



School of Health Sciences

ANNUAL REPORT

2013–2014

University of Minho

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1. INTRODUCTION & GENERAL OVERVIEW

The present report provides an overall view of the School of Health Sciences, including its Research Institute (the ICVS – Life and Health Sciences Research Institute), and the main strategies and progresses in the academic year 2013-2014. The detailed data on the scientific and pedagogical activities are presented in individual attached reports.

The School of Health Sciences (ECS) continuous to be highly committed to its mission and proud of continuously succeeding in achieving its educational goals. This results from the collaborative dedicated commitment of students, researchers, faculty and staff. In 2013-2014, the 8th cohort of medical students graduated and is ready to start practicing medicine in every setting and with the required standards.

To accomplish the required international standards of quality in medical education, the ECS maintained its engagement in important educational and research initiatives. At the educational level, it should be highlighted that the ECS was granted the Aspire Certificate of Excellence by the Association of Medical Education in Europe (AMEE) in the domain of student's engagement; this certificate was given until now to only few medical schools around the globe. The ECS continued and reinforced the international collaboration with the National Board of Medical Examiners (NBME-USA) and the European Board of Medical Assessors (EBMA), as well as with several international medical schools.

The on-going project "Simulation Center of Clinical Skills and Laboratory Scientific Skills" has permitted us to expand our efforts in continuous medical education and post-graduation. Indeed, this project has allowed the establishment of innovative approaches for the acquisition and training of laboratory skills by medical students, which resulted in the positive improvement in the assessment of clinical skills and laboratory competences. It also expanded the activities of these skill laboratories to residency programmes, with results that demonstrate its beneficial impact for participants and strengthen the prestige of our training programmes in other settings (e.g. medical post-graduation, where there is a clear deficit in Portugal).

The ECS completed the third year of the new pathway, the "Four-year Graduate Entry programme" of the medical degree, approved by the University of Minho and by the National Accreditation of Higher Education Agency (A3ES) in April 2011. This programme is available for students holding a bachelor or "licenciatura" degree. This experience has provided positive results with students entering the clinical years with similar success as their colleagues from the regular pathway.

At the international level it is relevant to mention that the ECS has established several partnerships with other prestigious medical schools around the globe and has participated in several international collaborative efforts such as the Global Learning Health Opportunities (GHLO). As a result, there have been some exchanging programmes involving students and faculty members, with very positive feedback. In addition to this collaborative effort, the ECS has been requested to provide consultancy services to a new medical school in Brazil, which resulted in the establishment of a collaboration agreement that represents not only a new challenge but also a considerable revenue source. The increasing demand on the international activities led the ECS to create an international relations office.

A note also to highlight the creation of a spin-off company dedicated to medical education services. This has largely resulted from our efforts to create an assessment software, *medQuizz*®, for written exams. This software proved to add value to the assessment process within the ECS, since students have greater control to monitor their progression during the exam, while teachers can rapidly identify questions with potential problems (to act in accordance before results are announced) and have an immediate detailed report on the quality of the exam and on student's performance. Of relevance, this software has gained the interest of several prestigious international medical education institutions.

A medical school cannot exist without healthcare institutions. We have settled, in the Minho region, innovative partnerships with all healthcare institutions (and even beyond the Minho region) based on an excellent cooperative environment. The ECS continued to nurture these relevant partnerships to assure the best setting for medical training and clinical care. Another important milestone was the formal establishment of the Clinical Academic Centre-Braga Association (2CA-Braga), in January 2012, in partnership with the *Hospital de Braga*. The 2CA-Braga infrastructures are located at both the Hospital and the ICVS and it has specific staff devoted to the development of clinical research, including clinical trials. Its success, at the national level, has been remarkable and has leveraged significantly clinical research in the region.

At a national policy level, the ECS keeps participating (and presently coordinating) the Board of Portuguese Medical Schools. In this forum, the ECS is actively supporting the proposal of a new exam for the assessment to Medical residencies (and there are very promising developments in this context), and also several other proposals such as those intended to adjust the student's assessment to Medical Schools, efforts in post-graduation activities and in the recognition of medical degrees. Overall, these cooperative efforts have provided a coordinating action and position for the Medical Schools in Portugal.

At the post-graduation level, the ECS keeps investing in developing programmes for formal training towards Master and PhD degrees or for professional improvement. In 2013-2014, a significant number of students continued to choose the ECS for the Master Programme in Health Sciences, the PhD programme in Medicine and the PhD programme in Health Sciences, as well as for the International Postgraduate Programme of advanced courses. Of notice, another of our programmes, now specifically in health sciences in the context of the industrial setting was recognized by the Portuguese Foundation for Science and Technology (FCT) with specific support (scholarships and training funds) provided in the second national call for PhD programmes.

Regarding research activities, the creation of the ICVS/3B's-PT Government Associate Laboratory in March 2011, the first Associate Laboratory (AL) centred in the University of Minho, represented a major achievement for the ICVS and the 3B's. The ICVS/3B's AL continues to focus its research in the interface Health-Sciences/Technologies, pursuing the goal of expanding the boundaries of current knowledge and developing translational activities on innovative prophylactic, diagnostic and therapeutic solutions.

It is also noteworthy the sustained increase of researchers integrated in the ICVS (including PhDs), totaling 275 researchers in 2013. This was accompanied by an increase in scientific productivity within multidisciplinary Research Domains, reflected in the number of publications as well as in their average Impact Factor (IF). In this context, a significant amount of external/competitive funding was captured, not only from the national governmental funding agencies (FCT and QREN) but also from the European FP7 and other national and international institutions/industries, involving a growing network of national and international scientific collaborations.

Due to continuous growth of the ECS, the number of academic and non-academic members has also increased. The incorporation of new members has been in general extremely positive and their integration brought added value. This integration has been achieved in parallel with the effort to improve the scientific and pedagogic quality of the academic staff. The ECS has continuously monitored the performance of every staff member in several academic domains (scientific, pedagogic and managerial); a similar monitoring policy has been put forward in what regards the non-academic staff.

From the financial perspective, 2013-2014 continued to be a very difficult period for the University as a whole, and as a consequence for the Medical School. To face such demanding times, the ECS and the ICVS have significantly expanded their sources of competitive funding in parallel with a strict financial management. This has mitigated the detrimental impact of reduced

budgets and assured the conditions for the continuous development and consolidation of the ECS/ICVS project.

2. OBJECTIVES AND STRATEGIES IN 2013-2014

During its fourteen years of existence, the ECS has achieved significant success in its educational programmes and research activities. The major goal established for 2013-2014 was to balance the consolidation of the ECS project with its engagement in new educational and research initiatives, building on existing strengths, namely the new pathway of the medical degree (the “Four-year Graduate Entry programme”) and the capacity of ICVS to perform internationally cutting-edge research within the context of the ICVS/3B’s AL, as well as the remarkable success in the development of clinical research achieved by the Clinical Academic Centre – Braga, Association (2CA-Braga).

To achieve these aims, we focused on:

- continuous improvement of the pedagogic and scientific quality of the ECS project;
- consolidation of the new pathway, the “Four-year Graduate Entry programme”, which completed its third year in 2013-2014;
- strengthening national and international collaborations for the graduate and post-graduate (Master and PhD) programmes;
- applying to the FCT calls for Doctoral Programmes funding;
- supporting our internal and external efforts to promote the best practices in medical education and research;
- strengthening and investment in exploring new perspectives for the expansion of our research activities within the context of ICVS/3B’s AL;
- developing clinical research through the 2CA-Braga, including clinical trials, in collaboration with international industrial partners;
- the formalization of satellite research nucleuses on Public Health and on Medical Education in the context of the ICVS;
- launching the process to start the construction of the animal facility building which should be finalized by middle of 2015;
- recruiting new staff members (academic, non-academic and research) who bring extra-value to the project and promotion of staff development;
- increasing the visibility and projection of the ECS/ICVS project at national and international levels.

3. ACTIVITIES AND ACHIEVEMENTS IN 2013-2014

Medical Degree Course

Six-year Integrated Master Programme in Medicine

A separate report (*Snapshot Medical Degree-Assessment of the Academic Year 2013-2014*), prepared by the Medical Education Unit, detailing the pedagogical activities and results undertaken in the academic year 2013-2014 is presented as Supplementary Report. A brief mention to important highlights follows.

The academic performances available show no striking variations from the previous year. The success rates in the majority of the curricular units of the first 3 years were equal or above 70%. These results are positive, in particular when considering that in the University of Minho, the overall success rate of courses in the first 3 years is of approximately 60%. As in the past, the highest failure rates are observed in the first year of the Medical Degree. The minimum approval rates in courses in the final 3 years is 88%, proving that, in terms of academic performance, students who successfully perform in the first years continue to thrive in the remaining of the curriculum.

In the year 2013-2014, 128 new students were admitted via the national admission process (126 under the general regime and 2 under the special regime for students from the Azores and Madeira Autonomous Regions and immigrants). Additionally, 2 new students were admitted through special regimes for students from Portuguese speaking countries, 1 student was reinstated and 1 student transferred from another medical school. The total number of admitted students was therefore 130. The total number of students with valid registrations was 123. For the national admissions process (general contingent), the lowest entrance grade for the newly admitted students was 179.20 out of 200. Sixty nine percent of the students admitted under the general admission regime chose ECS as their first option.

The gender balance of the new entrants in 2013-2014 was 69% female and 31% male students. Regarding the regional origin of students, 59% come from the District of Braga, 26% from the District of Porto and 15 % from other Districts of the Country.

Four-year Graduate Entry Programme in Medicine

In 2013-2014, we continued with the new pathway “Four-year Graduate Entry Programme” for graduate students. In this programme, the selection process is within the full control and responsibility of the ECS. Applicant selection was a 3-step process: (1) compliance with administrative criteria defined by the admissions process regulations which included holding any previous degree with a final mark equal or above 14/20 points; (2) written examination of knowledge which consisted of 100 multiple choice questions on biology, mathematics, chemistry and physics; (3) Multiple Mini-interviews (MMIs). There were 152 applicants to this Programme (8 applicants/place). The top-scoring 28 students were admitted to the MMIs. From these 18 students were admitted to the “Four-year Graduate Entry Programme” in 2013-2014, 17 with valid registrations.

Global number of undergraduate students in the medical programme

The global number of undergraduate students registered in the medical programme in the current academic year (2013-2014) was of 123 in the first year, 138 in the second year, 144 in the third year & first year *Graduate Entry Programme*, 147 in the fourth year & second year *Graduate Entry Programme*, 139 in the fifth year and 101 in the sixth year. The total number of students amounts to 792 (which represents an increment of 51 students in comparison to the last report).

Medical Students Associations: NEMUM and *Alumni Medicina*

NEMUM Report

NEMUM (*Núcleo de Estudantes de Medicina da Universidade do Minho*) is the official representative of medical students at the University of Minho. It is a non-profitable organization, composed of students working for students and, this year, celebrated its twelfth anniversary.

Aside from its commitment to represent the students, NEMUM is also responsible for the organization of several activities of many kinds, from scientific congresses and informal discussions, community health awareness actions, cultural and recreational activities to scientific and clinical exchanges among countries all over the world.

In regards to NEMUM's relationship with ECS/ICVS, it has been based on trust and total availability, allowing for opinions and ideas to be freely shared and discussed from both sides. This is only possible due to the openness of the ECS/ICVS to their students and their representatives, and the ever-increasing conjoint pursuit of better opportunities for the students.

