kinase (BTK) Inhibitor, Ibrutinib, in Combination with Rituximab versus Placebo in Combination with Rituximab in Treatment Naïve Subjects with Follicular Lymphoma	III	2016-003202-14	PHARMACYCLICS LLC
Jorge Coutinho	A Phase III, Randomized, double-blind, placebo-controlled study evaluating the efficacy and safety of Copanlisib in combination with Rituximab in Patients with relapsed indolent B-cell non-hodgkins's lymphoma (iNHL) - CHRONOS-3	III	2013-003898-29	Bayer
Sara Morais	ATLAS-A/B: A phase 3 study to evaluate the efficacy and safety of Fitusiran in patients with Hemophilia A or B, without inhibitory antibodies to factor VII or IX	III	2016-001464-11	Alnylam Pharmaceuticals
Sara Morais	ATLAS-INH: A phase 3 study to evaluate the efficacy and safety of Fitusiran in patients with Hemophilia A or B, with inhibitory antibodies to factor VII or IX	III	2016-001463-36	Alnylam Pharmaceuticals

IMMUNOALLERGOLOGY				
Helena Falcão	A randomized, double-blind, placebo-controlled (DBPC) parallel-group multi-centre study to assess the efficacy and safety of PURETHAL Mites subcutaneous immunotherapy (SCIT) in patients with allergic rhinitis/rhinoconjunctivitis (ARC) caused by house dust mite (HDM) allergy	III	2016-000051-27	HAL Allergy B.V.
IMMUNOLOGY				
António Marinho	A phase III, multicenter, randomized, double-blind placebo-controlled study to assess the efficacy and safety of tocilizumab in subjects with giant cell arteritis	III	2011-006022-25	F. Hoffmann-La Roche
António Marinho	A Phase 3, Multicenter Study to Evaluate the Long-Term Safety and Efficacy of Baricitinib in Patients with Rheumatoid Arthritis	III	2012-003686-17	Eli Lilly and Company
António Marinho	A randomized, double-blind, active control, multicenter study to evaluate the efficacy at week 52 of subcutaneously administered secukinumab monotherapy compared with subcutaneously administered adalimumab monotherapy in patients with active psoriatic arthritis	III	2015-004477-32	Novartis
António Marinho	A randomized, double-blind, placebo-controlled multicentre phase 2 dose-ranging study to assess the safety and efficacy of multiple VAY736 doses administered subcutaneously in patients with moderate to severe primary Sjögren's Syndrome	II	2016-003292-22	Novartis
Carlos Vasconcelos	A phase IIb study to evaluate the efficacy, safety and tolerability of subcutaneous (SC) Tocilizumab (TCZ) given as monotherapy or in combination with Methotrexate (MTX) or other non-biologics DMARDs in subjects with rheumatoid arthritis.	III	2013-002429-52	Biogen Idec
Carlos Vasconcelos	A Randomized, Double-Blind, Placebo-Controlled 52-Week Study to Assess Adverse Events of Special Interest in Adults with Active, Autoantibody-Positive Systemic Lupus Erythematosus Receiving Belimumab	III	2011-005667-25	Human Genome Sciences
Carlos Vasconcelos	RING – Rituximab for lupus Nephritis with remission as a Goal, an investigator-initiated randomized international open multicentric study	III	2012-003314-13 †	Cliniques Universitaires Saint Luc, Université Catholique de Louvain

Raquel Faria	A Phase II, multi-centre, randomized, double blind, placebo-controlled study to evaluate the efficacy, safety and pharmacokinetics of ILT-101 in patients with active moderate to severe systemic lupus erythematosus (SLE)	II	2016-000488-17	Iltoo Pharma
INFECTIOUS DISEASES				
Rui Sarmiento e Castro	Strategic Timing of AntiRetroviral Treatment (START)	IV	2008-006439-12 †	University of Minnesota - Clinical and Translational Science Institute
Rui Sarmiento e Castro	A Phase 3, Randomized, Double-Blind Study to Evaluate the Safety and Efficacy of Elvitegravir/Cobicistat/Emtricitabine/Tenofovir Alafenamide Versus Elvitegravir/Cobicistat/Emtricitabine/Tenofovir Disoproxil Fumarate in HIV-1 Positive, Antiretroviral Treatment- Naïve Adults	III	2013-000102-37	Gilead Sciences
Rui Sarmiento e Castro	An Open-Label, Multicenter Study to Evaluate Long-Term Outcomes with ABT-450/Ritonavir/ABT-267 (ABT-450/r/ABT-267) and ABT-333 With or Without Ribavirin (RBV) in Adults With Genotype 1 Chronic Hepatitis C Virus (HCV) Infection	III	2014-001022-14	AbbVie
Rui Sarmiento e Castro	A Phase III, randomised, double-blind, multicentre, parallelgroup, non-inferiority study evaluating the efficacy, safety, and tolerability of dolutegravir plus lamivudine compared to dolutegravir plus tenofovir/emtricitabine in HIV-1-infected treatment-naïve adults	III	2015-004418-95	ViiV Healthcare UK Limited
Rui Sarmiento e Castro	A Single Arm, Open-label Study to Evaluate the Efficacy and Safety of Glecaprevir (GLE)/Pibrentasvir (PIB) in Treatment Naïve Adults with Chronic Hepatitis C Virus (HCV) Genotype 1, 2, 4, 5 or 6 Infection and Compensated Cirrhosis	III	2016-004967-38	AbbVie
INTERNAL MEDICINE				
Irene Marques	A multicenter, randomized, open label, parallel group study comparing pre-discharge and post-discharge treatment initiation with LCZ696 in heart failure patients with reduced ejection-fraction hospitalized for an acute decompensation event (ADHF) (the TRANSITION study)	IV	2015-003266-87	Novartis
Irene Marques	A multicenter, randomized, placebo-controlled, parallel group, double blind, dose-finding Phase II trial to study the efficacy, safety, pharmacokinetics and pharmacodynamic effects of the oral partial adenosine A1 receptor agonist neladenoson bialanate over 20 weeks in patients with chronic heart failure and preserved ejection fraction	II	2016-004062-26	Bayer

Irene Marques	A 24-week, randomized, double-blind, multi-center, parallel group, active controlled study to evaluate the effect of LCZ696 on NT-proBNP, symptoms, exercise function and safety compared to individualized medical management of comorbidities in patients with heart failure and preserved ejection fraction	III	2016-003410-28	Novartis
Irene Marques	A randomized parallel-group, placebo-controlled, double-blind, multi-center trial to evaluate the efficacy and safety of the oral sGC stimulator vericiguat to improve physical functioning in activities of daily living in patients with heart failure and preserved ejection fraction (VITALITY-HFpEF)	II	2018-000298-65	Bayer
João Neves	A double-blind, placebo controlled, multicentre, clinical study to investigate the efficacy and safety of up to 12 months of therapy with inhaled Promixin in the treatment of patients with non-cystic fibrosis bronchiectasis infected with Pseudomonas aeruginosa (P. aeruginosa) susceptible to Promixin	III	2015-002743-33	Zambon S.p.A.
Pedro Leuschner	A 52-week, Double Blind, Double dummy, Randomized, Multinational, Multicentre, 2-arm Parallel Group, active Controlled Clinical Trial of fixed combination of beclometasone dipropionate plus formoterol fumarate plus Glycopyrronium bromide administered via pMDI (CHF 5993) versus indacaterol/glycopyrronium (Ultibro®) via DPI in patients with Chronic Obstructive Pulmonary Disease	III	2014-001704-22	Chiesi Farmaceutici S.p.A.
METABOLIC DISEASES - ADULT				
Arlindo Guimas	A Phase 2/3, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Repeat Dose Study to Evaluate the Efficacy, Safety, Pharmacodynamics and Pharmacokinetics of olipudase alfa in Patients With Acid Sphingomyelinase Deficiency	III	2015-000371-26	Genzyme
NEPHROLOGY				
António Cabrita	A Randomized, Multicountry, Multicenter, Double-Blind, Parallel, Placebo-Controlled Study of the Effects of Atrasentan on Renal Outcomes in Subjects with Type 2 Diabetes and Nephropathy SONAR: Study Of Diabetic Nephropathy with Atrasentan	III	2012-005848-21	AbbVie
António Cabrita	A Phase 3, Randomized, Open-Label, Active-Controlled Study to Evaluate the Efficacy and Safety of Roxadustat in the Maintenance Treatment of Anemia in End Stage Renal Disease Subjects on Stable Dialysis	III	2013-001497-16	Astellas Pharma
Idalina Beirão	A Phase 3, Randomized, Open-Label, Active-Controlled Study to Evaluate the Efficacy and Safety of FG-4592 in the Treatment of Anemia in Chronic Kidney Disease Patients Not on Dialysis	III	2013-000951-42	Astellas Pharma

Idalina Beirão	A randomized, double-blind, placebo-controlled, parallel-group, multicenter, event-driven Phase III study to investigate the efficacy and safety of finerenone, in addition to standard of care, on the progression of kidney disease in subjects with type 2 diabetes mellitus and the clinical diagnosis of diabetic kidney disease	III	2015-000990-11	Bayer
La Salette Martins	Randomized, double-blind, placebo-controlled (within dose groups) and active controlled (eplerenone group) trial to investigate the safety, tolerability, pharmacokinetics and harmacodynamics of 4 oral doses of BI 690517 over 28 days in female and male patients with diabetic nephropathy	I	2017-000563-32	Unilfarma
NEUROLOGY				
Ana Martins da Silva	A Phase III, multicenter, randomized, parallel-group, double blinded, placebo controlled study to evaluate the efficacy and safety of ocrelizumab in adults with Primary Progressive Multiple Sclerosis	III	2010-020338-25	F.Hoffmann-La Roche
Ana Martins da Silva	A multicenter, randomized, double-blind, parallel-group, placebo-controlled variable treatment duration study evaluating the efficacy and safety of Siponimod (BAF312) in patients with secondary progressive multiple sclerosis	III	2012-003056-36	Novartis
Ana Martins da Silva	A Multicenter, Open-Label Study Evaluating the Effectiveness of Oral Tecfidera™ (Dimethyl Fumarate) on MS Disease Activity and Patient-Reported Outcomes in Subjects with Relapsing-Remitting Multiple Sclerosis in the Real World Setting (PROTEC)	IV	2013-001656-35	Biogen / Novartis
Ana Martins da Silva	Multicenter, randomized, double-blind, parallel-group, active-controlled, superiority study to compare the efficacy and safety of ponesimod to teriflunomide in subjects with relapsing multiple sclerosis	III	2012-000540-10	Actelion Pharmaceuticals / Inventivhealth
Ana Martins da Silva	A randomized, double-blind, double-dummy, parallel-group study comparing the efficacy and safety of ofatumumab versus teriflunomide in patients with relapsing multiple sclerosis	III	2015-005419-33	Novartis
Ana Martins da Silva	PLENO – Open-label, Randomized, 2-arm, Active Comparator Study to Evaluate Safety and Tolerability in Portuguese Patients with Relapsing Remitting Multiple Sclerosis (MS) Transitioning from Standard-of-care Subcutaneous Interferon Therapy to Peginterferon Beta 1a (PLEGRIDY™)	IV	2016-000434-21	Biogen