In 2014, NEMUM kept organizing desirable activities for its students and challenging them with new workshops and training on several important personal, technical and medical skills. For instance, NEMUM organized the 10th Professor Joaquim Pinto Machado Cultural Week; several clinical competence workshops; monthly public debates on medical subjects; the 7th Minho Medical Meeting, with the theme "From conception to the newborn"; the 3rd Laboratory Objective Learning, in which students were taught several advanced laboratory competences by ICVS researchers; many health screenings to the population; Professional and Research Exchange Programmes with more than forty incoming and outgoing students; the Teddy Bear Hospital; the 4th Vital Run, a running event held at Braga's city center; the Happy Village, a new project that aimed at bringing health improvement and accident prevention tips to an elderly and isolated population in a rural district.

NEMUM is constantly contacting and cooperating with other entities, namely the University of Minho Students' Association, the University of Minho Medical *Alumni* Association, the Portuguese Medical Students International Committee, the Portuguese Medical Association and the International Federation of Medical Students' Associations, in order to promote and improve the developed activities.

It is NEMUM's intention to continue its work and, most of all, to consolidate and improve the manner in which it organizes itself and prioritizes the activities that are more important and relevant for the students, to complement medical students' education, in social, technical, personal, cultural and scientific aspects.

Summing up, this association is obviously important to ECS's students, and also to ECS itself, boosting the interest and curiosity of the entire community for science and learning.

NEMUM's Executive Board for 2014: Catarina Vilaça Pereira (President); Rafael Vasconcelos (Vice-President for Medical Education); Patrícia Fino (Vice-President for Internal Bussiness); Rute Cruz (Vice-President for External Relations); Diana Pedrosa (Treasurer).

The NEMUM President, Catarina Pereira

Alumni Medicina Report

«*Alumni Medicina (Núcleo de Antigos Estudantes de Medicina da Universidade do Minho)* is a non-profit association that includes all *alumni* of ECS (*School of Health Sciences*), providing a collective voice for its members. Dedicated to serve the best interests of alumni, students and faculty, our association is raising the basis to support, in a short-term, the ECS project.

In 2014 a great effort was made in order to increase the variety of informative sessions and post-graduate courses offered reaching more people and trying to create partnerships with sponsoring entities. Therefore, we were able to organize the informative session “(Un)expected realities – discussing medical internship” in cooperation with the Braga Section of the Portuguese Medical Association, expanding beyond the borders of ECS and promoting contact with medical doctors from different universities.

We were also able to organize the following courses: “Psychiatry front and back” (December 14th), “Course of Thoracic Imagiology” (May 23rd), “Practical course of EKG interpretation” (June 7th) and “Course of Neurodevelopment and Pedopsychiatry” (June 28th). The percentage of participants who did not study in our medical school in these initiatives has been increasing over the years and positive feedback has been raising the will to improve in further editions. Collaboration with ECS was maintained, helping organize the 2nd editions of “iPsiquiatria” and “iNeurologia” (March 20th-22nd), introductory courses targeted to 1st year interns and organizing the 1st “Talking about Medical Education” in cooperation with the Medical Education Unit of ECS.

In 2014 *Alumni Medicina* maintained the cooperation between *Alumni* and current students through their students association (NEMUM). “Medical Talks”, initiated in previous years, focused the subjects of “Chronic patient – sexuality for all”, “How to live with pain” and “The importance of sleep”. In order to increase interaction between former and actual students, we created “Talking with *alumni*” where *alumni* are invited to talk about their peculiar medical careers to actual students. We were also able to economically support TMUM’s (Tuna de Medicina da Universidade do Minho) 1st musical festival.

As in previous years, *Alumni Medicina* was still able to support all students with financial difficulties that reached for help. The total amount invested in our social emergency program was higher than that in the previous year. At the moment, efforts in fund raising are about to be made, regarding further educational support and scientific programmes at the ECS.»

The *Alumni Medicina* President, Pedro Morgado

Post-graduation

The ECS continues to focus its post-graduation activities in two main areas: formal master and PhD training programmes and long-life education training for professionals in health sciences. During the academic year 2013-2014, 14 students formally enrolled in the Master Programme in Health Sciences, 8 in the PhD Programmes in Medicine (of notice, 4 of which within the MD/PhD track) and 3 in the PhD programme in Health Sciences. In addition, within the inter-institutional PhD programme in Aging in Chronic Disorders, which was established in collaboration with the Faculty of Medicine, University of Coimbra, and Faculty of Medical Sciences, New University of Lisbon, 9 students were selected in 2013-2014 of which 5 will formally register at the ECS in the academic year 2014-2015.

In the academic year 2013-2014 several students completed their postgraduate training, specifically: 7 Masters, 3 PhD in Medicine and 7 PhD in Health Sciences.

All together the ECS had 28 Master and 96 PhD students enrolled at the end of the academic year (July 2014).

To highlight, the fact that the ECS was awarded, in the end of the academic year, with specific funding, in response to the call by the Portuguese Science Foundation (FCT), for the PhD Programmes in Medicine and for the inter-institutional PhD Programme in Aging and Chronic Diseases, which formally started as such in the academic year 2013-2014. This funding ensures 20 and 36 PhD fellowships, respectively, to be distributed to four cohorts of 5 and 9 students, respectively, to admit yearly, and additional specific training funds for the programmes.

The ECS again responded to the FCT second call for funding PhD programmes, presenting a proposal for a PhD Programme in Health Sciences in the Industrial Setting with several partner companies (José Mello Saúde; TMG-Textil Manuel Gonçalves; Fundação Bial; Eurotrials) and with the spinoffs associated with the ICVS/3Bs (BNML-Behaviour and Molecular lab; iSurgical3D; Stematters; iCognitus; Enlightenment). This programme was selected for funding with 36 PhD scholarships to be distributed by four cohorts of 9 students to admit yearly, and additional training funds for running the training activities. The ECS also participates in the PhD Programme in Advanced Therapies for Health, in partnership with the 3B's Research Group, which was selected for funding with 16 PhD scholarships to be distributed by four cohorts of 4 students to admit yearly, and additional training funds for running the training activities.

At the same time, the ECS continued to promote courses in cutting-edge subjects in medicine and in biological sciences. From September 2013 until the end of July 2014, 46 courses and workshops counted with 943 participants, of which 75% were medical doctors. It is of notice that the number of participants originating from international institutions remains at about 10% and those from national institutions outside the University of Minho accounted this year for 69% of the participants. This increase in the number of courses and participants, which doubled the number of courses and participants from the previous academic year, indicates that the ECS/ICVS is strengthening the commitment for advanced training and continuous medical education.

The School's intention to promote clinical research is continuing, not only by enrolling MDs in translational research projects and clinical projects, but also by continuing to involve the participation of undergraduate students in laboratory rotations within the "Option projects" and within the MD/PhD Programme. In 2013-2014, we highlight that 4 students formally enrolled in the MD/PhD Programme, which was a record (now surpassed in the 2014-2015 enrolment of 5 students) and totalizes 14 students choosing to interrupt their MD training for a PhD thesis before completion of the medical degree. The MD/PhD Programme, as such, continues to be the only one in Portugal and one of the few in Europe.

Research

As previously mentioned, the ECS research activities are developed in the context of the Life and Health Sciences Research Institute (ICVS).

The ICVS is a research structure: i) fully incorporated within the ECS; ii) integrated in the national system of science since 2003, ranked with "Excellent", the maximum grade provided by the FCT's international evaluation panels (2003 and 2008); iii) member of the PT Government ICVS/3B's AL since 2011; and iv) associated member of the 2CA-Braga, in a partnership with the Hospital of Braga since 2012.

The research activities in the ICVS are organized into three Research Domains: i) Microbiology and Infection; ii) Surgical Sciences and; iii) Neurosciences - which are supported by laboratorial core units.

The distinctive aspects of the ICVS as a research unit are: i) the connection to the training of physicians and to health care institutions, reflected in the clinical scope of its research; ii) the interaction with research groups in the areas of technology, particularly within the context of the

ICVS/3B's AL; iii) the quality/differentiation of human resources, focused on a small number of topics with high critical mass; iv) an integrated, flexible and collegial organization, aiming at high-quality scientific outputs.

A detailed description of the ICVS activities/achievements in 2013 is reported in the ICVS Annual Report 2013 (see Supplementary Reports). In this section of the ECS report, we summarise below the main achievements of 2013, as well as the most relevant progresses registered during the period January-September 2014.

The ICVS/3B's-PT Government Associate Laboratory

The ICVS/3B's AL, launched in 2011, continued focusing its research in the interface Health Sciences/Technologies, pursuing the goal of expanding the boundaries of current knowledge and developing translational activities on innovative prophylactic, diagnostic and therapeutic solutions.

The activities of the ICVS/3B's AL resulted in the publication of 224 articles in ISI journals during 2013 - 70% in journals of the first quartile (Q) and 89% in journals of Q1 + Q2.

ICVS/3B's - AL / External Advisory Committee

According to the plan designed for the launching of the ICVS/3B's AL, an External Advisory Committee (EAC) was established, composed by an international panel of experts in relevant scientific and technological areas of Health Sciences and Materials Science and Engineering. This EAC exercises functions of internal evaluation/counselling and monitors all the ICVS activities, actively supporting the design, supervision and implementation of actions needed to achieve its mission. In 2013, the members of the EAC received a detailed activity report of the ICVS activities, identifying the achievements and the constraints, as well as a Strategic Programme for 2015-2020.

Moreover, the EAC was involved in two site-visits to the ICVS/3B's AL, in October 2013 and January 2014. During the visits, the members of the EAC had the opportunity to visit the ICVS and the 3B's facilities, as well as to interact with the different bodies: Direction Board; Principal Investigators; Researchers; and Postgraduate students.

In the reports that resulted from the two site-visits the EAC acknowledged that the absence of a financial contract in the context of the ICVS/3B's AL, for the recruitment of researchers and

technical staff, was still a main constraint during 2013. Of note, the level of governmental funding of the ICVS/3B's has not been compatible with the high level of scientific productivity, particularly when compared to other research units of similar quality within the Portuguese R&D network. Considering this critical limitation, the ICVS/3B's AL, has specifically requested funding for technical and specialized administrative staff to the FCT, in the context of the application/project delivered in 2013 regarding the period 2015-2020. Taking into consideration the high level of scientific productivity of the ICVS, we have solid expectations that this funding will be granted by the Portuguese Government.

The Clinical Academic Centre – Braga, Association (2CA-Braga)

In 2013, the ICVS has developed clinical research through the 2CA-Braga, including clinical trials in collaboration with international industrial partners. The 2CA-Braga combines a team of researchers, physicians and other health professionals, to which is associated a team of project managers, nurses and clinical trials coordinators/monitors, ensuring a professional management of the 2CA-Braga.

This strategy allowed the 2CA-Braga to achieve the following goals in 2013: 5 clinical research projects of investigator initiative (funded by the European Commission - FP7 - or nationally, by the FCT); 22 clinical studies of commercial nature (ongoing or under analyses); 1 validation study of medical devices. It should be highlighted that the dynamics of the 2CA-Braga productivity increased during 2014.

ICVS – achievements and challenges 2013

Infrastructural funding and construction of the “animal facility” building

As stated in previous reports, the lack of an animal facility with the required capacity has been a major bottleneck of the ICVS. Fortunately, this constraint is now being solved. Indeed, the launching of a public call for tenders by the UMinho for the construction of this infrastructure, as well as the selection of applicants, was a critical milestone in 2013. Additionally, internal funds have been gathered by the ECS/ICVS through a successful application to the CCDR-N/QREN, corresponding to a total amount of 3 million €. Therefore, the construction of the “Biotério” animal facility in the adjacent area of the ECS/ICVS building should start in 2014 and be finalized by middle of 2015.