Ana Martins da Silva	An open-label, single-arm study to evaluate the effectiveness and safety of ocrelizumab in patients with early stage relapsing remitting multiple sclerosis	III	2016.002937.31	F. HOFFMANN-LA ROCHE
Ana Martins da Silva	Multicenter, non-comparative extension to study AC-058B301, to investigate the long-term safety, tolerability, and control of disease of ponesimod 20 mg in subjects with relapsing multiple sclerosis	III	2016-004719-10	Actelion
Ana Martins da Silva	A 2-year Prospective Study to Assess Health-related Quality of Life in Subjects with Highly-Active Relapsing Multiple Sclerosis Treated with Mavenclad®	IV	2017-002632-17	Merck
Carlos Correia	Multicenter, randomized, double-blind, double-dummy, active-comparator, event-driven, superiority phase III study of secondary prevention of stroke and prevention of systemic embolism in patients with a recent Embolic Stroke of Undetermined Source (ESUS), comparing rivaroxaban 15 mg once daily with aspirin 100 mg (NAVIGATE ESUS)	III	2013-000768-27	Bayer/Covance
Gabriela Lopes	Thrombolysis or Anticoagulation for Cerebral Venous Thrombosis TO-ACT	III	2010-020302-15 †	Universiteit van Amsterdam
Gabriela Lopes	Randomized, double-blind, Evaluation in secondary Stroke Prevention comparing the Efficacy and safety of the oral Thrombin inhibitor dabigatran etexilate (110 mg or 150 mg, oral b.i.d.) versus acetylsalicylic acid (100 mg oral q.d.) in patients with Embolic Stroke of Undetermined Source (RESPECT ESUS)	III	2013-003444-24	Unilfarma
João Chaves	A multicenter, double-blind, double-dummy, follow up study evaluating the long term safety of Lacosamide (200 to 600mg/day) in comparison with controlled release Carbamazepine (400 to 1200mg/day), used as monotherapy in subjects with partial onset or generalized tonic clonic seizures ≥16 years of age coming from the SP0993 study	III	2010-021238-74	UCB Biosciences
João Chaves	Efficacy and Safety of Eslicarbazepine Acetate (BIA 2-093) as Monotherapy for Patients with Newly Diagnosed Partial-onset Seizures: a Double-Blind, Randomized, Active-Controlled, Parallel-Group, Multicenter Clinical Study - Open-Label ESI Extension	III	2015-001243-36	BIAL

Luís Maia	A phase III, multicenter, randomized, double-blind, placebo-controlled, parallel-group, efficacy and safety study of Crenezumab in patients with prodromal to mild Alzheimer's Disease	III	2016-003288-20	Roche
Luís Maia	A phase III, multicenter, randomized, double-blind, placebo-controlled, parallel-group, efficacy and safety study of Gantenerumab in patients with early (Prodromal to mild) Alzheimer's Disease	III	2017-001365-24	Roche
NEUROLOGY - AMILOIDOSIS				
Teresa Coelho	An Open-Label Extension Study to Assess the Long-Term Safety and Efficacy of ISIS 420915 in Patients with Familial Amyloid Polyneuropathy (FAP)	III	2013-004561-13	IONIS Pharmaceuticals
Teresa Coelho	A Multicenter, Open-Label, Extension Study to Evaluate the Long-term Safety and Efficacy of Patisiran in Patients with Familial Amyloidotic Polyneuropathy Who Have Completed a Prior Clinical Study with Patisiran	III	2014-003877-40	Alnylam Pharmaceuticals
Teresa Coelho	A Phase 1, Open-Label, Dose Escalation Study of Intravenous PRX004 in Subjects with Amyloid Transthyretin (ATTR) Amyloidosis	I	2017-03521-15	PROTHENA BIOSCIENCES LIMITED
ONCOLOGY				
António Araújo	A phase III multicenter, randomized study of oral LDK378 versus standard chemotherapy in previously untreated adult patients with ALK rearranged (ALK-positive), stage IIIB or IV, non-squamous non-small cell lung cancer	III	2013-000319-26	Novartis
António Araújo	A Randomized, Open Label, Phase III Study of Overall Survival Comparing Pembrolizumab (MK-3475) versus Platinum Based Chemotherapy in Treatment Naïve Subjects with PD-L1 Positive Advanced or Metastatic Non-Small Cell Lung Cancer (Keynote 042)	III	2014-001473-14	Merck
António Araújo	An Open-Label, Multicenter Clinical Trial with Nivolumab (BMS-936558) Monotherapy in Subjects with Advanced or Metastatic Squamous Cell (Sq) Non-Small Cell Lung Cancer (NSCLC) who Have Received at Least One Prior Systemic Regimen for the Treatment of Stage IIIB/IV SqNSCLC	II	2014-001285-10	Bristol-Myers Squibb International Corporation

António Araújo	A phase III, open-label, randomized study of MPDL3280A (ANTI-PD-L1 ANTIBODY) in combination with carboplatin + paclitaxel with or without bevacizumab compared with carboplatin + paclitaxel + bevacizumab in chemotherapy naïve patients with stage IV non-squamous non-small cell lung cancer	III	2014-003207-30	F. Hoffmann-La Roche
António Araújo	A phase III, open-label, multicenter, randomized study evaluating the efficacy and safety of MPDL3280A (ANTI-PD-L1 antibody) in combination with carboplatin + paclitaxel or MPDL3280A in combination with carboplatin + nab-paclitaxel versus carboplatin + nab-paclitaxel in chemotherapy naïve patients with stage IV squamous non-small cell lung cancer	III	2014-003208-59	F. Hoffmann-La Roche
António Araújo	A randomized, phase 3 trial with anti-PD-1 monoclonal antibody pembrolizumab (MK-3475) versus placebo for patients with early stage NSCLC after resection and completion of standard adjuvant therapy (PEARLS)	III	2015-000575-27	Merck
António Araújo	Randomized, double-blind, phase 3 study evaluating TAS-102 plus best supportive care (BSC) versus placebo plus BSC in patients with metastatic gastric cancer refractory to standard treatments	III	2015-002683-16	Taiho Oncology
António Araújo	A Phase III Randomized, Open-Label, Multi-Center, Global Study of MEDI4736 in Combination with Tremelimumab Therapy Versus Standard of Care Platinum-Based Chemotherapy in First-Line Treatment of Patients with Advanced or Metastatic Non-Small-Cell Lung Cancer (NSCLC) (NEPTUNE)	III	2015-002197-21	AstraZeneca
António Araújo	A Phase III, open-label, multicenter trial of avelumab (MSB0010718C) versus platinum based doublet as a first line treatment of recurrent or Stage IV PD L1+ non small cell lung cancer	III	2015-001537-24	Merck
António Araújo	A Phase 3, multicenter, multinational, randomized, open-label, parallel-arm study of avelumab* (MSB0010718C) plus best supportive care vERSUS BEST SUPPORTIVE CARE alone as a Maintenance Treatment in patients With Locally Advanced or Metastatic Urothelial Cancer whose Disease Did Not Progress after completion of first-Line platinum-containing chemotherapy	III	2015-003262-86	Pfizer

António Araújo	Phase III Randomized Clinical Trial of Lurbinectedin (PM01183)/Doxorubicin (DOX) versus Cyclophosphamide (CTX), Doxorubicin (DOX) and Vincristine (VCR) (CAV) or Topotecan as Treatment in Patients with Small-Cell Lung Cancer (SCLC) Who Failed One Prior Platinum-containing Line (ATLANTIS Trial)	III	2015-001641-89	Pharma Mar
António Araújo	A Phase III Study of BBI-608 PLUS NAB-PACLITAXEL with Gemcitabine in Adult Patients with Metastatic Pancreatic Adenocarcinoma	III	2016-004359-57	BOSTON BIOMEDICAL
António Araújo	A Randomized, Double-blind, Phase 2 Trial to Assess Safety and Efficacy of Lenvatinib at Two Different Starting Doses (18 mg vs. 14 mg QD) in Combination with Everolimus (5 mg QD) in Renal Cell Carcinoma Following One Prior VEGF-Targeted Treatment	II	2016-002778-11	Eisai
Joana Febra	A Phase III Randomized Trial of MK-3475 (Pembrolizumab) versus Standard Treatment in Subjects with Recurrent or Metastatic Head and Neck Cancer	III	2014-001749-26	Merck
Joana Febra	A Phase III, Randomized, Open-label, Controlled, Multi-Center, Global Study of First-Line MEDI4736 Monotherapy and MEDI4736 in Combination with Tremelimumab Versus Standard of Care Chemotherapy in Patients with Unresectable Stage IV Urothelial Bladder Cancer	III	2015-001633-24	Astrazeneca
Joana Febra	A Phase 3 Randomized, Open-Label Study Comparing Pexa-Vec (Vaccinia GM-CSF / Thymidine Kinase-Deactivated Virus) Followed by Sorafenib Versus Sorafenib in Patients with Advanced Hepatocellular Carcinoma (HCC) Without Prior Systemic Therapy (PHOCUS)	III	2014-001985-86	Sillajen
Joana Febra	A Randomized Double-Blind Phase 3 Study Of Avelumab In Combination With Standard Of Care Chemoradiotherapy (Cisplatin Plus Definitive Radiation Therapy) Versus Standard Of Care Chemoradiotherapy In The Front-Line Treatment Of Patients With Locally Advanced Squamous Cell Carcinoma Of The Head And Neck	III	2016-001456-21	Pfizer
Joana Febra	A randomized, open label, multicentre Phase 2/3 study to evaluate the efficacy and safety of rogaratinib (BAY 1163877) compared to chemotherapy in patients with FGFR-positive locally advanced or metastatic urothelial carcinoma who have received prior platinum containing chemotherapy)	II/III	2016-004340-11	Bayer

Noémia Afonso	SOLAR-1: A phase III randomized double-blind, placebo controlled study of alpelisib in combination with fulvestrant for men and postmenopausal women with hormone receptor positive, HER2-negative advanced breast cancer which progressed on or after aromatase inhibitor treatment	III	2015-000340-42	Novartis
Noémia Afonso	COMPLEEMENT-1: An open-label, multicenter, Phase IIIb study to assess the safety and efficacy of ribociclib (LEE011) in combination with letrozole for the treatment of men and pre/postmenopausal women with hormone receptor-positive (HR+) HER2-negative (HER2-) advanced breast cancer (aBC) with no prior hormonal therapy for advanced disease	III	2016-003467-19	Novartis
Noémia Afonso	Phase 2 Randomized, Double-Blinded, Controlled Study of Tucatinib vs. Placebo in Combination with Capecitabine and Trastuzumab in Patients with Pretreated Unresectable Locally Advanced or Metastatic HER2+ Breast Carcinoma (HER2CLIMB)	II	2015-002801-12	Cascadian Therapeutics Inc.
Noémia Afonso	Phase 2 study of MCLA-128-based combinations in metastatic breast cancer (MBC): MCLA-128/trastuzumab/chemotherapy in HER2-positive MBC and MCLA-128/endocrine therapy in estrogen receptor positive and low HER2 expression MBC	II	2017-002821-39	Merus N.V.
Noémia Afonso	A Phase II, Open Label, Randomised, Multi-centre Study to Assess the Safety and Efficacy of Agents Targeting DNA Damage Repair in Combination with Olaparib versus Olaparib Monotherapy in the Treatment of Metastatic Triple Negative Breast Cancer Patients Stratified by Alterations in Homologous Recombinant Repair (HRR)-related Genes (including BRCA1/2)(VIOLETTE)	II	2017-002361-22	AstraZeneca AB
Noémia Afonso	A Randomized, Open-Label, Phase 3 Study of Abemaciclib Combined with Standard Adjuvant Endocrine Therapy versus Standard Adjuvant Endocrine Therapy Alone in Patients with High Risk, Node Positive, Early Stage, Hormone Receptor Positive, Human Epidermal Receptor 2 Negative, Breast Cancer	III	2016-004362-26	Eli Lilly and Company
Noémia Afonso	Chemotherapy-free trastuzumab and pertuzumab in HER2-positive breast cancer: FDG-PET response-adapted strategy	II	2016-002676-27	Medica Scientia Innovation Research S.L
Noémia Afonso	A Randomized, Double-Blind, Phase III Study of Pembrolizumab versus Placebo in Combination with Neoadjuvant Chemotherapy and Adjuvant Endocrine Therapy for the Treatment of High-Risk Early-Stage Estrogen Receptor-Positive, Human Epidermal Growth Factor Receptor 2-Negative (ER+/HER2-) Breast Cancer (KEYNOTE-756)	III	2017-003507-22	Merck

Noémia Afonso	Xenera-1: A multi-centre, double-blind, placebo-controlled, randomised phase II trial to compare efficacy of xentuzumab in combination with everolimus and exemestane versus everolimus and exemestane in post-menopausal women with HR+ / HER2- metastatic breast cancer and non-visceral disease	II	2017-003131-11	Unilfarma
OPHTALMOLOGY				
Angelina Meireles	A Randomized, Double-masked, Sham-controlled Phase 4 Study of the Efficacy, Safety, and Tolerability of Intravitreal Aflibercept Monotherapy Compared to Aflibercept With Adjunctive Photodynamic Therapy in patients with Polypoidal Choroidal Vasculopathy. (ATLANTIC)	IV	2015-001368-20 †	AIBILI
Angelina Meireles	A Two-Year, Randomized, Double-Masked, Multicenter, Two-Arm Study Comparing the Efficacy and Safety of RTH258 6mg Versus Aflibercept in Subjects with Neovascular Age-Related Macular Degeneration	III	2014-004886-26	Alcon
Angelina Meireles	A randomized, double-masked, placebo-controlled exploratory study to evaluate pharmacodynamics, safety and tolerability of orally administered BI 1026706 for 12 weeks in patients with mild visual impairment due to center-involved diabetic macular edema (DME)	II	2015-003529-33	Unilfarma
Bernardete Pessoa	KESTREL - A Two-Year, Three-Arm, Randomized, Double-Masked, Multicenter, Phase III Study Assessing the Efficacy and Safety of Brolucizumab versus Aflibercept in Adult Patients with Visual Impairment due to Diabetic Macular Edema	III	2017-004742-23	Novartis
OTOLARYNGOLOGY				
Cecília Almeida e Sousa	A Randomized, Double-blind, 52-week, Placebo Controlled Efficacy and Safety Study of Dupilumab, in Patients with Bilateral Nasal Polyposis on a Background Therapy with Intranasal Corticosteroids	III	2015-001314-10	Sanofi
PEDIATRICS				
Esmeralda Martins	A Long-Term, Open-Label Treatment and Extension Study of UX003 rhGUS Enzyme Replacement Therapy in Subjects with MPS 7	III	2015-001875-32	Ultragenyx
Esmeralda Martins	An Open-label Study of UX003 rhGUS Enzyme Replacement Therapy in MPS 7 Patients Less than 5 Years Old	III	2015-000104-26	Ultragenyx

Laura Marques	SMILE: Strategy for Maintenance of HIV suppression with elvitegravir+darunavir/ritonavir in children (PENTA 17) - A two-arm, Phase 2/3 multicentre, open-label, randomised study evaluating safety and antiviral effect of current standard antiretroviral therapy compared to elvitegravir (EVG) administered with darunavir/ritonavir (DRV/r) in HIV-1 infected, virologically suppressed paediatric participants	II/III	2013-001476-37 †	Fondazione PENTA Onlus
Laura Marques	An open-label, multi-centre, randomised (1:1), non-inferiority, Phase II/III, 96-week, 2-arm clinical trial to compare the efficacy and toxicity of DTG plus 2 NRTI vs. standard of care (SOC) in HIV-infected children aged less than 18 years who are starting first-line ART (ODYSSEY A) or switching to second-line ART (ODYSSEY B)	II/III	2014-002632-14 †	Fondazione PENTA Onlus
Emília Costa	A phase II, open-label, non-controlled, intra-patient doseescalation study to characterize the pharmacokinetics after oral administration of eltrombopag in pediatric patients with refractory, relapsed or treatment naïve severe aplastic anemia or recurrent aplastic anemia	II	2015-003166-91	Novartis
PNEUMOLOGY / PULMONARY VASCULAR DISEASES				
Abílio Reis	A multi-center, double-blind, placebo-controlled, Phase 4 study in patients with pulmonary arterial hypertension to assess the effect of selexipag on daily life physical activity and patient's self-reported symptoms and their impacts	IV	2017-000216-42	Actelion
Fabienne Gonçalves	Home Treatment of Patients with Low-Risk Pulmonary Embolism with the Oral Factor Xa Inhibitor Rivaroxaban: Prospective Management Trial (HoT-PE)	IV	2013-001657-28 †	Bayer
Fernando Guedes	Medically III Patient Assessment of Rivaroxaban Versus Placebo IN Reducing Post-Discharge Venous Thrombo-Embolism Risk (MARINER)	III	2014-000305-13	Janssen
UROLOGY				
Avelino Fraga	A Randomized, Double-blind, Comparative Study of Abiraterone Acetate Plus Low-dose Prednisone Plus Androgen Deprivation Therapy (ADT) Versus ADT Alone in Newly Diagnosed Subjects With High-Risk, Metastatic Hormone-naïve Prostate Cancer (mHNPc)	III	2012-002940-26	Janssen
Miguel Ramos	Effects of two different doses of Rec 0/0438 administered by intravesical instillation in patients with neurogenic detrusor overactivity due to spinal cord injury: a repeated doses, double-blind, placebo controlled study	I/II	2017-000905-19	Recordati S.p.A

Paulo Príncipe	A phase III, multicentre, randomised, double blind, parallel group, placebo controlled study to assess the efficacy and safety of one or more intradetrusor treatments of 600 or 800 units of Dysport® for the treatment of urinary incontinence in subjects with neurogenic detrusor overactivity due to spinal cord injury or multiple sclerosis	III	2015-003471-30	Ipsen Innovation
VASCULAR SURGERY				
Rui Almeida	An international, multicenter, randomized, double-blind, placebo-controlled phase 3 trial investigating the efficacy and safety of Rivaroxaban to reduce the risk of major thrombotic vascular events in patients with symptomatic peripheral artery disease undergoing lower extremity revascularization procedures	III	2014-005569-58	Bayer

Caption: † Investigator-Initiated Study

OBSERVATIONAL STUDIES

PRINCIPAL INVESTIGATOR	TITLE	SPONSOR
ANESTHESIOLOGY		
Simão Esteves	INSPIRE2 - Incidence of Postoperative Residual Neuromuscular Blockade - A Multicenter, Observational Study in Portugal †	Centro Hospitalar Universitário do Porto
CARDIOLOGY		
Henrique Cyrne Carvalho	An international, multicenter, randomized, double-blind, placebo-controlled phase 3 trial investigating the efficacy and safety of Rivaroxaban to reduce the risk of major thrombotic vascular events in patients with symptomatic peripheral artery disease undergoing lower extremity revascularization procedures	Medtronic
Henrique Cyrne Carvalho	REPORA: Register of patients with bioResorbable Device in daily clinical practice	Sociedade Espanhola de Cardiologia
Hipólito Reis Vânia Cordeiro	Management and Detection of Atrial Tachyarrhythmias in Patients Implanted With BIOTRONIK DX Systems	Biotronik
Hipólito Reis Vânia Cordeiro	EODM: Reveal Linq Registry	Medtronic
Hipólito Reis	Strategic management to optimize response to cardiac resynchronization therapy registry smart registry	BOSTON SCIENTIFIC
Hipólito Reis	Observation of clinical routine care for heart failure patients implanted with BIOTRONIK CRT devices (BIO STREAM.HF)	Biotronik

DERMATOLOGIA		
Isabel Amorim	A Multicenter, Open Registry of Patients With Plaque Psoriasis Who Are Candidates for Systemic Therapy Including Biologics	Janssen Scientific Affairs
Glória Velho	AWARE: A World-wide Antihistamine-Refractory Chronic Urticaria Patient Evaluation	Novartis
Tiago Torres	Effectiveness of Adalimumab in Moderate to Severe Plaque Psoriasis Patients With Distinct Co-morbidities - EPIC	AbbVie (prior sponsor, Abbott)
Tiago Torres	SERENA - Long term observational, prospective study to collect in a real life setting data on the retention, effectiveness, safety, treatment pattern, quality of life, and efficiency of secukinumab in adult patients with moderate to severe plaque psoriasis	Novartis
ENDOCRINOLOGY		
André Carvalho	Observational, cross-sectional, multicenter study to characterize hypoglycemic episodes in hospitalized diabetic patients according to their background therapy in Portugal; hypoglycemia	Merck Sharp & Dohme
Jorge Soares	Estudo observacional, retrospectivo e multicêntrico para avaliação da efetividade terapêutica com liraglutido, na prática clínica real em Portugal, quando utilizado durante, pelo menos, 12 meses no tratamento de pessoas com diabetes tipo 2 (Lira-SPD)	Sociedade Portuguesa de Diabetologia (SPD)
Jorge Soares	An international non-interventional prospective cohort study to evaluate the safety of treatment with Levemir (Insulin Detemir) in pregnant women with diabetes mellitus - diabetes pregnancy registry	Novo Nordisk
GENERAL SURGERY		
Marisa Santos	Impacto da síndrome do intestino curto em Portugal	SHIRE PHARMACEUTICALS, INC

HEMATOLOGY		
Alexandra Mota	Prospective, non-interventional, multi-center observational study of nilotinib in adult patients with newly diagnosed CML ph+ in chronic phase: evaluation of effectiveness, safety and compliance in a real-life patient setting	Novartis
Cristina Gonçalves	Prospective Observational Study Evaluating the Safety of Lenalidomide/Dexamethasone Treatment in Patients With Relapsed or Refractory Multiple Myeloma	Celgene
Graça Porto	Estudo observacional, prospetivo, multicêntrico em doentes com síndrome mielodisplásica de risco baixo e intermédio-1, com sobrecarga de ferro em contexto de terapêutica transfusional: avaliar a evolução clínica e terapêutica de doentes quelados e não-quelados (IMAN)	Novartis
Sara Morais	CROWN: Estudo transversal na hemofilia A: caracterização nacional da população portuguesa	Bayer
Sara Morais	Um estudo epidemiológico transversal para compreender a atual abordagem de tratamento nos cuidados de rotina dos pacientes em Espanha e Portugal, em pacientes com Hemofilia B	CSL BEHRING
IMMUNOALLERGOLOGY		
Helena Falcão	A 12-month multi-center, non-interventional prospective study (with a retrospective cohort) to investigate the steroid-sparing effect of Xolair (omalizumab) in patients with severe asthma treated under Portuguese medical practice	Novartis
IMMUNOLOGY		
Ivone Silva	Registo para doentes com úlceras digitais associadas à esclerose sistémica (UD/ES)	Actelion
INFECTIOUS DISEASES		
Rui Sarmiento e Castro	An observational cohort study to evaluate the impact of the single tablet regimen (Atripla®) on adherence, quality of life and cost-effectiveness in HIV-1 infected patients	Gilead Sciences