Endoscopic Surgery Teaching and Research Laboratory

During 2013-2014, the ECS maintained the effort of allocating as many resources as possible to the ICVS research projects, through the support of the Research Domain activities, as well as through the reinforcement of scientific equipment and laboratories. An important achievement during 2013, as previously reported, was the installation of the new “Endoscopic Surgery Teaching and Research Laboratory” for training and research in minimally invasive surgery, resulting from a consortium between the ICVS and the international companies Surgiris and Karl Storz, GmbH, corresponding to an investment of 2 million €.

Scientific outputs

The ICVS pursued the strategy of implementing a sustained increase in scientific productivity within multidisciplinary Research Domains, reflected in a very important increase in the number of publications, as well as their average Impact Factor (IF). During 2013, the ICVS was able to publish 179 papers in international peer-reviewed journals. Of those, 145 are referenced in ISI, in addition to other 34 that are referenced in Scopus or in Pubmed. In addition, 1 international book and 7 international book chapters were published (3 referenced in ISI). Furthermore, the ICVS promoted 177 participations in congresses (55 National and 122 International).

Among the articles published in 2013, 162 were produced within the three research domains (Microbiology and Infection, Neurosciences and Surgical Sciences), with 85% in Q1-Q2 and 59% in Q1, with an average IF of 4.7; in addition to 17 articles published in the fields of Medical Education and Public Health. Moreover, the ICVS continued to strongly contribute for the successful conclusion of PhD and Master theses, as specified above in Post-graduation section.

Technological outputs and Services

The ICVS also fosters collaborations between its researchers, at the forefront of Biomedical advances, and partners from Biomedical Industries. In 2013, industry-sponsored R&D was performed in areas of mutual interest between sponsors and the ICVS research domains, involving the following companies: TECNIMEDE; Fundação BIAL; and BIOGEN.

In 2013, the ICVS continued providing the Molecular Diagnostics Service (SDM), by providing the genetic diagnostics of intellectual disability related disorders, with a CGH microarrays service for the screening of microdeletions and duplications of chromosome regions.

Additionally, in 2013 the ECS/ICVS launched the spin-off ICOGNITUS4ALL - IT SOLUTIONS, LTD., devoted to the development of software for computer based assessments and for research activities. Of notice, the first solution developed and commercialized by the iCognitus was the software medQuizz®.

Furthermore, the ICVS was associated with the launching, in 2014, of the Spin-off “Enlightenment”, which is devoted to the development of biophotonics (namely spectroscopy) tools. These tools can be designed for biotechnology purposes - in order to improve the understanding and control of distinct biologic processes - and for medicine, by helping in the diagnosis and the monitoring of subjects.

Awards

The international recognition of the ICVS research activities is also reflected by the granting of 12 National and 3 International scientific awards, including: Prize Melo e Castro – Santa Casa da Misericórdia de Lisboa; Bolsa D. Manuel de Mello; Young Entrepreneur 2013 – ANJE Award; Grünenthal Pain Award; Travel Grant United European Gastroenterology Week 2013; National Scholar Award United European Gastroenterology 2013.

ICVS Interaction with the Medical Degree Course

The ICVS pursued supporting the ECS’s PhD and Master Programmes, as well as the MD/PhD Programme, with an increase in the number of applicants and preparatory laboratory rotations. The combined teaching and research expertise of the ECS/ICVS PhD staff contributed to the successful training of medical students, promoting the interaction between different fields of biomedical research and medical education, as referred above in the Post-graduation section.

Doctoral Programmes Funded by FCT

The ICVS is the host institution for most of the Master and PhD thesis projects, within the formal Master and PhD Programmes offered by the ECS as already summarized above in the Post-graduation section. As also referred in that section, the following doctoral programmes are currently funded by FCT through the allocation of fellowships and additional specific training funds for the programmes : the MD/PhD Programme (20 fellowships to be distributed to four cohorts of 5 students, to admit yearly); the Doctoral Programme in Aging and Chronic Diseases, in partnership with the University of Coimbra and the New University of Lisbon (36 fellowships to be distributed to four cohorts of 9 students, to admit yearly); the PhD Programme in Health

Sciences (applied), in collaboration with leading national companies with relevant activities in the field of Health Sciences (36 fellowships to be distributed to four cohorts of 9 students, to admit yearly); the PhD Programme in Advanced Therapies for Health, in partnership with the 3B's Research Group (16 fellowships to be distributed to four cohorts of 4 students, to admit yearly).

ICVS Staff

In 2013, it is also to emphasize a sustained integration of a significant number of researchers in the ICVS team, including PhDs, totalizing 275 researchers [83 PhD researchers (36 ECS faculty, 15 Assistant Researchers, 1 Marie Curie and 31 Post-docs) and 192 post-graduation students (100 PhD students, 29 Master students and 63 Research Assistants)], supported by 18 members of the non-academic staff (7 administrative and 11 specialized technicians, with salaries supported by the ECS).

4. ARTICULATION WITH THE NATIONAL HEALTH SYSTEM

The ECS has set up an innovative articulating strategy with the National Health System. The key element of the strategy is the multicentered approach based on interinstitutional partnerships within the legal framework concerning the articulation between the Medical Schools and the Health Services (*Portaria 36/2002*, a legal document from PT Government). The ECS is institutionally articulated, under the terms established by law, with the Regional Health Administration - North (ARS - N) and more specifically with the *Hospital de Braga, Centro Hospitalar do Alto Ave - Unidade de Guimarães, Unidade Local de Saúde do Alto Minho - Viana do Castelo/Ponte de Lima, Hospital Pedro Hispano (Matosinhos), Hospital Joaquim Urbano (Porto), Casa de Saúde do Bom Jesus (Nogueiró – Braga)* and with Health Centres in the Northern Regions of Portugal.

The results obtained with this strategy have been extremely positive at multiple dimensions: i) pedagogical activities, through an increased involvement of health professionals in the ECS ; ii) research activities, as evidenced by the number of attending physicians engaged in academic and research activities and by the creation of Clinical Academic Centres; and iii) assistance care level, by the number of ECS faculty members with dual affiliations with these health care institutions. Importantly, in a setting of consolidation is the observation that the level of commitment with academic activities has persisted, despite the increasing number of editions of the medical degree. The renewal of the clinical staff involved in academic activities has also progressed at a

steady level and the quality of the clinical teaching continued to be recognized by students and physicians, and the presence of the students in the affiliated hospitals continues to be extremely well appreciated.

The coordination of this interplay by the Coordinating Committees (*“Comissões Mistas”*) has been very efficient. The Committees are appointed to decide on matters of relevance for the coordination of activities between the ECS and the Health Services. The established Committees have adopted a Protocol that proved to be very efficient and became a central piece for the development of an efficient inter-institutional collaboration. This Protocol defines the model of cooperation (namely the Clerkship coordinating groups) in what concerns the clinical training of the medical students. These regulations cover the basic guidelines for the participation of the Health Services in the undergraduate clinical training, the competences and responsibilities of each of the participant institutions, and the term of office of the clinical supervisors and of the clinical tutors.

The Clinical Coordinating Groups, Supervisors, Tutors at Affiliated Hospitals and Health Centres are listed in Appendix III.

5. ECS GOVERNING BODIES, SUBUNITS AND COORDINATING BOARDS

At present the main governing bodies, subunits and coordinating boards of the ECS are as follows.

Governing Bodies

- The School's Council
- The School Presidency (the President and the Vice-Presidents)
- The Scientific Council
- The Pedagogical Council
- The Advisory Council of the School

Coordination Boards

- The Course Committees for Master and Doctoral Programmes
- The Coordination of Post-graduation

The School Subunits

- The ECS Scientific-Pedagogical Subunits: the Scientific Areas
- The ECS Research Subunit: the Life and Health Sciences Research Institute

The competences and the present composition of these bodies, boards and subunits are presented in Appendix I.

6. HUMAN RESOURCES

Academic staff

As stated in former reports, the School is paying careful attention to the recruitment and promotion of academic staff. For that purpose, the ECS has established its own benchmarks/recommendations for academic progression, which are known by all members of the faculty (and by those that express their interest in joining the faculty). It is important to assure that the selected candidates have an adequate understanding of the institutional project and commit to contribute to the development of its specificities, namely in what concerns seven essential aspects: (i) the perspective of the programme, as a project to be constructed and developed in a participated way within the School; (ii) the student-centred learning process, in which the traditional formal lecturing loses most of its significance; (iii) the horizontal integration of the curricular contents and the modular organisation of the curriculum, with the consequent transfer of management competences from individual subjects to the coordinators of the curricular areas or modules; (iv) the relevance of students and peer assessment, permanent monitoring and quality assurance; (v) the role of the Medical Education Unit, in terms of support, coordination and monitoring of the educational objectives; (vi) the role of research, as a crucial element for a research-based learning process, and (vii) the engagement in research activities (including submission of the research projects to the strategic guidelines and priority areas defined for the ICVS).

The Medical Education Unit has established annual faculty development programmes to target newly admitted staff and continued training for the existing staff. The programme is based on workshops, supplemented with small team activities and informal discussions that create opportunities for addressing individual issues.

In the academic year 2013-2014, the School has a faculty of 83 members (40.20 Full Time Equivalent) of which 42 are PhDs. The faculty includes: 5 Full Professors, 9 Associate Professors, 5 Assistant Professors and 64 invited teachers (1 invited Full Professor, 3 invited Associate Professors, 21 Assistant Professors and 39 Invited Teaching Assistants). Additionally, the ECS counts with 2 Permanent Invited Professors, 8 Visiting Professors and many other collaborators

particularly related to the Clinical Residencies. The full composition of the regular teaching staff is listed in Appendix II, together with their qualifications, academic position and scientific area (for a matter of precision, the academic position is indicated in Portuguese). The Clinical Supervisors and Tutors who supported the clinical training of the students in the Hospitals and Health Centres during the academic year 2013-2014, in a total of around 600 clinicians, are listed in Appendix III. In terms of the faculty profile, it is important to highlight that 76% (63 out of 83) of the regular staff members are MDs.

Sabbatical Leaves during 2013 and 2014

In 2013, two faculty members benefited from Sabbatical Leaves, which allowed them to undertake stays at international recognized research centres, as follows:

- João Sousa, at the Neurosciences Research Institute, University of California, Santa Barbara, CA, USA (from 01-01-2013 to 30-06-2013).
- Paula Ludovico, at the Laboratory for Functional Biology, Katholieke Universiteit Leuven, Belgium (from 01-02-2013 to 31-07-2013).

Additionally, in 2014 the following two other Sabbatical Leaves were approved for the next academic year 2014-2015:

- Joana Palha, at the Alzheimer's Disease Research Center, Karolinska Institutet, Stockholm, Sweden (from 01-09-2014 to 31-08-2015).
- Margarida Correia-Neves, at Alzheimer's Disease Research Center, Karolinska Institutet, Stockholm, Sweden (from 01-09-2014 to 31-08-2015).

Non-academic staff

Appendix II presents the non-academic staff members and their qualifications, position and allocation, in a total of 34 permanent staff and 5 collaborators. The academic profile of the staff is above the average situation in the Portuguese higher education system (72% of the staff have a higher education degree). It also deserves to be mentioned that part of the staff is allocated to the research institute, given that the ICVS cannot hire personnel; this represents a significant effort from the ECS to guarantee the best possible conditions for the research activities in the ICVS and an important challenge for the future.

The ECS is proud to say that a great care has always been given to assure that every member of the non-academic staff can also undergo educational activities to improve their qualifications.

7. FINANCIAL RESOURCES

Since 2000, within a contractual programme established with the University, an annual budget has been allocated to the ECS to cover overall expenses (salaries, current expenses and equipment). The budget allocated to the School in 2014 was of 4.63 million Euros, which represented a reduction of about 2% from 2013.