Rui Sarmiento e Castro	An Observational Drug Utilization Study of Ledipasvir/Sofosbuvir and Tenofovir Disoproxil Fumarate + Pharmacokinetic Enhancer Co- Administration in Adults Co- Infected with Chronic Hepatitis C and HIV-1 Infections (HAVEN)	Gilead Sciences
Rui Sarmiento e Castro	Real-word characterization of the Portuguese population living with HIV who initiated Raltegravir based-regimen in the last three years (REALITY Study)	Merck
INTERNAL MEDICINE		
Fabienne Gonçalves	Study to Assess the Compliance of Patients With Pulmonary Arterial Hypertension Treated With Inhaled Iloprost	Bayer
Teresa Sequeira	Observational, cross-sectional, multicenter study to characterize hypoglycemic episodes in hospitalized diabetic patients according to their background therapy in Portugal; hypoglycemia in Portugal observaional study - ward patients (HIPOS-WARD)	Merck Sharp & Dohme
MICROBIOLOGY		
Maria Helena Ramos	STEP – In vitro study of ceftolozane/tazobactam susceptibility in Enterobacteriaceae and Pseudomonas aeruginosa isolates recovered from ICU patients with UTIs, IAls and LRTIs in Portugal	Merck Sharp & Dohme
NEPHROLOGY		
Manuela Almeida	Global Multicentre Kidney Transplant Advagraf Conversion Registry. A Non-interventional Post-authorisation Study (PAS)	Astellas Pharma Europe
NEUROLOGY		
Ana Martins da Silva	Long-term, prospective, non-interventional, multinational, parallel-cohort study monitoring safety in patients with MS recently initiated with fingolimod once daily or treated with another approved disease-modifying therapy	Novartis
Ana Martins da Silva	The Multi-National Pregnancy Fingolimod Exposure Registry in Multiple Sclerosis (Epidemiological Study Protocol FTY720D2404)	Novartis

Ana Martins da Silva	A Multicenter, Multinational, Observational Study to Collect Information on Safety and to Document the Drug Utilization of Fampyra® When Used In Routine Medical Practice (LIBERATE)	Biogen
Ana Martins da Silva	An observational, non-interventional Portuguese study to assess quality of life in relapsing remitting multiple sclerosis patients treated with Teriflunomide 14 mg in a real world clinical settingT - TeriLIVE-QoL	Sanofi
Marina Magalhães	Enroll-HD: A prospective Registry Study in a Global Huntington's Disease Cohort. A CHDI Foundation Project	CHDI Foundation
NEUROLOGY - AMILOIDOSIS		
Teresa Coelho	Transthyretin-associated Amyloidosis Outcomes Survey (THAOS): A Global, Multi-center, Longitudinal, Observational Survey Of Patients With Documented Transthyretin (TTR) Mutations Or Wild-type TTR Amyloidosis	Pfizer
NEUROPEDIATRICS		
Manuela Santos	Long-Term Observational Study of Translarna Safety and Effectiveness in Usual Care	PTC THERAPEUTICS INTERNATIONAL LIMITED
OPHTHALMOLOGY		
Angelina Meireles	An Open Label, Registry Study of the Safety of Iluvien® 190 Micrograms Intravitreal Implant in Applicator	Alimera Sciences
Angelina Meireles	Estudo de coorte, retrospectivo, dos resultados clínicos do ILUVIEN realizado em dados hospitalares agrupados ao nível do doente, recolhidos de vários centros de oftalmologia em Portugal	Alimera Sciences
ONCOLOGY		
Joana Febra	Prospective observational clinical practice study in the 1st line management of recurrent /metastatic SCCHN with erbitux® and chemotherapy	Merck

António Araújo	A European Prospective Observational Study Assessing the Effectiveness and Outcomes Associated With Enzalutamide Treatment in Patients With Metastatic Castration Resistant Prostate Cancer (mCRPC)	Astellas Pharma
António Araújo	Progression Free Survival (PFS) in patients treated with sunitinib as first-line treatment for metastatic renal cell carcinoma (mRCC): Evaluation of Portuguese clinical practice in the treatment of patients with mRCC - ROCKY study	Pfizer
ONCOLOGY/CLINICAL HEMATOLOGY		
António Araújo	Caracterização do risco de trombose em doentes com cancro	Dr. António Javier Trujillo Santos
PEDIATRICS		
Esmeralda Martins	A global, multi-center, long-term, observational survey of patients with Hunter syndrome (mucopolysaccharidosis II)	INVENTIV
Esmeralda Martins	Kuvan® Adult Maternal Pediatric European Registry	Merck Serono
Laura Marques	Pharmacovigilance studies on the use of ART in HIV-infected children and young people in Europe	Fondazione PENTA Onlus
Sónia Figueiroa	Typed – Natalizumab for the treatment of pediatric-onset multiple sclerosis in Portugal	BIOGEN PORTUGAL
UROLOGY		
Avelino Fraga	A Prospective Registry of Patients With a Confirmed Diagnosis of Adenocarcinoma of the Prostate Presenting With Metastatic Castrate-Resistant Prostate Cancer	Janssen

Avelino Fraga	A Prospective Post Marketing Non Interventional Study to Evaluate the Presence of Lower Urinary Tract Symptoms (LUTS) in Prostate Cancer Patients Scheduled to Receive LHRH Analogues and to Evaluate the Effect of LHRH Analogues on Lower Urinary Tract Symptoms (ANALUTS Study)	Ipsen
VASCULAR SURGERY		
Rui Almeida	Characterization of Patients Following Acute Venous Thromboembolism (VTE) and Safety and Effectiveness of Dabigatran Etexilate (DE) in the Treatment and Secondary Prevention of Acute Deep Vein Thrombosis (DVT) and Pulmonary Embolism (PE) in Comparison to Vitamin K Antagonist (VKA) in Routine Clinical Practice - RE-COVERY DVT/PE	Boehringer

Caption: † Investigator-Initiated Study

MEDICAL DEVICE STUDIES

PRINCIPAL INVESTIGATOR	TITLE	SPONSOR
CARDIOLOGY		
Henrique Cyrne Carvalho	Strategies for Revascularization in Patients Undergoing Heart Valve Surgery With Concomitant Coronary Artery Disease. Angiography vs Fractional Flow Reserve †	Sociedade Espanhola de Cardiologia
Hipólito Reis	INGEVITY(TM) Active Fixation and Passive Fixation Pace/ Sense Lead Clinical Study	Boston Scientific Corporation
Hipólito Reis	Cardiovascular Implantable Electronic Device (CIED) Antibiotic Envelope Infection Prevention Trial	Medtronic
Hipólito Reis	Quartet Lead and Resynchronization Therapy Options - Assessing the Response Rate at 6 Months in CRT Patients Implanted With a Quartet Left Ventricular(LV) Quadripolar Lead and the MultiPoint Pacing (MPP) Feature Activated	St. Jude Medical
Hipólito Reis	Safety and Electrical Performances Evaluation of Navigo Leads Equipped with IS4 Connector	LivaNova

Caption: † Investigator-Initiated Study

RESEARCH PROJECTS

TITLE	INVESTIGATOR	AFFILIATION
The VIP 2 STUDY: Development and validation of a mortality risk score for very old intensive care patients (≥ 80 years)	Alexandre Pinto	Department of Intensive Care
Estado nutricional dos doentes submetidos a cirurgia bariátrica	Alice Lopes	Department of Food and Nutrition
Enterobacteriaceae multirresistentes: estudo de um programa de vigilância e controlo implementados no CHUP	Ana Constança Mendes	Department of Microbiology
Taxa de incidência da infeção hospitalar e as suas características: estudo de coorte no Centro Hospitalar do Porto	Ana Sottomayor	ACeS Porto Ocidental
Perfil metabólico dos doentes com hipertensão pulmonar tromboembólica crónica (CTEPH) submetidos a angioplastia pulmonar	André Luz	Department of Cardiology
Prevalência do diagnóstico encefalite no Serviço de Cuidados Intensivos do CMIN	Andrea Santos	Department of Pediatric Intensive Care
Crescer com VIH: processos (des) adaptativos de adolescentes e jovens adultos com infeção perinatal	Ângela Maia	Universidade do Minho
Retina.PT - Database of retinal diseases of Portugal	Angelina Meireles	Department of Ophthalmology

Determinação da eficácia dos inibidores de checkpoint PD-1/ PD-L1 nos doentes submetidos a esta terapêutica. Estudo de potenciais biomarcadores preditivos de resposta ao tratamento	António Araújo	Department of Medical Oncology
Qual o impacto económico das úlceras de pressão (UP) no Centro Hospitalar do Porto (CHP)	Bruno Venâncio	Emergency Department
Unravel the gender effect in the development of hereditary Transthyretin Amyloidosis Nephropathy	Carla Moreira	Department of Nephrology
CODexPro - Cognitive Outcome after dexmedetomidine versus propofol - A multicenter study	Isabel Pereira	Centro Hospitalar do Algarve
Preliminary results of platelet-rich fibrin as treatment for peri-anal in our center	Catarina Baía	Instituto Português de Oncologia do Porto
Disfunção sexual e infertilidade. Um estudo comparativo	Cláudia Pereira	Department of Gynecology and Obstetrics
Tipo de parto nas grávidas com obesidade mórbida - a tendência	Cristiana Moreira	Department of Gynecology and Obstetrics
Tratamento da trombose venosa superficial: será rivaroxabano eficaz a reduzir as complicações tromboembólicas?	Daniel Mendes	Department of Angiology and Vascular Surgery
Perceção dos casais sobre o abortamento espontâneo	Daniela Gonçalves	Department of Gynecology and Obstetrics

Prognostic value of Glasgow Prognostic Score, neutrophil-lymphocyte and platelet-lymphocyte ratios in patients with metastatic soft tissue sarcoma	Eugénia Rosendo	Department of Medical Oncology
Características clínico-epidemiológicas de crianças internadas com bronquiolite aguda numa Unidade de Cuidados Intensivos Pediátricos	Fábio Barroso	Department of Pediatrics
PORTYSTROKE: Screening genetic conditions in PORTuguese young STROKE patients 10 year follow up	Gabriela Lopes	Hospital Egas Moniz
Desenvolvimento de Dispositivo Médico para colheita de urina em crianças sem controlo dos esfíncteres	Georgeta Oliveira	Clínica Médica Parque Itália
SYNAPSE-ICU - Study on intracranial pressure in intensive care (ICU)	Gisuppe Citerio	University Milano Bicocca; Hospital San Gerardo
Perfil da sensibilização molecular para ácaros ao pó doméstico em Portugal	Helena Falcão	Department of Immunoallergology
Insights into pediatric autoimmune gastritis: is there a role for Helicobacter Pylori infection?	Helena Silva	Pediatric Gastroenterology Unit
Comparison of the 7th and 8th edition of the AJCC TNM staging system in a series of 88 patients: the size as an factor predicting prognosis	Hugo Miranda	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Papel dos mediadores mastocitários nos distúrbios cognitivos e neuropsiquiátricos associados às Mastocitoses	Iolanda Fernandes	Department of Dermatology