To diminish the detrimental impact of the reduced budget and to assure the conditions for the continuous development and consolidation of the ECS/ICVS project, we maintained a strict financial management focused on cost saving in order to shift as many resources as possible to pedagogical and research activities. Additionally, the ECS and ICVS continued and reinforced the strategy of increasing and diversifying additional sources of funding. As a result of this effort, a significant amount of external/competitive funding was obtained, not only from the national governmental funding agencies (FCT and QREN) but also from the European FP7 and other national and international institutions and industries.

8. PLANS FOR 2014-2015

The project of the ECS has been well established and progressing as planned. The major goal for the near future is to keep a permanent commitment to the benchmark of quality at the highest international level. Thus, we pursue continuous improvement, seeking to assure the best conditions to reinforce the ECS dynamism.

At the educational level we will reinforce our commitment to:

- the development of the “Four-year Graduate Entry Programme” in Medicine that enters the fourth year in 2014-2015 and to the assessment of its pilot phase (first three years), as well as to the possibility to expand it to an International Programme;
- adjust and implement new pedagogic methods, namely “team-based learning” in specific areas of the study plans;

- continue developing the best practices of medical assessment, through the collaborative effort with the National Board of Medical Examiners (NBME-USA) and the European Board of Medical Assessors (EBMA). There is a commitment to adjust the existent, and to explore new, assessment tools that better reflect the acquisition of medical skills; these actions will proceed in parallel with the efforts in medical education research in this topic. This will be complemented with an effort to assure the quality, and subsequent certification, of the assessment process;
- reinforce the support to the longitudinal acquisition, training and assessment of clinical and laboratory skills, using well-established, but also innovative, methods and tools;
- further the structuring and organization of medical residency training programme and clinical fellowships programmes, as well as the development of new collaborations with our health-care partners, particularly through Clinical Academic Centres, and also fostering new collaborations with other research partners and several industrial partners;
- continue the internationalization of the ECS project, namely through the establishment of new partnerships with other prestigious medical schools around the globe, participating in several international collaborative efforts such as the Global Learning Health Opportunities (GHLO).

The construction and consolidation of the ECS pedagogical project will continue in parallel with the capacity of ICVS to perform internationally cutting-edge research. We will reinforce our commitment to:

- accomplish the construction of the animal facility building, a major bottle neck of the ICVS, which shall be finalized by middle of 2015;
- develop and consolidate the newly created satellite research nucleuses on Public Health and on Medical Education in the context of the ICVS;
- explore new perspectives for the expansion of our research activities within the context of ICVS/3B's AL;
- develop and expand clinical research through the 2CA-Braga in collaboration with national and international industrial partners.

The above plans, we believe, will have impact on the recruitment of the students/ researchers/ academics and also on more sustainable and diversified funding sources.

9. FINAL REMARKS

In summary, it is our belief that the core strategies and goals of the ECS for 2013-2014 were successfully accomplished. The most prominent strengths continue to be: i) the quality of the training of medical students and the reported high standards of their performance in healthcare institutions as physicians; ii) the quality of the research activities on-going at ICVS within the ICVS/3B's AL; iii) the innovative post-graduation activities and iv) the certification of the ECS project in all its dimensions at the highest international level. Such strong points have translated into a very favourable teaching and research environment at the ECS. The systematic monitoring of the project by a strong and informed leadership and by continuous external evaluation continues to be the premises needed to keep the ECS on the right track.

Certainly the success of the ECS project has only been possible by combining the appropriate mixture of competence, enthusiasm, commitment and team spirit. A strong word of praise and gratitude is due to all that have contributed to the ECS project. We assure that we will pursue our mission with the same determination and enthusiasm.



School of Health Sciences

APPENDIX I

ECS GOVERNING BODIES, SUBUNITS AND COORDINATING BOARDS

University of Minho

1. ECS GOVERNING BODIES, SUBUNITS AND COORDINATING BOARDS

ECS GOVERNING BODIES

The School's Council

The School's Council is the collegial representative body responsible for management and general coordination of the School. The School's Council integrates the President of the School, who presides, and meets quarterly (the present composition is presented in point 2).

The School Presidency

The School Presidency integrates the President and the Vice-Presidents of the ECS and, as the Directive Board of the ECS, oversees the management of the School, meeting on a weekly basis. The present composition is: Cecília Leão (President); Joana Palha (Vice-President for Post-Graduation); Jorge Pedrosa (Vice-President for Planning and Research); Nuno Sousa (Vice-President for Pedagogical Activities).

The Scientific Council

The Scientific Council is responsible for the scientific policy for the ECS, namely in what concerns the general guidelines for the planning and development of research, teaching and extension activities and matters related to the recruitment and promotion of the academic staff (the present composition is in point 2).

The Pedagogical Council

The Pedagogical Council is responsible for defining and supervising the pedagogical policy of the ECS undergraduate and post-graduate degree programmes (the present composition is in point 2).

The Advisory Council of the School

The present Advisory Council of the School (ACS) was nominated in 2011, meets every two years and its composition is as follows.

UMinho/ECS Members :

Rector of University of Minho (invited member) and the ECS Presidency (Cecília Leão, Joana Palha, Jorge Pedrosa and Nuno Sousa).

External Members:

Alistair Warren (University of Sheffield, United Kingdom); Arsélio Pato de Carvalho (University of Coimbra, Portugal); Fernando Lopes da Silva (University of Amsterdam, Holand); Joseph S. Gonnella (Thomas Jefferson University, United States of America); David Macfadyen (University of Edinburgh); Peter V. Scoles (National Board of Medical Examiners); Maria João Teixeira de Queirós (EUROTRIALS); Luís Portela (BIAL Foundation); President of *Administração Regional de Saúde do Norte Portugal (ARS-N), Portugal*; President of *Ordem dos Médicos, Portugal*

The external members have designated Prof. Fernando Lopes da Silva as the ACS Coordinator.

ECS COORDINATING BOARDS

The Course Committees for Master and Doctoral Programmes

The Course Committees are coordinated by ECS Pedagogical Council. Their main responsibilities include the daily management of the courses, promoting the coordination of curricular units, seminars, internships and other activities within each degree, and the monitoring of the development of the degree programmes proposing needed adjustments to the Pedagogical Council.

The ECS has four Course Committees: the Committee for the Integrated Master Degree in Medicine, the Committee for the Master Degree in Health Sciences, the Committee for PhD Degree in Medicine, including the MD/PhD programme, and the Committee for the PhD Degree in Health Sciences, including the PhD Programme in Health Sciences (applied).

The Coordination of Post-graduation

The Coordinator of the Post-graduation (presently, Joana Palha, Vice-President for Post-graduation) oversees all the postgraduate activities within the ECS.

The coordinators of the different Post– graduation Advanced Courses (International Post-graduate Programme) are listed in Post– graduation Report 2013-2014 (Supplementary Reports).

ECS SUBUNITS

The ECS Scientific-Pedagogical Subunits: the Scientific Areas

The Scientific Areas are the ECS organizational subunits, equivalent to the departments foreseen in the Statutes of the University of Minho, which constitute the basic cells of scientific-pedagogical organization and management of resources within each consolidated area of knowledge.

The ECS has four Scientific Areas, which are statutorily acknowledged: Biomedical Sciences, Pathology, Community Health and Clinics. The duties of the Scientific Areas are to coordinate the curricular development and delivery in the corresponding areas, and assure the implementation of the adequate educational strategies and methods. The Scientific Areas agglutinate and articulate the curricular areas of the Medical Curriculum promoting the articulation between them, thus guaranteeing the overall coherence of the curriculum, paying attention to and eliminating omissions or repetitions.

The present Scientific Areas Coordinators are: Fernando Rodrigues for Biomedical Sciences; Jorge Pedrosa for Pathology; Jaime Correia de Sousa for Community Health; Nuno Sousa for Clinics.

The Curricular Units and Modules of the Integrated Master Programme in Medicine and the corresponding Coordinators are listed in point 3.

The ECS Research Subunit: the Life and Health Sciences Research Institute (ICVS)

The ICVS is the research centre incorporated in the ECS, a subunit according to the ECS Statutes, in which the scientific and technological development activities of the School are developed. The ICVS has its own governing bodies, according to the rules for research units integrated in the national system of Science and Technology, namely the Director (presently, Jorge Pedrosa), the Scientific Council, presided by the Director, which integrates all the PhD members of ICVS and the External Advisory Committee.

2. PRESENT COMPOSITION OF THE SCHOOL'S COUNCIL, THE SCIENTIFIC COUNCIL AND THE PEDAGOGIC COUNCIL

The School's Council

Cecília Leão (President)

Jorge Pedrosa

Jaime Sousa

Fernando Rodrigues

António Gil Castro

João Bessa

Margarida Correia Neves

Nuno Sousa

Joana Palha

João Oliveira

Raquel Andrade

Sandra Pereira

Representatives of students of Medical Degree Course (2)

Representatives of students enrolled in the programs of the 2nd and 3rd cycles (1)

The Scientific Council

Cecília Leão (President)

Jorge Pedrosa

Margarida Correia Neves

João Cerqueira

Joana Palha

João Bessa

João Sousa

Fernando Rodrigues

António Gil Castro/Paula Ludovico

Jorge Correia Pinto

Nuno Sousa

João Oliveira

The Pedagogic Council

Academic Staff

Nuno Sousa (President)
Margarida Correia Neves
Paula Ludovico
Jaime Correia de Sousa
Fernando Rodrigues
Jorge Pedrosa
João Cerqueira
Manuel João Costa

Students

João Louro (6th year)
Fábio Silva Borges (5th year)
Ana Isabel Sá (4th year)
Sofia Leal Santos (3rd year)
Maria Inês Rebelo (2nd year)
Flávia Ribeiro Freitas (1st year)
Ana Filipa Cardoso (2nd cycle), Master student
Fábio Teixeira (3rd cycle), PhD student

3. INTEGRATED MASTER PROGRAMME IN MEDICINE: CURRICULAR UNITS AND MODULES COORDINATORS (2013-2014)

A – Six-year Integrated Master Programme in Medicine

Curricular Year	Curricular Unit Module	Coordinator
1st	Introduction to the Medical Degree Course	MANUEL JOÃO COSTA
	Molecules and Cells	FERNANDO RODRIGUES
	From Anatomy to Cellular Physiology	Paula Ludovico
	Molecular Genetics Foundations	Margarida Saraiva
	Proliferation Differentiation Cellular and Death	Paula Ludovico
	Functional and Organic Systems I	ARMANDO ALMEIDA
	Musculoskeletal System	
	General Introduction and Skin I	Ana Franky
	General Introduction and Skin II	Tiago Gil Rodrigues
	Digestive System	Carla Rolanda
2nd	Training in a Health Centre	JAIME CORREIA DE SOUSA
	First Aid	JOSÉ MIGUEL PÊGO
	Option Project I	FERNANDO RODRIGUES
	Vertical Domains I	CECÍLIA LEÃO
	Functional and Organic Systems II and III	ARMANDO ALMEIDA
	Cardiorespiratory System	
	Cardiovascular System	Jorge Correia Pinto
	Respiratory System	Maria João Batista
	Urinary System	Hugo Almeida
	Reproductive System	Cristina Silva
	Nervous System	
	Central Nervous System	João Bessa
	Peripheral Nervous System	João Cerqueira
	Endocrine System	João Carlos Sousa
	Family, Society and Health I	ALEXANDRE GOUVEIA
	Option Project II	FÁTIMA BALTAZAR
	Vertical Domains II	CECÍLIA LEÃO

A – Six-year Integrated Master Programme in Medicine (cont.)