Avaliação da efetividade dos agonistas dos recetores da GLP1 em doentes com Diabetes Mellitus Tipo 2 - Em contexto real da consulta externa no CHP	Joana Queirós Machado	ACeS Porto Ocidental
Adesão terapêutica na dor crónica - da prescrição fármaco-terapêutica ao comportamento de adesão	José Castro Lopes	Faculdade de Medicina of Universidade do Porto
Total tumour load as a predictive factor for non-sentinel node status and as a prognostic factor in breast cancer patients in Portugal: PORTTLE Study	José Luís Fougo	Centro Hospitalar Universitário São João
Hemorragia digestiva alta não hipertensiva. Avaliação dos resultados em doentes internados em Cuidados Intensivos	José Maia de Sousa	Centro Hospitalar Universitário do Algarve
Prevalência de dor no pé diabético: um estudo observacional transversal	José Romão	Department of Anesthesiology; Pain Unit
STIM/Orai inhibition as a strategy to facilitate relaxation of human corpus cavernosum and penile arteries and to relief ED in diabetics rats	Javier Angulo	Hospital Ramón y Cajal
Sleep quality and neuropsychiatric symptoms in HIV pediatric patients with stable antiretroviral treatment	Maribel González-Tomé	Hospital 12 de Octubre
Association of Oxidized Low-Density Lipoprotein and Lipid Profile in a Portuguese Adult Population	Liliana Fonseca	Department of Endocrinology
Qual o “cut off” do valor da HbA1c no 3º trimestre para suspeitar de morbilidade e crescimento fetal excessivo em grávidas com diabetes gestacional?	Liliana Fonseca	Department of Endocrinology

Flash glucose monitoring for type 1 diabetes patients	Liliana Fonseca	Department of Endocrinology
Keep Control - How does peripheral neuropathy relevantly influence gait and balance in PD	Luís Maia	Department of Neurology
Stroke in translation: biomarkers for diagnosis and management of acute ischemic stroke	Luís Maia	Department of Neurology
Caracterização clínico-radiológica de enfartes da artéria cerebral anterior com apresentação por síndrome atáxica	Luís Maia	Department of Neurology
Validação de versão adaptada das escalas “GRAFFAR” e “APGAR FAMILIAR” e da escala “VULNERABILIDADE ECONOMICA”	Luísa Pires	Social Service
GENOPIT- Fatores de risco genético para os adenomas hipofisários	Manuel Lemos	Universidade da Beira Interior
Nível de cuidados pós operatórios e mortalidade após hemorragia subaracnoideia por rotura de aneurisma cerebral: a experiência num hospital terciário	Manuela Casal	Department of Anesthesiology
Dexametasona 0,12 mg/kg endovenosa reduz a dor no pós-operatório, imediato e tardio, após cirurgia de varizes em regime de ambulatório?	Manuela Ramos	Department of Anesthesiology
Rastreio da doença miopática e elevação de creatinaquinase em população pediátrica com défice cognitivo	Manuela Santos	Department of Neuropediatrics

Levantamento multicêntrico de doentes com miopatia/distrofia muscular numa população de crianças com elevação de CK	Manuela Santos	Department of Neuropediatrics
Rastreio do défice de hormona de crescimento em crianças e adolescentes com citopatia mitocondrial	Margarida Coelho	Department of Pediatrics
Impacto do envelhecimento imunológico do desenvolvimento da esclerose múltipla	Margarida Correia Neves	Instituto de Investigação em Ciências da Vida e Saúde
ECNM REGISTRY Network-Project - Establishment of a Multicenter Registry for Patients with Mastocytosis in Europe	Margarida Lima	Department of Clinical Hematology
Qualidade de vida na Endometriose: preditores individuais e conjugais	Maria Graça Pereira	Universidade do Minho
Contribuição dos fatores psicológicos na cura da úlcera do pé diabético, em indicadores fisiológicos de prognóstico de cura e qualidade de vida: um estudo longitudinal randomizado de avaliação e eficácia	Maria Graça Pereira	Universidade do Minho
Avaliação do desperdício alimentar no Centro Hospitalar do Porto, E. P. E.	Mariana Fraga	Department of Food and Nutrition
Rinossinusite Crónica: Avaliação Clínica e Imagiológica em Simultâneo	Mariline Santos	Department of Otorhinolaryngology
Cancro da Próstata: rastreio inovador a partir de sangue periférico	Marta Oliveira	International Iberian Nanotechnology Laboratory

Análise da reprodutibilidade de variáveis e classificações preditivas de complicações a nível do pé da pessoa com Diabetes	Matilde Soares	Faculdade de Medicina of Universidade do Porto
Daily life physical activity in Patients with Chronic Thromboembolic Pulmonary Hypertension	Miguel Monteiro	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Avaliação da progressão da doença de Parkinson - Reavaliação após 5 anos	Nuno Vila-Chã	Department of Neurology
Atitudes e comportamentos dos pais de crianças com sobrepeso/obesidade	Orlanda Cruz	Faculdade de Psicologia e Ciências da Educação of Universidade do Porto
Análise retrospectiva dos doentes traqueostomizados na UCIP	Patrícia Campos	Multipurpose Intensive Care Unit
Avaliação da atividade física em doentes com insuficiência cardíaca com fração de ejeção reduzida	Paulo Costa	Department of Cardiology
Epidemiologia das infeções respiratórias víricas da comunidade, com recurso a urgência hospitalar, na era do diagnóstico molecular	Paulo Pereira	Department of Microbiology
Desenvolvimento de um sistema de aconselhamento ao anestesista para aperfeiçoar o relaxamento neuromuscular profundo por infusão de rocurónio	Pedro Amorim	Department of Anesthesiology
Catastrofização e qualidade de vida nos amputados de membro inferior	Pedro Cantista	Department of Physical Medicine and Rehabilitation

Implementing ICHOM's Standard Sets of Outcomes: Cataracts	Pedro Menéres	Department of Ophthalmology
Défices vitamínicos e minerais na doença celíaca	Pedro Sousa	Centro Hospitalar Tondela-Viseu
Avaliação da correlação do Score Sofa com alteração na componente cardiovascular e renal na predição de gravidade do estado clínico em doentes internados nas unidades de Cuidados Intensivos do Centro Hospitalar do Porto	Ricardo Marinho	Multipurpose Intensive Care Unit
Neuropathology translational research in neuromuscular disorders	Ricardo Taipa	Department of Neuropathology
Pain relief and hospital discharge after sphenopalatine ganglion block for postdural puncture headache in obstetric patients: a case series	Rita Araújo	Department of Anesthesiology
Pain relief and hospital discharge after sphenopalatine ganglion block for postdural puncture headache in obstetric patients: a case series	Rita Araújo	Department of Anesthesiology
Planning ahead: Can we predict medical emergency team (MET) activations? A Forecasting model for MET activations in a university-affiliated tertiary care hospital	Rui Antunes	Multipurpose Intensive Care Unit
Neuropsychological assessment in MS: ecological validity and prognostic value	Sara Cavaco	Department of Neurology
Avaliação da linguagem: recolha de dados normativos	Sara Cavaco	Department of Neurology

Impact of an early out-of-bed paradigm in postoperative outcomes of chronic subdural hematomas: get up randomized prospective trial	Sérgio Sousa	Department of Neurosurgery
Breakthrough pain assessment tool: validação psicométrica da versão portuguesa (BAT_PT)	Sónia Bernardes	Instituto Universitário de Lisboa
Psicopatologia e perceção dos comportamentos de vinculação de crianças ao cuidado de avós	Susana Santos	Department of Child Psychiatry
Utilização de oxigénio de alto fluxo na bronquiolite aguda	Telma Barbosa	Department of Pediatrics
Caracterização clínica e genética das paraparésias espásticas hereditárias com início em idade pediátrica na população portuguesa	Teresa Temudo	Department of Neuropediatrics
Padrão circanual da nevralgia do trigémio	Vanessa Carvalho	Hospital Pedro Hispano
Síndrome de desmilenização osmótica	Vanessa Oliveira	Department of Neurology
International observational study to understand the impact and best practices of airway management in critically ill patients (INTUBE)	Viscenzo Russotto	University Hospital San Gerardo
The feasibility and acceptability of a (mobile) application for men with LUTS/BPH: a pilot study	Stavros Gravas	Institute for monitoring of urogenital diseases

Metabolic control in patient with Phenylketonuria under follow-up at Centro Hospitalar do Porto: a 2017 audit	Viviane Kanufe	Hospital das Clínicas of Universidade Federal de Minas Gerais
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FUNDED RESEARCH PROJECTS

EUROPEAN UNION

1. PRECISESADS - Molecular reclassification to find clinically useful biomarkers for systemic autoimmune diseases. Sponsor Fundación Pública Andaluza Progreso y Salud.
2. NORTE-01-0145-FEDER-000024 - New Technologies for three Health Challenges of Modern Societies: Diabetes, Drug Abuse and Kidney Diseases.
3. POCI-01-0145-FEDER-016762 - Bionetworking and citizENship on GAMetE Donation (ENGAgED).

FCT – FUNDAÇÃO PARA A CIÊNCIA E A TECNOLOGIA

1. NORTE-01-0145-FEDER-031674 - BIO-Stroke.: AVC em translação: Biomarcadores para diagnóstico e decisão terapêutica no AVC isquémico.

BIAL FELLOWSHIP

1. Psychophysiological Detection of Feigned Memory Complaints.

11. ACADEMIC WORKS



TITLE	INVESTIGATOR	AFFILIATION
Fatores modificadores de morbimortalidade na linfadenectomia D2 no tratamento cirúrgico do cancro gástrico	Álvaro Nogueira	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Achados histopatológicos inesperados após apendicectomia por apendicite aguda: análise retrospectiva de (n) doentes	Ana Carvalho	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Assessment of siderosis and stenosis by MRI in patients with hyperferritinemia	Ana Costa	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Case Report - importância da abordagem multifatorial num caso de dor crónica	Ana Faria	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Eficácia e segurança da mucosectomia na abordagem às lesões não pediculadas de grandes dimensões do cólon e reto	Ana Ferreira	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Saúde reprodutiva da população masculina portuguesa - estudos de uma amostra populacional de dadores de gametas	Ana Fonseca	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Correlação anatomorradiológica da pelve na avaliação de fraturas do colo do fémur em traumas de baixa energia	Ana Jorge	Escola Superior de Saúde of Instituto Politécnico do Porto
Avaliações ventilatórias associadas à hipertensão pulmonar em indivíduos com doença pulmonar obstrutiva crónica	Ana Leal	Escola Superior de Saúde of Instituto Politécnico do Porto

Caraterização de uma consulta de Psico-Oncologia num hospital central	Ana Marques	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Avaliação por Tomografia de Coerência ótica das disseções de borda após implante de stent intracoronário	Ana Oliveira	Escola Superior de Saúde of Instituto Politécnico do Porto
Risco de desnutrição em doentes com cancro da cabeça e pescoço	Ana Oliveira	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Desafios clínicos no tratamento da hepatite C	Ana Pinho	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Alterações do perfil lipídico em adolescentes com Diabetes Mellitus 1	Ana Ramos	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Associação dos Sintomas do Trato Urinário Baixo com os achados Urodinâmicos na Doença de Parkinson	Ana Rodrigues	Escola Superior de Saúde of Instituto Politécnico do Porto
Desenvolvimento de uma metodologia de avaliação da evolução dos tratamentos às úlceras diabéticas	Ana Sá Moreira	Escola Superior de Biotecnologia of Universidade Católica Portuguesa do Porto
Segurança do doente no bloco operatório: contributo da liderança em enfermagem e do ambiente da prática de cuidados	Ana Sofia Mota	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
O Ácido Obeticolico no Tratamento da Colangite Biliar Primária	Ana Tavares Lopes	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto

Diabetic Kidney Disease - Research for Early Clinical and Biochemical Markers	Ana Teixeira	Pediatric Nephrology Unit, Instituto de Saúde Pública da Universidade do Porto
Polineuropatia desmielinizante inflamatória crónica (CIDP): Achados eletrofisiológicos e avaliação da incapacidade e impacto funcional	André Fernandes	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Comparação das características clínicas e laboratoriais dos microcarcinomas papilares curados e não curados	André Gomes	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
RESSEÇÃO ALARGADA E RECONSTRUÇÃO DE METÁSTASES ÓSSEAS ÚNICAS: OUTCOME FUNCIONAL	André Santos	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Cistectomia radical laparoscópica VS via aberta: estudo retrospectivo no tratamento da neoplasia da bexiga músculo invasiva nos últimos 5 anos	André Veloso	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Avaliação da idade óssea por radiologia convencional - caracterização da população de um hospital terciário	Andreia Pimentel	Escola Superior de Saúde of Instituto Politécnico do Porto
Morphometric analysis of sural nerve biopsies in familial amyloidotic polyneuropathy	Armando Fernandes	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Medicina Baseada na Evidência: A propósito de um caso clínico	Artur Tomaz	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Role of Metabolic profile and FMR1 modifiers in female fertility	Bárbara Rodrigues	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto

Neuromodulação sagrada em doentes com disfunção urinária - estudo retrospectivo	Bárbara Rodrigues	Escola Superior de Saúde of Instituto Politécnico do Porto
Comparação do Equipamento Portátil de Arco em C com Intensificador de Imagem versus Detetor Plano na Implantação de Pacemakers	Beatriz Guimarães	Escola Superior de Saúde of Instituto Politécnico do Porto
Fatores Preditivos de incumprimento do Programa de Reabilitação Cardíaca na Insuficiência Cardíaca	Beatriz Neves	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
The prognostic value of right ventricle function and pulmonary circulation hemodynamics in advanced heart failure patients undergoing cardiac resynchronization therapy	Bruno Bragança	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Hepatite Autoimune e Gravidez	Carina Pereira	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Bioética e Medicina Narrativa em Cuidados Intensivos Neonatais. O lugar das narrativas de pais e profissionais de saúde	Carmen Carvalho	Department of Pediatric Neonatology and Intensive Care, Universidade Católica Portuguesa
Avaliação dos resultados materno-fetais de grávidas com diagnóstico não confirmado de Diabetes Gestacional no 1º trimestre	Catarina Aguiar	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Prognóstico a longo prazo dos ataques neurológicos transitórios	Catarina Costa, et al	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Non-alcoholic fatty liver disease caused by type IX glycogenosis - a series of case in children	Catarina Dias	Instituto de Ciências Biomédicas Abel Salazar da Universidade do Porto

Transplante reno-pancreático, intubação difícil em doentes com Diabetes Mellitus Tipo I	Catarina Ferros	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Craniotomia de descompressão no AVC - uma série de casos	Catarina Guimarães	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Transição para a Parentalidade: subsídios para um modelo de intervenção de enfermagem após o nascimento	Catarina Silva	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Validation of sensitivity and specificity of Triplet-Primed PCR (TP-PCR) in the molecular diagnosis of FRAXE	Cecília Silva	Universidade do Minho
Complicações materno-fetais e desfechos adversos em gravidez em idade tardia	Clara de Sousa	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Prevalência de BURNOUT nos técnicos de radiologia	Cristiana Silva	Escola Superior de Saúde do Instituto Politécnico do Porto
Linfomas primários do sistema nervoso central (LPSNC). Caracterização epidemiológica e associação oncogénica ao vírus de Epstein-Barr (BV)	Cristina Carvalho	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Language plasticity in neurological diseases: a diffusion tensor imaging (DTI) analysis	Cristina Ramos	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
SELF-CARE PROGRAMS in oncology: a guided internet-delivered individually-tailored ACT-influenced cognitive behavioural intervention to Improve psychosocial outcomes in breast cancer survivors (INNOVBC)	Cristina Santos	Linköping University, Escola Nacional de Saúde Pública of Universidade Nova de Lisboa

Resultados clínicos do uso de stents bioabsorvíveis no tratamento da Doença Arterial Coronária - experiência de um centro	Dalila Alves	Escola Superior de Saúde of Instituto Politécnico do Porto
Interrupção de gravidez no Centro Materno Infantil do Norte no ano de 2017	Daniel Soares	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Efeitos adversos da terapêutica anti-muscarínica de Bexiga Hiperativa no Sistema Cardiovascular	Daniela Fernandes	Escola Superior de Saúde of Instituto Politécnico do Porto
Avaliação fisioterapêutica no paciente com cancro de cabeça e pescoço tratado por radioterapia	Débora Teixeira	Universidade de São Paulo
A videolaringoscopia na Via Aérea Difícil em contexto hospitalar	Diana Brites	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Estimulação nervosa sagrada no tratamento de incontinência fecal - Revisão de casos Clínicos	Diana Gomes	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Neurotoxicity of general anesthesia: where do we stand? - A survey among portuguese anesthesiologists	Diogo Monteiro	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Doença mental na classe médica do Centro Hospitalar do Porto Abordagem & orientação para os serviços hospitalares	Diogo Oliveira	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Nutritional management of maternal PKU (NMMPKU) in CHP: Retrospective study and offspring outcome	Élia Pinto	Faculdade de Ciências da Nutrição e Alimentação of Universidade do Porto

Papel do perfil uretral no estudo da incontinência urinária feminina	Elisabete Pereira	Escola Superior de Saúde of Instituto Politécnico do Porto
Mobilização articular precoce da pessoa em situação crítica	Emanuela Rocha	Escola Superior de Saúde of Instituto Politécnico de Viana do Castelo
Contribuição dos mecanismos de controlo vascular periférico para a compensação da termorregulação após simpatectomia, em crianças com hipersudorese	Fátima Carvalho	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Análise casuística do período de um ano de internamento do Serviço de Medicina Física e Reabilitação do Centro Hospitalar do Porto e respetivos ganhos funcionais dos doentes	Filipa Monteiro	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Purine Nucleoside Phosphorylase Deficiency: two cases reports from Portugal	Francisca Andrade	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Estudo de eletromiografias realizadas a doentes com Polineuropatia Amiloidótica Familiar no CHUP durante o 1º quadrimestre de 2019	Francisco Costa	Escola Superior de Saúde of Instituto Politécnico do Porto
Eficácia de uma intervenção de relaxamento com imaginação guiada na cicatrização da úlcera do pé diabético: um estudo clínico randomizado	Gabriela Ferreira	Universidade do Minho
Prevalência da disfunção erétil e da incontinência urinária em doentes submetidos a prostatectomia radical	Gabriela Martins	Escola Superior de Saúde of Instituto Politécnico do Porto
Alterações da densidade mineral óssea no doente infetado pelo HIV - Caracterização epidemiológica da população portuguesa	Gonçalo do Bem	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto

Os desafios da oncofertilidade - o contexto português	Gustavo Monteiro	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Fatores preditivos de sucesso na colheita cirúrgica de espermatozoides nas azoospermias não obstrutivas	Hélder Duarte	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Correlação radiológica entre a escoliose idiopática adolescente e as alterações posturais inferiores	Helena Fernandes	Escola Superior de Saúde of Instituto Politécnico do Porto
Outcome in ACL reconstruction	Henrique Almeida	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Avaliação do impacto das margens cirúrgicas na recidiva local e sobrevida global nos sarcomas de tecidos moles	Hugo Sousa	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Papel prognóstico da contagem de linfócitos, neutrófilos e plaquetas na sobrevivência do cancro pancreático	Inês Cardoso	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Aplicação de ferramentas Lean em Serviços de Saúde - Estudo de caso - Serviço de Urgência do Hospital Santo António	Inês Fernandes	Department of Obstetrics , Universidade Católica - Business School - Porto
Distúrbios cognitivos e do humor em doentes adultos com mastocitose	Inês Pacheco	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Estudo prospetivo sobre a trajetória e os determinantes da saúde sexual e emocional de casais durante a gravidez e o pós-parto	Inês Tavares	Faculdade de Psicologia e Ciências da Educação of Universidade do Porto

Atomoxetina na perturbação de Défície de Atenção e Hiperactividade	Isabela Bica	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Resultados do tratamento da Úlcera Péptica Hemorrágica num Hospital Central	Joana Aboim Mota	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
O Internal Branding aplicado ao caso do Centro Hospitalar do Porto (CHP): serão os colaboradores embaixadores da marca CHP?	Joana Barros	Instituto Português de Administração e Marketing
Otimização do protocolo de antibioterapia para a apendicite aguda	Joana Mendes	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Prematuridade na gravidez gemelar	Joana Silva	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Comparação da continência precoce em doentes submetidos a proctectomia radical: via aberta vs laparoscópica	João Seixas	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Fatores imunogenéticos e neuroinflamação em dois tipos de epilepsia: generalizada genética e do lobo temporal mesial	João Chaves	Department of Neurology, Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Carcinoma de Células Renais em idade adulta: estudo retrospectivo de uma série institucional	João Costa	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Qual o lugar da Cardioversão Elétrica Eletiva no tratamento dos doentes com Fibrilhação Auricular e Flutter?	João Gonçalves	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto

Qual a eficácia da septoplastia e turbinoplastia nos sintomas alérgicos nasais dos doentes com atopia?	João Marques	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Caracterização demográfica de uma consulta de demência em hospital terciário e estudo de fatores prognósticos da progressão de défice cognitivo ligeiro para demência	João Moura	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Subclinical systolic and diastolic impairment in rheumatoid arthritis	João Pinto	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Tuberculose em doentes imunosuprimidos (com e sem infeção por vírus da imunodeficiência humana) no internamento de um hospital terciário	João Silva	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Estudo quantitativo da cartilagem do joelho em doentes com rotura do ligamento cruzado anterior usando mapeamento de sinal T2 e T2* da cartilagem articular	José Coelho	Imaging Center for Diagnosis and Intervention, Universidad de Vigo
Thrombophilia as a risk factor for Venous Thromboembolism in patients with cancer. Should cancer patients be screened for thrombophilia?	José Costa	Serviço de Oncologia, Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Caracterização da doença hepática na Síndrome de Turner	José Manuel Ferreira	Serviço de Gastrenterologia, Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
The era of laparoscopic liver surgery in HEBIPA Unit (Porto, Portugal)	José Martins	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Envolvimento Vascular na doença de Behçet	Leonor Lemos	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto

Relação entre fratura na coluna lombar por compressão e alterações da normal curvatura da mesma	Liliana Regadas	Escola Superior de Saúde of Instituto Politécnico do Porto
Introperative fluoroscopic radiation in arthopaedic trauma: correlation with surgery type and surgeon experience	Luís Fabião	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Recidiva de Leucemia Promielocítica Aguda	Manuel Castro	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Estudo de Biomarcadores moleculares em fluídos biológicos na neoplasia do urotélio	Manuel Oliveira	Department of Urology , Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Formas de expressão da DRP Autossómica Recessiva: a propósito de um caso clínico de diagnóstico pré-natal	Manuel Pereira	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
What is the impact of the estimated filtration rate calculation in antibiotic prescription among hospitalized elderly patients?	Manuel Silva	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Rastreio de variantes patogénicas do gene DMD em doentes do sexo feminino com distrofia muscular indeterminada	Mara Morais	Escola Superior de Saúde of Instituto Politécnico do Porto
Caraterização da população de doentes com diabetes mellitus tipo 2 seguida na Consulta de Terapêutica Educacional da Diabetes (CTED) do CHUP	Márcia Vasconcelos	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Anomalias numéricas dos cromossomas sexuais em indivíduos do sexo masculino	Margarida Coelho	Escola Superior de Saúde of Instituto Politécnico do Porto

Kidney Disease and Mitochondrial Dysfunction	Margarida Coelho	Serviço de Pediatria and Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Ventilação por pressão positiva contínua em contexto pré-hospitalar	Margarida Montes	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Tumores do Corpo Carotídeo	Margarida Peixoto	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Higroma Cístico: Etiologia, prognóstico e evolução	Maria Beatriz Martins	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Avaliação Assistencial Interdisciplinar em Saúde da População Idosa	Maria Clara Monteiro	Centro Hospitalar Póvoa de Varzim/ Vila do Conde and Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Aneurisma da artéria renal - papel do auto-transplante	Maria Inês Sousa	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Isquemia mesentérica e abordagem cirúrgica: A propósito de um caso clínico	Maria José Soares	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Celulite na região orbitária na criança: estudo retrospectivo de 10 anos no Centro Hospitalar do Porto	Maria Luís Tomé	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto

Avaliação da hiperbilirrubinémia neonatal na diabetes gestacional	Maria Margarida Pires	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Revisão Clínica, laboratorial, de abordagem terapêutica e prognóstico da Leucemia Promielocítica Aguda diagnosticada nos últimos 10 anos no Centro Hospitalar e Universitário do Porto	Maria Sousa e Silva	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Complicações raras de insuficiência intestinal: artrite seronegativa e doença dinâmica do osso	Maria Teresa Rodrigues	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Revisão dos casos de mastocitose cutânea observados nos últimos 18 anos na Consulta de Dermatologia Pediátrica do Centro Hospitalar Universitário do Porto	Maria Vidal	Instituto de Ciências Biomédicas Abel Salazar da Universidade do Porto
Correlação da gravidade da encefalopatia hipóxico-isquémica com a disfunção multiorgânica em recém-nascidos submetidos a hipotermia induzida	Mariana Costa	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Aplicação do conceito ESSENCE e sua relevância nas patologias do neurodesenvolvimento	Mariana Cruz	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Vigilância do intestino delgado nos doentes com síndrome da Peutz-Jeghers	Mariana Neto	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Doença do movimento na Urgência	Mariana Oliveira	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Qual o melhor contexto para iniciar ventilação não invasiva domiciliária?	Mariana Rocha	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto

Fibrilhação auricular inaugural no Serviço de Urgência em adultos com idade inferior a 65 anos	Mariana Santos	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Gender discrimination in the workplace, is it still a reality? - A case study in a Portuguese Hospital	Mariana Vieira	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Prática Desportiva em Crianças e Adolescentes Asmáticos - Uma Amostragem De Hospital Terciário	Marta Castro	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Verdadeiros e falsos aneurismas da artéria renal: experiência do Centro Hospitalar do Porto	Marta Machado	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Impact of exercise on chemotherapy-related cardiotoxicity in women with breast cancer - a randomized control trial	Marta Oliveira	Department of Cardiology, Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Prevalência da insensibilidade à hipoglicemia na Diabetes Mellitus tipo 1	Matilde Gonçalves	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Qualidade dos cuidados de enfermagem de reabilitação numa UCIM: Um caminho a percorrer...	Miguel Machado	Centro Hospitalar do Médio Ave, Escola Superior de Saúde of Instituto Politécnico de Viana do Castelo
MELAS: Da Queima ao laboratório	Miguel Marques	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Abordagem do traumatismo cranio-encefálico numa sala de emergência	Mónica Eusébio, <i>et al</i>	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto

Metástases nos tecidos moles no cancro do endométrio	Olímpia Alves	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Adenomas Colorretais em indivíduos com Síndrome de Lynch sob Vigilância Endoscópica	Patrícia Araújo	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Gravidez após cirurgia bariátrica: relação entre o estado nutricional da grávida e os resultados neonatais	Patrícia Cunha	Faculdade de Ciências da Nutrição e Alimentação of Universidade do Porto
Conhecimentos e atitudes dos profissionais de saúde sobre dor crónica não oncológica em idade pediátrica	Paula Oliveira	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Esclerose com polidocanol espumoso versus laqueação elástica no tratamento da doença hemorroidária graus I, II e III: estudo prospetivo e randomizado	Paulo Salgueiro	Department of Gastroenterology, Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Relation between patient perceived surgical indication, fulfilment of expectations and clinical outcomes in patients undergoing spine surgery	Pedro Santos	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Seguimento de doentes com doença hepática avançada após cura do vírus C	Pedro Fragoso	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Programa de reabilitação funcional respiratória no doente crítico submetido a ventilação não invasiva	Pedro Santos	Department of Intensive Care, Escola Superior de Saúde of Instituto Politécnico do Porto

Jumper's Knee - Pathogenesis and Advances in Treatment of Elite Athletes	Pedro Serrano	Department of Orthopedics, Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Fatores relacionados com a resiliência na pessoa amputada: Universidade de Trás-os-Montes e Alto Douro dos membros inferiores	Ricardina Nunes	Department of Angiology and Vascular Surgery, Universidade de Trás-os-Montes e Alto Douro
Cardiovascular outcomes after domino liver transplantation	Rita Félix	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Impacto da dominância hemisférica e da idade na escala de avaliação de acidente vascular cerebral NIHSS	Rita Pichel	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Esclerose com polidocanol espumoso no tratamento da doença hemorroidal graus I, II, e III em doentes em tratamento com antiagregantes plaquetários ou anticoagulantes: estudo prospetivo, unicêntrico	Ruben Santos	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Endoscopia Digestiva Terapêutica: Estudo retrospectivo de eventos adversos em exérese de lesões do tubo digestivo e terapêuticas endoscópica programada de hipertensão portal	Rute Torres, <i>et al</i>	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Predictors of adverse outcomes in recovered Out-of-Hospital Cardiac Arrest survivors with proven coronary artery disease	Samuel Bastos	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Dissecção endoscópica da submucosa na abordagem de lesões gástricas pré-malignas e malignas precoces	Sandra Cunha	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto

Pancreatite autoimune na doença associada a IgG4 - um desafio diagnóstico: revisão bibliográfica a propósito de um caso clínico	Sara Archer	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Fenómeno de Raynaud secundário - fatores de risco e preditivos de úlceras digitais	Sofia Mesquita	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Cerebrovascular diseases and cancer	Sofia Padilha	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Prevalência e caracterização das cefaleias em adultos com mastocitose	Sofia Sousa	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Liver transplantation for autoimmune hepatitis: a single-centre experience	Tiago Beirão	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Síndrome de May-Turner	Tiago Chantre	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Is there a purpose in performing elective electrical cardioversion in the treatment of atrial fibrillation?	Tomás Branca	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
Avaliação radiológica das fraturas da coluna lombar em contexto de urgência	Vera Barbosa	Escola Superior de Saúde of Instituto Politécnico do Porto
Avaliação da Incontinência urinária em doentes submetidos a prostatectomia radical no Centro Hospitalar do Porto	Vergílio Pereira	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto

Gamapatia Monoclonal: Avaliação de um grupo de doentes entre 1990 e 2017	Yosef Al-Sewaidi	Instituto de Ciências Biomédicas Abel Salazar of Universidade do Porto
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12. CHUP GROUPS & RESEARCH TEAMS

RESEARCH GROUPS

Centro Hospitalar Universitário do Porto is the host institution for Research Groups integrated in the Multidisciplinary Unit of Biomedical Research of the Abel Salazar Institute of Biomedical Sciences (UMIB, www.icbas.pt) of the University of Porto. UMIB is a Research and Development Unit funded by Fundação para a Ciência e Tecnologia.

Groups with principal investigator from CHUP:

- **Clinical & Experimental Hematology & Immunopathology**
Principal investigator: Margarida Lima. Department of Clinical Hematology, CHUP
- **Clinical & Experimental Human Genomics**
Principal investigator: Paula Jorge. Medical Genetics Center, CHUP
- **Nephrology, Dialysis and Transplantation**
Principal investigator: Anabela Rodrigues. Department of Nephrology, CHUP
- **Oncology Group**
Principal investigator: António Araújo. Department of Oncology, CHUP

Grupo:

- **Auto-Immunity & Neurosciences**
Principal investigator: Berta Martins da Silva. Department of Pathology and Molecular Immunology, ICBAS-UP
Integrates 20 CHUP researchers.