Curricular Year	Curricular Unit Module	Coordinator
3rd	Biopathology and Introduction to Therapeutics	JORGE PEDROSA
	Musculoskeletal, immune and blood systems Inflammation/immunopathology	António Gil Castro
	Microbiology and Infection Pathophysiological mechanisms in host pathogen / interaction	Margarida Correia Neves
	Nervous, Digestive and Endocrine Systems Genetic and environmental pathophysiology's	Fátima Baltazar
	Cardiovascular, Respiratory and Urinary systems Multi-factorial diseases	José Miguel Pêgo
	Introduction to Community Health	LUÍS FIGUEIREDO
	Introduction to Clinical Medicine	JOÃO CERQUEIRA
	Family, Society and Health II	LUÍS SILVA
	Vertical Domains III	CECÍLIA LEÃO
4th	Health Centre Residencies I	JAIME CORREIA DE SOUSA
	Medicine I Residency	NUNO SOUSA
	Maternal and Child Health Residency	JORGE CORREIA PINTO
	From Clinical to Molecular Biology I	FÁTIMA BALTAZAR
	Option Project III	FILIPA RIBEIRO
	Clinical Neurosciences	JOÃO BESSA/JOÃO CERQUEIRA
	Neurology	João Cerqueira
	Psychiatry	João Bessa
	Vertical Domains IV	CECÍLIA LEÃO
5th	Health Centre Residencies II	CLÁUDIA BULHÕES
	Surgery Residency	NUNO SOUSA/JORGE CORREIA PINTO
	Medicine II Residency	NUNO SOUSA
	Optional Residencies	MARGARIDA CORREIA NEVES
	From Clinical to Molecular Biology II	FÁTIMA BALTAZAR
	Vertical Domains V	CECÍLIA LEÃO
6th	Health Centre Residency III- Final Training	JAIME CORREIA DE SOUSA
	Hospital Residencies - Final Training	NUNO SOUSA
	From Clinical to Molecular Biology III	FÁTIMA BALTAZAR
	Optional Project – Final Training	PATRÍCIO COSTA/MANUEL JOÃO COSTA

B – Four-year Graduate Entry Programme in Medicine

Fundamentals of Medicine	GIL CASTRO
M1 - Metabolism	Paula Ludovico
M2- Circulatory	Jorge Correia-Pinto
M3- Respiratory	Fátima Baltazar
M4- Genito-urinary	Patrícia Maciel
M5- Immunology and Infection	Margarida Correia- Neves
M6- Nervous and Locomotor	João Bessa
Community Health and Social Sciences and Humanities	PATRÍCIO COSTA



School of Health Sciences

APPENDIX II

ECS ACADEMIC AND NON-ACADEMIC STAFF

University of Minho

ECS ACADEMIC AND NON-ACADEMIC STAFF

Academic Year 2013-2014

Teaching staff

Name	Qualifications	Categoria (Status)
Maria Cecília L.P. Estrela Leão	PhD, <i>Agregação</i>	<i>Prof. Catedrática</i> 100%
Joana Almeida S. Pacheco Palha	PhD, <i>Agregação</i>	<i>Prof. Catedrática</i> 100%
Jorge Manuel Rolo Pedrosa	PhD, <i>Agregação</i>	<i>Prof. Catedrático</i> 100%
Nuno Jorge Carvalho de Sousa	MD, PhD, <i>Agregação</i>	<i>Prof. Catedrático</i> 100%
Jorge Manuel Nunes Correia Pinto	MD, PhD, <i>Agregação</i>	<i>Prof. Catedrático</i> 100%
Rui Manuel Rosário Sarmiento e Castro	MD, PhD	<i>Prof. Catedrático Conv.</i> 30%
António Gil Pereira de Castro	PhD	<i>Prof. Associado</i> 100%
Armando A.N. Pinto de Almeida	PhD	<i>Prof. Associado</i> 100%
Fernando José dos Santos Rodrigues	PhD	<i>Prof. Associado</i> 100%
João José F. C. de Araújo Cerqueira	MD, PhD	<i>Prof. Associado</i> 100%
Manuel João Tavares Mendes da Costa	PhD	<i>Prof. Associado</i> 100%
Maria de Fátima M. Baltazar	PhD	<i>Prof. Associado</i> 100%
Maria Margarida T. V. Correia-Neves	PhD, <i>Agregação</i>	<i>Prof. Associada</i> 100%
Patrícia Espinheira Sá Maciel	PhD	<i>Prof. Associada</i> 100%
Paula Cristina C. A. Monteiro Ludovico	PhD	<i>Prof. Associada</i> 100%
António Jaime Botelho Correia de Sousa	MD, PhD	<i>Prof. Associado Conv.</i> 50%
João D. C. S. Espregueira Mendes	MD, PhD	<i>Prof. Associado Conv.</i> 20%
Nuno Pedro G. F. Bento Borges	PhD	Prof. Associado Conv. 15% (FCNA-UP/CRUP)
Filipa Santos Costa Pinto Ribeiro Lacerda	PhD	Prof. Auxiliar 100%
João Carlos Cruz Sousa	PhD	<i>Prof. Auxiliar</i> 100%
João Miguel Seíça Bessa Peixoto	MD, PhD	<i>Prof. Auxiliar</i> 100%
José Miguel G. Moreira Pêgo	MD, PhD	<i>Prof. Auxiliar</i> 100%
Patrício Ricardo Soares Costa	PhD	<i>Prof. Auxiliar</i> 100%
Pedro Ricardo Luís Morgado	MD, PhD	<i>Prof. Auxiliar Conv.</i> 100%
Adhemar Longatto	PhD	<i>Prof. Auxiliar Conv.</i> 60%
John Samuel Yaphe	MD	<i>Prof. Auxiliar Conv.</i> 60%
Cristina Isabel Nogueira da Silva	MD, PhD	<i>Prof. Auxiliar Conv.</i> 50%
Ana Raquel Franky Gomes Carvalho	MD, PhD	<i>Prof. Auxiliar Conv.</i> 40%
Carla Rolanda Rocha Gonçalves	MD, PhD	<i>Prof. Auxiliar Conv.</i> 40%
Maria João R. Leite Baptista	MD, PhD	<i>Prof. Auxiliar Conv.</i> 40%
Pedro Alexandre L.A.G. Teixeira	MD, PhD	<i>Prof. Auxiliar Conv.</i> 40%
Rosete Mª Amorim N. Nogueira Cardoso	MD	<i>Prof. Auxiliar Conv.</i> 40%
Sandra de Fátima F. Martins	MD, PhD	<i>Prof. Auxiliar Conv.</i> 40%
Tiago Gil Rodrigues Oliveira	MD, PhD	Prof. Auxiliar Conv. 40%
Estevão Augusto Rodrigues de Lima	MD, PhD	<i>Prof. Auxiliar Conv.</i> 30%
Jorge de Almeida Berkeley Cotter	MD, PhD	<i>Prof. Auxiliar Conv.</i> 30%
Hugo Miguel V.L. S. de Almeida	PhD	<i>Prof. Auxiliar Conv.</i> 25%
Maria Belém Sousa Sampaio Marques	PhD	<i>Prof. Auxiliar Conv.</i> 25%
Nuno Miguel Sampaio Osório	PhD	<i>Prof. Auxiliar Conv.</i> 25%
Agostinho José Carvalho dos Santos	MD, PhD	<i>Prof. Auxiliar Conv.</i> 20%

Henedina da Conceição Araújo Antunes	MD, PhD	<i>Prof. Auxiliar Conv. 20%</i>
Maria José Teixeira Costeira Paulo	MD, PhD	<i>Prof. Auxiliar Conv. 20%</i>
Rui Filipe Oliveira Miguelote	MD, PhD	<i>Prof. Auxiliar Conv. 20%</i>
Rui Manuel Vieira Reis	PhD	<i>Prof. Auxiliar Conv. 20%</i>
Alexandra Sofia Lopes Miranda	MD	<i>Assistente Conv. 40%</i>
Ana Célia Caetano Catarino dos Santos	MD	<i>Assistente Conv. 40%</i>
Ana Luísa Carneiro Moraes de Sousa	MD	<i>Assistente Conv. 40%</i>
Aníbal Miguel Araújo Correia Ferreira	MD	<i>Assistente Conv. 40%</i>
Artur Jorge Gomes Vieira	MD	<i>Assistente Conv. 40%</i>
Carla Marina Mendonça Gonçalves	MD	<i>Assistente Conv. 40%</i>
Carlos Alberto Pereira Capela	MD	<i>Assistente Conv. 40%</i>
Cláudia Alexandra Parreira Bulhões	MD	<i>Assistente Conv. 40%</i>
Emanuel Carvalho Dias	MD	<i>Assistente Conv. 40%</i>
Hélder Novais e Bastos	MD	<i>Assistente Conv. 40%</i>
Isaac Leandro Campos Braga	MD	<i>Assistente Conv. 40%</i>
João Moreira Pinto	MD	<i>Assistente Conv. 40%</i>
José António Briote Mariz	MD	<i>Assistente Conv. 40%</i>
Luís Manuel Cunha P. Figueiredo	MD	<i>Assistente Conv. 40%</i>
Nuno Jorge Ramos Abreu da Silva Lamas	MD	<i>Assistente Conv. 40%</i>
Paulo Ricardo Oliveira da Mota	MD	<i>Assistente Conv. 40%</i>
Rui Miguel Fernandes Duarte	MD	<i>Assistente Conv. 40%</i>
Sara Cláudia Santos da Hora Gomes	MD	<i>Assistente Conv. 40%</i>
Tiago Domingues Barbosa da Frada	MD	<i>Assistente Conv. 40%</i>
Vítor Hugo da Eira Pereira	MD	<i>Assistente Conv. 40%</i>
André Santa Cruz João	MD	<i>Assistente Conv. 30%</i>
Sara Manuela B. Marques de Oliveira	MD	<i>Assistente Conv. 30%</i>
Alexandre Manuel Câmara de Carvalho	MD	<i>Assistente Conv. 20%</i>
Ana Filipa Melo Coelho Carvalho Pimentel	MD	<i>Assistente Conv. 20%</i>
Ana Isabel da Silva Quelhas	MD	<i>Assistente Conv. 20%</i>
Ana Maria Lacerda A. Horta	MD	<i>Assistente Conv. 20%</i>
Ana Paula Lopes Gomes	MD	<i>Assistente Conv. 20%</i>
Ana Teresa Neves Magalhães	MD	<i>Assistente Conv. 20%</i>
Andreia Patrícia Vilas Boas da Silva	MD	<i>Assistente Conv. 20%</i>
António Pedro G. Rodrigues da Fonte	MD	<i>Assistente Conv. 20%</i>
Jean-Pierre Antunes Gonçalves	MD	<i>Assistente Conv. 20%</i>
João Nuno Braga Pimentel Torres	MD	<i>Assistente Conv. 20%</i>
José Alberto Pereira Miranda Lemos	MD	<i>Assistente Conv. 20%</i>
Luís Filipe Martins da Silva	MD	<i>Assistente Conv. 20%</i>
Maria João Barbosa Silva	MD	<i>Assistente Conv. 20%</i>
Patrícia Manuela Araújo Silva	MD	<i>Assistente Conv. 20%</i>
Pedro Coelho Soares Teixeira da Mota	MD	<i>Assistente Conv. 20%</i>
Ricardo Jorge Moreira Lopes Fernandes	MD	<i>Assistente Conv. 20%</i>
Vera Filipa Batista da Silva Trocado	MD	<i>Monitora</i>