MULTIDISCIPLINARY TEAMS AT CHUP

Multidisciplinary teams with specific scientific goals and working in different research areas are organized in CHUP. This organization makes it possible to establish lines of research and increase scientific productivity. The following multidisciplinary teams were in place in 2018:

- **Oncobiology**
Principal investigator: António Araújo. Department of Oncology
- **Anesthesiology Clinical Research**
Principal investigator: Catarina Nunes. Department of Anesthesiology
- **Hereditary Metabolism Disease Research**
Principal investigator: Esmeralda Martins. Department of Pediatrics
- **Hemochromatosis and HFE**
Principal investigator: Graça Porto. Department of Clinical Hematology
- **Immunoallergology Research**
Principal investigator: Helena Falcão. Department of Immunoallergology
- **Intensive Care**
Principal investigator: Irene Aragão. Multipurpose Intensive Care Unit, Department of Intensive Care
- **Digestive and Metabolic Surgery Research**
Principal investigator: Jorge Santos. Department of General Surgery
- **Clinical Neurology Research**
Principal investigator: Manuel Correia. Department of Neurology
- **Dermatology Research**
Principal investigator: Manuela Selores. Department of Dermatology
- **Anemia Pathophysiology**
Principal investigator: Maria Alice Santos Silva. Faculty of Pharmacy
- **Postoperative Complications of Colorectal Surgery Study Group**
Principal investigator: Marisa Santos. Department of General Surgery
- **3IDD – Intellectual Development Disorder**
Principal investigator: Paula Jorge. Medical Genetics Center
- **INeuroPED – Neuropediatrics Research: autism spectrum disorder, epilepsy and movement disorders**
Principal investigator: Teresa Temudo. Department of Neuropediatrics
- **Laboratory of Human Behavior Neurobiology**
Principal investigator: Sara Cavaco. Neuropsychology Unit, Department of Neurosciences

- **End of Life Care**

Principal investigator: Paulo Maia. Department of Intensive Care



13. MEETINGS AND COURSES AT DEFI FACILITIES

Several scientific meetings and courses were held in DEFI facilities during 2018. The department was responsible for logistical and audiovisual support. Support courses on clinical trials, biostatistics, and library research were organised by DEFI Training Centre. Due to their institutional interest or scope, some meetings are hereinafter highlighted.

Conference/Training session “The 4 disciplines of implementation”

Minimally Invasive Upper Tract Surgery

1st 28th PADIS Meeting

NeuroPort Spring Equinox: TTR Amyloidoses

European Day of Heart Failure - GESTIC

Multidisciplinary Course on Heart Failure - GESTIC

Mechanized Endodontics Workshop - “Hands-on” Course - Stomatology Residents Committee

CHUP Technical Assistants’ Days

Summer Course Anesthesiology - Eurosiva

NeuroPorto Summer Solstice: CHUP’s contribution to the European Academy of Neurology 2018 Congress

CMIN SUMMIT 2018

World Scleroderma Day - APDE

17th Postgraduate Training Course in Neuropediatrics

II National Stomatology Congress

World Diabetes Day

Diabetes Session

X Heart and Family Meeting

Neuromotorization Course

Analgesia Course

Antimicrobial Course

Acid-Base and Hydroelectrolytic Balance Course

Updating Course in Anatomic Pathology

Cardiology Course

Workshop - Cardio projects - NORTEXCEL2020

NeuroPorto Fall Equinox: Brain Death

4th Course on Oncology for GP and Young Oncologists

Endocrine Emergency Course - ACIM

National Multiple Sclerosis Day

NeuroPorto Winter Solstice: Neurosensory Deafness

Cardiovascular Diseases Neglected in Africa: Tropical Endomyocardial Fibrosis

Multidisciplinary Cardiovascular Medicine Meetings - Clinical management of patients treated with new oral anticoagulants in periprocedure and bleeding

Multidisciplinary Cardiovascular Medicine Meetings - High-sensitivity troponin: Advantages and challenges in early diagnosis of acute coronary syndrome

Multidisciplinary Cardiovascular Medicine Meetings - Cardio-oncology: The paradigm of interdisciplinary collaboration

Good Infection Control and Antimicrobial Resistance Practices

IBM - SPSS

BestGest Training

Metrology in Health - Measuring Equipment II

Citing and referencing in health sciences: Simplify with Mendeley

Advanced Trauma Course

IV Nursing Seminar on Organ Transplantation

2018 Annual Pediatric Nephrology Meeting

Introductory course to Organ and Tissue Donation

14. DEFI APPLICATIONS



PLATFORM FOR REGISTRATION OF EDUCATION, TRAINING AND RESEARCH ACTIVITIES

The Registry of Education, Training, and Research Activities (REFI) is a platform reserved for CHUP professionals, in which they can individually register and organise curricular, scientific, academic, and professional qualification information. REFI was developed in 2011 by DEFI's IT research fellow. Underlying this project was the need to create, in collaboration with the Department of Information Systems, a dynamic, secure, and user-friendly infrastructure in CHUP. Platform's usability represents a registration commitment, allowing personal access control and monitoring of Departments' global reports by their managers. Sollari Allegro Awards, directed at Departments, are attributed based on information recorded on REFI platform. REFI register is accessible online on CHUP intranet or via e-mail address: meuportal.chporto.min-saude.pt

SCIENTIFIC REPOSITORY OF CENTRO HOSPITALAR DO PORTO

Since 2010, Centro Hospitalar Universitário do Porto has a scientific repository integrated in Portugal Open Access Repositories (RCAAP) network, in which around 1,750 scientific documents developed by CHUP professionals are deposited and available to the entire community via the internet. The Scientific Repository of Centro Hospitalar do Porto (RCCHP) aims to gather, preserve, and disseminate in digital format the scientific production of CHUP professionals, thus contributing to its visibility within the community. RCCHP is available online through the website: repositorio.chporto.pt.

DEFI PORTAL

CHUP is an organization dedicated to health care provision concerned in contributing to the development of scientific knowledge, quality of care provided, and history preservation. The institution's strong commitment in the areas of education, training, and research resulted in the need to develop a direct communication channel with the community in matters related to those areas.

DEFI Portal was therefore created, as a site that intends to be the main communication channel between the department and the outer community. DEFI Portal can be accessed through the email address: defi.chporto.pt

15. DEFI/CHUP EDITIONS



NASCER E CRESCER - BIRTH AND GROWTH MEDICAL JOURNAL

Nascer e Crescer - Birth and Growth Medical Journal is the scientific journal of Centro Hospitalar Universitário do Porto. Written in English, the journal is regularly published since 1991 and on a quarterly basis. It is listed in EMBASE/Excerpta Médica, LATINDEX Catalogue, and Index of Portuguese Medical Journals and indexed in SciELO. The journal's target audience are all health professionals and scientific community in general with an interest in the areas of maternal-fetal, neonatal, and pediatric health. Its main purpose is to disseminate scientific knowledge and promote health research. The journal publishes scientific studies as original articles, reviews, clinical cases, opinion articles, and scientific meeting abstracts.

Articles published in NASCER AND CRESCER are available under the Creative Commons Attribution-Noncommercial 4.0 International license. Management of scientific content is the responsibility of the editorial board.

Revista Nascer e Crescer - Birth and Growth Medical Journal can be accessed via email address: revistas.rcaap.pt/nascercrescer

SCIENTIFIC YEARBOOK

The scientific yearbook is a regular publication of DEFI. Yearbooks can be accessed through DEFI portal (defi.chporto.pt) and through the internal portal of Centro Hospitalar do Porto. Additionally, yearbooks are stored in the Scientific Repository of CHUP (repositorio.chporto.pt).

NEWSLETTER

In 2017, DEFI began the regular publication of its Research Newsletter under the title DEFI NEWS. CHUP is a Health Institution that privileges and values pre- and post-graduate education and encourages research with the purpose of contributing to development of health science and technology. DEFI NEWS was born with the aim of disseminating and promoting R&D activities developed at the institution, as well as internal structures supporting and assisting them. Previously published editions can be accessed at DEFI portal (defi.chporto.pt).

16. AFFILIATION POLICY



STANDARDIZATION OF INSTITUTIONAL AFFILIATION

A correct use of institutional affiliation is essential for CHUP and its professionals to have a greater national and international visibility, thus receiving the appropriate recognition for their publications and quotations. To avoid reference dispersal, the Board of Directors issued a clarifying document in which a set of rules towards standardisation is conveyed.

For publication or scientific communication purposes:

1. The institutional name “Centro Hospitalar Universitário do Porto” is adopted, waiving the legal person acronym (EPE). The name is mandatory and should not be translated into English or other languages, except upon journal requirement. CHUP acronym should be incorporated at the end, in parenthesis, if publication rules allow it.
2. The names of large units within the hospital center are optional, should not be translated, and are written as follows:
 - a. Hospital de Santo António (HSA).
 - b. Centro de Genética Médica Jacinto Magalhães (CGMJM).
 - c. Centro Integrado de Cirurgia de Ambulatório (CICA).
 - d. Centro Materno-Infantil do Norte Albino Aroso (CMIN).

Reference to departments and units is optional and may be translated into the writing language of the manuscript.

The common postal address is: Largo do Professor Abel Salazar, 4099-001 Porto, Portugal. It shall not be translated. The use of “Oporto” designation is a source of error and misinterpretation in bibliographic databases.

Authors must adopt a uniform personal name, invariable regarding initials, first name, surnames, or possible hyphen use, so that the work is unequivocally associated to him/her throughout his/her career, preventing authorship assignment errors by international databases. The author profile is strengthened by creating a personal account at <http://orcid.org>.

In multicentric works or works based in other institutions, authors with an employment contract of any type must include CHUP in his/her scientific affiliation.

Seguem-se exemplos de afiliação:

Portuguese

José Silva¹

¹ Serviço de Nefrologia, Hospital de Santo António, Centro Hospitalar Universitário do Porto (CHUP), Porto, Portugal

English

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Remaining affiliations:

Centro de Genética Médica Jacinto Magalhães, Centro Hospitalar Universitário do Porto (CHUP), Porto, Portugal
Centro Materno-Infantil do Norte, Centro Hospitalar Universitário do Porto (CHUP), Porto, Portugal

AUTHORSHIP IN SCIENTIFIC PUBLICATIONS

Scientific authorship assignment is a commitment to the professional, editorial, and scientific community and therefore does not constitute an absolute right of one research team, department, or other. Therefore, authorship criteria in scientific articles should be based on the “Uniform Requirements for Manuscripts Submitted to Biomedical Journals” of the International Committee of Medical Journal Editors (ICMJE)¹. According to this document, authorship or co-authorship cumulatively require:

1. Contribution to study conception or design; participation in data acquisition, analysis, and interpretation;
2. Participation in manuscript writing and critical reviewing;
3. Approval of final version for publication;
4. Agreement in study accuracy and integrity.

Authors must meet specific authorship criteria and their order in the manuscript should follow ethical principles. Authors should not be included solely by virtue of their institutional positions. All collaborators who do not meet authorship criteria should be listed in the “Acknowledgements” section.

¹ Recommendations for the Conduct, Reporting, Editing, and Publication of Scholarly work in Medical Journals [Assessed 30-12-2019]. Available at: <http://www.icmje.org/icmje-recommendations.pdf>



17.

ACKNOWLEDGEMENTS

Dr. José Chaves Caminha chaired the Scholarship and Awards Committee since 2008, a position he resigned in 2018 due to illness. DEFI bears public witness to the excellence of his work as Chairman of the Scholarship and Awards Committee, where his professionalism and tremendous human dimension, decisive in generating consensus, have always stood out. Dr. José Chaves Caminha will be remembered with nostalgia and great esteem.

DEFI Board of Directors and Research Coordinating Office acknowledge CHUP authors and researchers who contributed to the yearbook. To the Scholarship and Prize Committee and its secretariat, we express our recognition for another year organizing and appreciating scientific works. To the Training Centre, we thank the excellent cooperation in organizing courses, workshops, and scientific congresses. To Dr. Sílvia Álvares, director of *Nascer e Crescer* medical journal, editorial board, and reviewers we thank the commitment and involvement in regularly editing the scientific journal.

DEFI

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DEETI

DEPARTMENT OF EDUCATION, TRAINING AND RESEARCH | ANNUAL REPORT



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