Permanent Invited Professors

Damião José Gaspar Lourenço da Cunha	MD, PhD	<i>Prof. Conv./Colaborador</i>
Isabel Maria da Silva Castro	MD	<i>Prof. Conv./Colaborador</i>

Visiting Professors

Evandro de Oliveira, MD PhD, Prof. Titular (Universidade de Campinas, São Paulo)
 Gustavo Henrique Goldman, PhD, Prof. Titular (Universidade de São Paulo)
 Júlio Licínio (John Curtin School of Medical Research, Australian National University)
 Ma-Li Wong (John Curtin School of Medical Research, Australian National University)
 Maria de Sousa, PhD, Emeritus Professor, (Instituto de Ciências Biomédicas Abel Salazar)
 Osborne Almeida, MD, PhD, Full Professor (Max Planck Inst. of Psychiatry)
 Peter Vincent Scoles, MD (National Board of Medical Examiners)
 Rui Manuel Marques Fernandes da Costa, MVD, PhD (Fundação Champalimoud)

Non-Academic Staff

Name	Qualifications	Categoria (Rank)	Service
Maria Paulina D. Martins Santos	<i>Licenciatura</i>	<i>Secretária da ECS</i>	ECS Secretary
Ana Paula Salgueira Rodrigues	<i>Licenciatura</i>	<i>Técnico Superior</i>	International Relations Office/Medical Education Unit
Amandine Marques Azevedo	<i>Licenciatura</i>	<i>Técnico Superior</i>	Secretariat
Lucília Goreti Ribeiro Pinto	<i>Mestrado</i>	<i>Técnico Superior</i>	Laboratorial Unit
Fernando Paulo Duarte Silva	<i>Licenciatura</i>	<i>Técnico Superior</i>	Projects Execution Office
Helena Maria Alves Nascimento	<i>Licenciatura</i>	<i>Técnico Superior</i>	Financial Office
Isabel Cristina Santos Rocha	<i>Licenciatura</i>	<i>Técnico Superior</i>	Secretariat
Isabel Maria Vieites Barbosa	<i>Licenciatura</i>	<i>Técnico Superior</i>	Medical Education Unit
Jorge Manuel Afonso Freitas	<i>Licenciatura</i>	<i>Técnico Superior</i>	Medical Education Unit
Magda João Castelhana Carlos	<i>Mestrado</i>	<i>Técnico Superior</i>	Animal Facility Unit/Laboratorial Unit
Maria José T. F. Tarroso Gomes	<i>Licenciatura</i>	<i>Técnico Superior</i>	Post-graduation Office
Maria Madalena A. Castelo Branco	<i>Licenciatura</i>	<i>Técnico Superior</i>	Planning Office
Maria Manuela Marques Mendes	<i>Licenciatura</i>	<i>Técnico Superior</i>	Projects Execution Office
Mónica Custódia C. Gonçalves	<i>Licenciatura</i>	<i>Técnico Superior</i>	Clinical Academic Centres
Paula Carla F. Gomes Pereira	<i>Licenciatura</i>	<i>Técnico Superior</i>	Human Resources/Secretariat
Ricardo Filipe Silva Mota	<i>Licenciatura</i>	<i>Técnico Superior</i>	Post-graduation Office
Sandra Maria T. Coutinho Pereira	<i>Mestrado</i>	<i>Técnico Superior</i>	Laboratorial Unit/Quality and Safety Office
Luís Filipe Forte Oliveira Martins	<i>Licenciatura</i>	<i>Técnico Superior</i>	Laboratorial Unit

Paulo Sérgio Simões Santos Cabral	<i>Licenciatura</i>	<i>Especialista de Informática, Grau 3, Nível 2</i>	Informatics Unit
Fernando Jorge Silva Nogueira	<i>Licenciatura</i>	<i>Especialista de Informática, Grau 1, Nível 2</i>	Informatics Unit
Domingos Ferreira Dias	<i>Secondary Education</i>	<i>Téc. de Informática Adjunto</i>	Informatics Unit
Olga Maria Sousa Miranda Abreu	<i>Secondary Education</i>	<i>Coordenador Técnico</i>	Financial Office/Secretariat
Alice Maria Cunha Dias	<i>Secondary Education</i>	<i>Assistente Técnico</i>	Human Resources/Financial Office
António Miguel Oliveira Mota	<i>Secondary Education</i>	<i>Assistente Técnico</i>	Planning Office
Cláudia Filipa Rodrigues Pereira	<i>Licenciatura</i>	<i>Assistente Técnico</i>	Animal Facility Unit
Denise Maria Ferreira Silva	<i>Secondary Education</i>	<i>Assistente Técnico</i>	Laboratorial Unit/Animal Facility Unit
Maria Agostinha Fernandes Costa	<i>Secondary Education</i>	<i>Assistente Técnico</i>	Animal Facility Unit
Sara Feio Azevedo Rodrigues Alves	<i>Licenciatura</i>	<i>Assistente Técnico</i>	Medical Education Unit
João Filipe Almeida Malheiro	<i>Secondary Education</i>	<i>Assistente Operacional</i>	Laboratorial Unit/Animal Facility Unit
José Carlos Teixeira da Rocha	<i>Secondary Education</i>	<i>Assistente Operacional</i>	Laboratorial Unit/Animal Facility Unit
Maria Celina Ferreira Barros	<i>Secondary Education</i>	<i>Assistente Operacional</i>	Animal Facility Unit
Maria Manuela Santos Carneiro	<i>Secondary Education</i>	<i>Assistente Operacional</i>	Animal Facility Unit
Maria Fernanda Costa Fernandes	<i>Basic Education</i>	<i>Assistente Operacional</i>	Administration Reception Desk
Susana Isabel Vaz Santos	<i>Secondary Education</i>	<i>Assistente Operacional</i>	Animal Facility Unit

Collaborators

Ana Sofia Silva Lima	<i>Licenciatura</i>	<i>Aq. Serv. - Técnico de Diag. e Terapêutica</i>	Laboratorial Unit
Noé Amorim da Rocha	<i>Licenciatura</i>	<i>Aq. Serv. - Especialista de Informática</i>	Informatics Unit
Sandra Mónica B. Almeida Ferreira	<i>Licenciatura</i>	<i>Aq. Serv. - Secretariado</i>	Secretariat
Carlos Pereira Brito	<i>Licenciatura</i>	<i>Bolseiro BGCT</i>	Secretariat
Sara Manuela Rodrigues Silva	<i>Mestrado</i>	<i>Bolseira BGCT</i>	Projects Execution Office



School of Health Sciences

APPENDIX III

CLINICAL COORDINATING GROUPS, SUPERVISORS AND TUTORS AT THE AFFILIATED HOSPITALS AND HEALTH CENTRES

University of Minho

CLINICAL COORDINATING GROUPS

Acronyms - Health Institutions:

HB - Hospital de Braga

CHAAG – Centro Hospitalar do Alto Ave - Unidade de Guimarães

ULSAM - Unidade Local de Saúde do Alto Minho

a) The Medicine Coordination Group

- *Nuno Sousa* (MD, PhD/ ECS)
- *Damião Cunha* (MD, PhD/ ECS)
- *Abel Rua* (MD/ HB)
- *Jorge Cotter* (MD, PhD/ CHAAG)
- *Diana Guerra* (MD/ ULSAM)

b) The Woman, Mother and Child Health Coordination Group

- *Jorge Correia-Pinto* (MD, PhD/ ECS)
- *Pedro Cabrita* (MD/ HB)
- *Luísa Cardoso* (MD/ HB)
- *Almerinda Pereira* (MD/ HB)
- *Fernanda Tavares* (MD/ CHAAG)
- *Sofia Dantas* (MD/ CHAAG)
- *Cláudia Tavares* (MD / CHAAG)
- *Paula Pinheiro* (MD/ ULSAM)
- *José Rei Amorim* (MD/ ULSAM)

c) The Clinical Neuroscience Coordination Group

- *Nuno Sousa* (MD, PhD/ ECS)
- *João Bessa* (MD, PhD/ ECS)
- *João Cerqueira* (MD, PhD/ ECS)
- *Alberto Bessa-Peixoto* (MD/ HB)
- *Fátima Almeida* (MD/ HB)
- *Aníbal Ribeiro da Fonte* (MD, PhD/ ULSAM)
- *Sandra Perdigão* (MD/ ULSAM)
- *Sónia Ramos* (MD/ CHAAG)
- *Lurdes Rodrigues* (MD/ CHAAG)

d) The Surgery Coordination Group

- *Nuno Sousa* (MD, PhD/ ECS)
- *João Espregueira Mendes* (MD, PhD/ ECS)
- *António Mesquita Rodrigues* (MD/ HB)
- *Carlos Alegria* (MD/ HB)
- *Carlos Alpoim* (MD/ CHAAG)
- *Fausto Fernandes* (MD/ CHAAG)
- *Alberto Midões* (MD/ ULSAM)

e) The Community Health and Family Medicine Coordination Group

- *Jaime Correia Sousa* (MD, MSc, PhD, Family Medicine/ ECS)
- *John Yaphe* (MD, MSc, Family Medicine/ ECS)
- *Alexandre Gouveia* (MD, Family Medicine/ ECS)
- *Luís Silva* (MD, Family Medicine/ ECS)
- *Manuel João Costa* (PhD, Community Health / ECS)
- *Patrício Costa* (PhD, Statistician, Community Health / ECS)
- *Cláudia Bulhões* (MD, Family Medicine/ ECS)
- *Luís Figueiredo* (MD, Urology Resident/ECS)

f) The 6th year Hospital's Residencies Coordination Group

- *Nuno Sousa* (MD, PhD/ ECS)
- *Damião Cunha* (MD, PhD/ ECS)
- *Abel Rua* (MD/ Hospital de Braga)
- *Jorge Cotter* (MD, PhD/ CHAAG)
- *Diana Guerra* (MD/ ULSAM)

HOSPITAL SUPERVISORS

Acronyms - Health Institutions:

HB - Hospital de Braga

CHAAG – Centro Hospitalar do Alto Ave - Unidade de Guimarães

ULSAM - Unidade Local de Saúde do Alto Minho

	HB	CHAAG	ULSAM
Introduction to Clinical Medicine	Abel Rua Francisco Nunes Gonçalves	Jorge Cotter	Diana Guerra
Medicine I Residency	Abel Rua	Jorge Cotter	Diana Guerra
Internal Medicine	Abel Rua Francisco Nunes Gonçalves	Jorge Cotter	Diana Guerra
Pneumology	João Cunha	Maria Manuel Figueiredo	Rui Nêveda
Cardiology	Adelino Correia Adília Rebelo	António Lourenço	Carla Costa Dias Carlos Letra Mateus
Gastroenterology	Carla Rolanda	José Cotter	José Ramada
Clinical Neurosciences			
Psychiatry	Alberto Bessa-Peixoto	Sónia Ramos	Aníbal Ribeiro da Fonte
Neurology	Fátima Almeida	Maria Lurdes Rodrigues	Sandra Perdigão
Maternal-Child Health Residency			
Gynaecology	Pedro Cabrita	Fernanda Tavares	Paula Pinheiro
Obstetrics	Luísa Cardoso	Sofia Dantas	Paula Pinheiro
Paediatrics	Almerinda Pereira	Cláudia Tavares	José Rei Amorim
Surgery Residency	A. Mesquita Rodrigues	Carlos Alpoim	Alberto Midões
General Surgery	A. Mesquita Rodrigues	Carlos Alpoim	Alberto Midões
Urology	Estêvão Lima	Ricardo Ramires	Eurico Maia
Ophthalmology	Fernando Vaz	António Fernandes	Hugo Carvalho
ORL	Rui Pratas Luís Dias	Fausto Fernandes	Francisco Pereira Lima Rodrigues
Orthotraumatology	Manuel Vieira da Silva	Carlos Vilela	Miguel Leal
Neurosurgery	Carlos Alegria	-----	-----
Medicine II Residency	Abel Rua	Jorge Cotter	-----
Internal Medicine	Abel Rua Francisco Nunes Gonçalves	Jorge Cotter	Diana Guerra
Infectious Diseases	Francisco Nunes Gonçalves	Jorge Cotter	-----
Nephrology	Abel Rua	Jorge Cotter	-----
Hemato-oncology	Rui Nabiço António Marques	Camila Coutinho	Diana Guerra
Dermatology	Celeste Brito	António Ferrete	-----
Endocrinology	Olinda Marques	-----	-----
Hospital Residencies – Final Training			
Internal Medicine	Abel Rua Francisco Nunes Gonçalves	Jorge Cotter	Diana Guerra
Gynaecology	Pedro Cabrita	Cláudia Guerra	Paula Pinheiro
Obstetrics	Luísa Cardoso	Cláudia Guerra	Paula Pinheiro
Paediatrics	Almerinda Pereira	Cláudia Tavares	José Rei Amorim
Mental Health	Alberto Bessa-Peixoto	Sónia Ramos	Aníbal Ribeiro da Fonte
Surgery	A. Mesquita Rodrigues	Carlos Alpoim	Alberto Midões

HEALTH CENTRE SUPERVISORS

Acronyms - Health Institutions:
 ACES – Agrupamento de Centros de Saúde
 ULS – Unidade Local de Saúde

Training in a Health Centre

Area	Supervisor
ACES do Cávado I – Braga	Ana Filipa Pimentel / Cláudia Conceição
ACES do Cávado II – Gerês/Cabreira	Ana Filipa Pimentel / Cláudia Conceição
ACES do Cávado III – Barcelos/Esposende	Ana Filipa Pimentel / Cláudia Conceição
ACES do Alto Ave – Guimarães/Vizela/Terras de Basto	Luís Laranjeiro

Family, Society and Health I / II

Area	Supervisor
ACES do Cávado I – Braga	Alexandre Gouveia / Yonah Yaphe / Luís Silva
ACES do Cávado II – Gerês/Cabreira	Alexandre Gouveia / Yonah Yaphe / Luís Silva
ACES do Alto Ave – Guimarães/Vizela/Terras de Basto	Alexandre Gouveia / Yonah Yaphe / Luís Silva
ULS de Matosinhos	Alexandre Gouveia / Yonah Yaphe / Luís Silva
ULS do Alto Minho	Alexandre Gouveia / Yonah Yaphe / Luís Silva

Health Centre I Residency

Area	Supervisor
Public Health	Mário Freitas / Pedro Gomes Pereira

Health Centre II Residency

Area	Supervisor
ACES do Alto Ave – Guimarães/Vizela/Terras de Basto	Luís Laranjeiro
ACES do Ave – Famalicão	Maria João Barbosa
ACES do Cávado I – Braga	Ana Filipa Pimentel / Ana Gomes / Maria João Barbosa / Ana Teresa Magalhães
ACES do Cávado II – Gerês/Cabreira	Cláudia Bulhões
ACES do Cávado III – Barcelos/Esposende	Ana Filipa Pimentel / Ana Gomes / Maria João Barbosa / Ana Teresa Magalhães
ACES do Grande Porto I – Santo Tirso/Trofa	Luís Silva
ACES do Grande Porto II – Gondomar	Jaime Correia de Sousa
ACES do Grande Porto III – Maia/Valongo	Jaime Correia de Sousa
ACES do Grande Porto IV – Póvoa de Varzim/Vila do Conde	Jaime Correia de Sousa / Luís Silva
ACES do Grande Porto V – Porto Ocidental	Jaime Correia de Sousa

ACES do Grande Porto VI – Porto Oriental	Jaime Correia de Sousa
ACES do Grande Porto VII – Vila Nova de Gaia	Jaime Correia de Sousa
ACES do Tâmega III – Vale do Sousa Norte	Jaime Correia de Sousa
ACES Vila Real	Jaime Correia de Sousa
ULS do Alto Minho	Alexandre Gouveia
ULS de Matosinhos	Jaime Correia de Sousa

Health Centre Residency – Final Training

Area	Supervisor
ACES do Alto Ave – Guimarães/Vizela/Terras de Basto	Luís Laranjeiro
ACES do Ave – Famalicão	Ana Filipa Pimentel / Ana Gomes / Maria João Barbosa
ACES do Cávado I – Braga	Ana Filipa Pimentel / Ana Gomes / Maria João Barbosa / Ana Teresa Magalhães
ACES do Cávado II – Gerês/Cabreira	Cláudia Bulhões
ACES do Cávado III – Barcelos/Esposende	Ana Filipa Pimentel / Ana Gomes / Maria João Barbosa / Ana Teresa Magalhães
ACES do Grande Porto I – Santo Tirso/Trofa	Luís Silva
ACES do Grande Porto II – Gondomar	Jaime Correia de Sousa
ACES do Grande Porto III – Maia/Valongo	Jaime Correia de Sousa
ACES do Grande Porto IV – Póvoa de Varzim/Vila do Conde	Jaime Correia de Sousa/ Luís Silva
ACES do Grande Porto V – Porto Ocidental	Jaime Correia de Sousa
ACES do Grande Porto VII – Vila Nova de Gaia	Jaime Correia de Sousa
ULS do Alto Minho	Alexandre Gouveia
ULS de Matosinhos	Jaime Correia de Sousa
Other areas	Jaime Correia de Sousa

HOSPITAL TUTORS

Acronyms - Health Institutions:

HB - Hospital de Braga

CHAAG – Centro Hospitalar do Alto Ave - Unidade de Guimarães

ULSAM - Unidade Local de Saúde do Alto Minho

INTRODUCTION TO CLINICAL MEDICINE

HB	CHAAG	ULSAM
Internal Medicine	Internal Medicine	Internal Medicine
Ana Lages	Ana Leite	Carmélia Rodrigues
Cindy Tribuna	Elisa Torres	Fernando Gomes
Guilherme Gomes	Emília Lopes	Joana Carneiro
Ilídio Brandão	Estefânia Bustabad	João Andrade
Luísa Pinto	Glória Alves	Liliana Costa
Manuela Rocha	Helena Sarmento	Manuel Ferreira
Margarida Monteiro	Juliana Silva	Raquel Lopes
Maria do Céu Rodrigues	Margarida Rocha	
Maria João Regadas	Marta Gonçalves	
Narciso Oliveira	Pedro Cunha	
Olinda Sousa	Rafael Velho	
Paulo Gouveia	Sandra Barbosa	
Sofia Caridade	Sara Freitas	
Sofia Esperança		

MEDICINE I RESIDENCY

Medicine I Residency – HB

Internal Medicine	Pneumology	Cardiology	Gastroenterology
Alexandre Carvalho	Beatriz Fernandes	Alberto Salgado	Ana Célia Caetano
Cristina Ângela	Cecília Pacheco	António Gaspar	Aníbal Ferreira
Ilídio Brandão	Daniela Alves	Carlos Braga	Bruno Gonçalves
Luísa Pinto	João Cunha	Catarina Vieira	Carla Rolanda
Manuela Rocha	João Filipe Cruz	João Costa	João Soares
Maria Céu Rodrigues	Lourdes Iglesias	Jorge Marques	Pedro Bastos
Maria João Regadas	Lurdes Ferreira	Juliana Martins	
Narciso Oliveira	Manuel Macedo	Nuno Salomé	
Olinda Sousa Caetano	Rui Rolo	Pedro Azevedo	
Paulo Gouveia		Sérgia Rocha	
Rosário Araújo		Sérgio Nabais	
Sofia Caridade		Sónia Magalhães	
Sofia Esperança			
Teresa Pimentel			

Medicine I Residency – CHAAG

Internal Medicine	Pneumology	Cardiology	Gastroenterology
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Carlos Fernandes	Maria Manuel Figueiredo	António Lourenço	Bruno Rosa
Elisa Torres		Filipa Almeida	Carla Marinho
Emília Lopes		Francisco Ferreira	Francisca Dias de Castro
Estefânia Bustabad		Joana Guardado	Joana Magalhães
Fernando Esculcas		Olga Azevedo	José Manuel Ribeiro
Filipe Gonçalves			Maria João Moreira
Glória Alves			Pedro Boal Carvalho
Helena Sarmento			Sílvia Leite
Magda Fernandes			
Pedro Cunha			
Sandra Barbosa			
Sara Pereira			

Medicine I Residency – ULSAM

Internal Medicine	Pneumology	Cardiology	Gastroenterology
Ana Raquel Rodrigues	Elena Lombardia	Carla Costa Dias	João Carrasquinho
Carmélia Rodrigues	Ivone Gonçalves	Carlos Mateus	José Ramada
João Andrade	José Albino Lopes	Rui Lima	Luís Lopes
Manuel Ferreira	Rui Nêveda	Vânia Enes	
Raquel Lopez			
Soraia Oliveira			

CLINICAL NEUROSCIENCES

Clinical Neurosciences – HB

Psychiatry	Neurology
Joana Mesquita	Álvaro Machado
Joaquim Duarte	Carla Ferreira
Jorge Gonçalves	Esmeralda Lourenço
Juliana Carvalho	Gisela Carneiro
Luísa Silva	João Diogo Pinho
Natália Fernandes	João Pereira
Pedro Morgado	Margarida Rodrigues
Sónia Azenha	Ricardo Maré
Sousa Cepa	Sofia Rocha
Tiago Dias	

Clinical Neurosciences - CHAAG

Psychiatry	Neurology
Luís Fonseca	Ângela Silva
Rosa Rodrigues	Lurdes Rodrigues
Sónia Ramos	Miguel Gago

Clinical Neurosciences - ULSAM

Psychiatry	Neurology
Amélia Mendes	Bruno Sá Coutinho
Élia Baeta	Fernando Dourado
Rosa Lobato	Patrício Ferreira
Sandra Perdigão	Paula Pina
	Teresa Novo

MATERNAL AND CHILD HEALTH RESIDENCY**Maternal and Child Health Residency - HB**

Gynaecology	Obstetrics	Paediatrics	Neonatology
Cátia Abreu	Belandina Gil	Ana Antunes	Albina Silva
Etelvina Cruz	Belisa Vides	Ariana Afonso	Carla Sá
Luís Castro	Cardoso Ricardo	Augusta Gonçalves	Eduarda Abreu
Maria José Rocha	Carla Monteiro	Carla Garcez	Isabel Cunha
Paula Serrano	Luís Carvalho	Carla Moreira	Joana Dias
Pedro Cabrita	Luísa Cardoso	Cláudia Patraquim	Liliana Pinheiro
	Teresa Ramos	Helena Silva	Miguel Costa
		Henedina Antunes	
		Joana Oliveira	
		Joana Teixeira	
		Manuela Alves	
		Maria Gomes	
		Maria João Magalhães	
		Marlene Rodrigues	
		Sandra Costa	
		Susana Carvalho	
		Teresa Pontes	
		Tomás Silva	
		Vera Baptista	

Maternal and Child Health Residency - CHAAG

Gynaecology	Obstetrics	Paediatrics	Neonatology
Carla Duarte	Adosinda Rosmaninho	Alberto Costa	Agostinha Costa
Fernanda Tavares	Ana Maria Andrade	Ana Luisa Lobo	Clara Paz Dias
Horácio Azevedo	Carlinda	Armandina Silva	Maria José Vale
Luís Gonzaga	Cátia Ferreira	Carla Ferreira	Marta Alves
Manuela Mesquita	Diana Coelho	Cláudia Tavares	
Maria José Pires	Filipa Braz	Cristina Ferreira	
Pedro Figueiredo	Maria Manuel	Dinis Sousa	
Pedro Oliveira	Ricardo Santos	Helena Ferreira	
Pedro Vieira de Castro	Rosa Maria Fernandes	Isolina Aguiar	
Vivas de Freitas	Sílvia Torres	Mónica Costeira	
		Teresa São Simão	

Maternal and Child Health Residency - ULSAM

Gynaecology / Obstetrics	Paediatrics	Neonatology
Agostinho Carvalho	Ana Sequeira	Beatriz Sousa
Ana Paula Gama	Catarina Carneiro	Emília Monteiro
Ana Rita Abreu	Catarina Valpaços	Licínia Lima
Avelina Almeida	Hugo Rodrigues	
Domingos Ribeiro	Idalina Maciel	
Fátima Domingues	Mariana Branco	
João Pedro Silva	Mariana Costa	
Jorge Mesquita	Raquel Oliveira	
Márcio Faria	Rita Araújo	
Marinho Santos	Sandrina Martins	
	Suzana Figueiredo	
	Virgínia Sampaio	

SURGERY RESIDENCY

Surgery Residency - HB

General Surgery	Urology	Ophthalmology	ORL	Orthotraumatology	Neurosurgery
Ana Cristina Ribeiro	António Pedro Carvalho	Carla Ferreira	Angelino Barroso	Duarte Alegre	Afonso Almeida Pinto
Conceição Antunes	Carlos Oliveira	Cristina Almeida	Berta Rodrigues	Eurico Bandeira	João Abreu Lima
Dina Luís	Jorge Ribeiro	Cristina Freitas	Daniel Miranda	Luís Filipe Rodrigues	Leandro Oliveira
Elsa Silva	Vitor Hugo Nogueira	Gabriel Morgado	Duarte Freitas	Nuno Sevivas	Miguel Afonso
Fernanda Nogueira		Gil Santos	Filipa Moreira	Nuno Tavares	Ricardo Moreira
Fernando Manso		Joel Ferreira	Joana Guimarães	Paulo Coutinho	Rui Almeida
Helena Marques		Luís Mendonça	Luís Dias	Pedro Varanda	
Joaquim Falcão		Manuel Falcão	Nuno Marçal	Ricardo Maia	
Maia da Costa		Maria Antónia Costa	Sara Pereira		
Mário Reis		Nuno Franqueira	Sérgio Vilarinho		
Patrícia Botelho		Nuno Gomes			
Pedro Leão		Nuno Lopes			
Ricardo Pereira		Paulo Mesquita Marques			
Sónia Ribas		Rita Gentil			
Sónia Vilaça		Sandra Guimarães			
Teresa Carneiro		Tiago Monteiro			

Surgery Residency - CHAAG

General Surgery	Urology	Ophthalmology	ORL	Orthotraumatology
Andreia Santos	Carlos Guimarães	Marco Vieira	Alexandre Mexedo	António Moreira
Carla Marina Oliveira	Jaime Faria	Pedro Barros	Ana Castro e Sousa	Carlos Vilela
Carlos Santos Costa	Ricardo Ramires	Pedro Reimão	Ângelo Fernandes	Manuel Loureiro
João Reis	Rui Versos		Francisco Moreira da Silva	Ramon Ferrero
Jorge Magalhães			Rafaela Teles	Rui Cerqueira
Lima Terroso			Rita Lopes Moura	Sofia Viçoso
Manuel Ferreira			Roberto Estevão	Tiago Basto
Ricardo Moreira			Sérgio Caselhos	
Rui Pinto			Vânia Henriques	
Vitor Costa				
Washington Costa				

Surgery Residency - ULSAM

General Surgery	Urology	Ophthalmology	ORL	Orthotraumatology
Conceição Monteiro	Eurico Maia	Fernando Vale	Cecília Pereira	António Félix
Eduardo Vasconcelos	José Leitão	Lígia Ribeiro	Francisco Pereira	Carlos Alves
Fernando Barbosa	Pedro Cadilhe		Isabel Alvarez	Cristina Varino
Francisco Fazeres			Lima Rodrigues	Francisca Gonzalez
Jesus Ventura Rodriguez			Vitória Seoane	Lima Rodrigues
Marília Cardoso				Luís Silva

Rui Escaleira				Maieiro Costa	
Teresa Almeida				Norberto Silva	

MEDICINE II RESIDENCY

Medicine II Residency - HB

Internal Medicine	Infectious Diseases	Nephrology	Endocrinology	Hemato-oncology	Dermatology
Ana Lages	Alexandre Carvalho	Carlos Soares	Margarida Monteiro	António Marques	Ana Paula Vieira
Guilherme Gomes	Cristina Ângela	Catarina Carvalho	Maria Lopes Pereira	Catarina Portela	Cristiana Macedo
Ilídio Brandão	Teresa Pimentel	Liliana Pinho	Marta Alves	Elisabete Couto	Maria da Luz Duarte
Juan Garcia		Maria João Rocha	Selma Souto	Herlander Marques	Olga Ferreira
Luísa Pinto			Vera Fernandes	Júlia Amorim	Teresa Pereira
Manuela Rocha				Teresa Macedo	
Maria do Céu Rodrigues					
Maria João Regadas					
Narciso Oliveira					
Olinda Sousa					
Paulo Gouveia					
Rosário Araújo					
Sofia Caridade					
Sofia Esperança					

Medicine II Residency - CHAAG

Internal Medicine, Infectious Diseases, Nephrology and Endocrinology	Hemato-oncology	Dermatology
Ana Silva	Alexandra Teixeira	António Ferrete
Carlos Fernandes	Camila Coutinho	Catarina Guimarães
Elisa Torres	Ilda Faustino	Olga Pereira
Emília Lopes		
Estefânia Bustabad		
Filipe Gonçalves		
Glória Alves		
Helena Sarmento		
Laura Castro		
Margarida Rocha		
Marta Gonçalves		
Pedro Cunha		
Sara Pereira		

Medicine II Residency - ULSAM

Internal Medicine, Infectious Diseases, Nephrology and Endocrinology	Hemato-oncology
Ana Nascimento	Luísa Azevedo
Ana Raquel Rodrigues	

Carmélia Rodrigues
 João Andrade
 Liliana Costa
 Manuel Ferreira
 Raquel Lopes

HOSPITAL RESIDENCIES – FINAL TRAINING

Hospital Residencies – Final Training - HB

Internal Medicine	General Surgery	Psychiatry	Gynaecology / Obstetrics	Paediatrics
Alexandre Carvalho	André Goulart	Daniela Freitas	Afonso Rocha	Albina Silva
Cristina Ângela	Conceição Antunes	João Bessa	Esmeralda Feliciano	Almerinda Pereira
Guilherme Gomes	Dina Luís		Gabriel Borges	Ana Antunes
Ilídio Brandão	Fernanda Nogueira		Isabel Jardim	Ariana Afonso
Juan Garcia	Fernando Manso		Judite Barros	Augusta Gonçalves
Luísa Pinto	Helena Marques		Lucília Araújo	Carla Moreira
Manuela Rocha	Humberto Cristino		Manuel Saleiro	Carla Sá
Maria Céu Rodrigues	Joaquim Falcão		Olímpia Fernandes	Eduarda Abreu
Maria João Regadas	Maia da Costa		Teresa Coutinho	Helena Silva
Narciso Oliveira	Mário Reis			Henedina Antunes
Olinda Sousa	Patrícia Botelho			Isabel Cunha
Paulo Gouveia	Pedro Leão			Joana Dias
Rosário Araújo	Ricardo Pereira			Liliana Pinheiro
Sofia Caridade	Sónia Ribas			Manuela Alves
Sofia Esperança	Sónia Vilaça			Pierre Gonçalves
Teresa Pimentel				Sandra Costa
				Susana Carvalho
				Teresa Pontes

Hospital Residencies – Final Training - CHAAG

Internal Medicine	General Surgery	Psychiatry	Gynaecology / Obstetrics	Paediatrics
Ana Leite	Andreia Santos	Luís Fonseca	Cláudia Guerra	Ângela Dias
Ana Novo	Carla Marina Oliveira	Rosa Rodrigues	Horácio Azevedo	Bernarda Sampaio
Ana Silva	Carlos Santos Costa	Sónia Ramos	Maria Manuel Sampaio	Carla Laranjeira
Carlos Fernandes	João Reis		Rui Miguelote	Carla Meireles
Cristina Cunha	Jorge Magalhães			Cláudia Neto
Elisa Torres	Lima Terroso			Sandra Rodrigues
Emília Lopes	Manuel Ferreira			
Estefânia Bustabad	Ricardo Moreira			
Fernando Esculcas	Rui Pinto			
Filipe Gonçalves	Vítor Costa			
Glória Alves	Washington Costa			

Gonçalo Castelo					
Branco					
Helena Sarmento					
Inês Fonseca					
Juliana Silva					
Laura Castro					
Margarida Rocha					
Marta Gonçalves					
Pedro Cunha					
Rafael Velho					
Sandra Barbosa					
Sara Freitas					
Sara Pereira					

Hospital Residencies – Final Training - ULSAM

Internal Medicine	General Surgery	Psychiatry	Gynaecology / Obstetrics	Paediatrics
Ana Nascimento	Conceição Monteiro	Bruno Sá Coutinho	Ângela Santos	Isabel Martinho
Andriy Bal	Eduardo Vasconcelos	Lucinda Neves	José Pedro Coutinho	Sérgio Mendanha
Artur Barros	Fernando Barbosa	Patrício Ferreira	Rosália Coutada	
Carlos Ribeiro	Francisco Fazeris	Paula Pina	Sandra Ferreira	
Carmélia Rodrigues	Jesus Ventura		Soraia Cunha	
Énio Pereira	Marília Cardoso			
Fernando Gomes	Rui Escaleira			
Irene Miranda	Teresa Almeida			
Joana Carneiro				
Moura Alves				
Raquel Lopez				
Rogério Corga da Silva				
Roswitha Bauerle				
Rui Vasconcelos				
Selmira Faraldo				

HEALTH CENTRE TUTORS

Acronyms - Health Institutions:

ACES – Agrupamento de Centros de Saúde

ULS – Unidade Local de Saúde

CS – Centro de Saúde

USF – Unidade de Saúde Familiar

US – Unidade de Saúde

UCSP – Unidade de Cuidados de Saúde Personalizados

HEALTH CENTRE I RESIDENCY

Area	Tutor
Braga	Amaro Domingues
	João Manuel Cruz
	Mário Freitas
	Pedro Gomes Pereira

HEALTH CENTRE II RESIDENCY

ACES Alto Ave – Guimarães/Vizela/Terras de Basto

Health Centre	Tutor
CS Guimarães – USF S. Nicolau	Rui Guedes
CS Guimarães – USF Vimaraneses	João Guimarães
CS Guimarães – USF Serzedelo	Susana Moreira
	Manuel Castro
CS Taipas – USF Ara de Trajano	Célia Nunes
CS Taipas – USF Duovida (Pólo das Caldas das Taipas)	Alberto Perez
	Alice Perez
CS Taipas – USF Duovida (Pólo Briteiros)	Fernanda Rodrigues
	Luísa Ferraz
CS Taipas – USF Ponte	Mafalda Jordão Abreu
	Maria Alcina Pires
	Rui Oliveira
CS Taipas – USF Ronfe	António Miguelote
	Vítor Ferreira
CS Vizela – USF Novos Rumos	Fernando Carvalho
	Samuel Pedreira
CS Fafe – USF Fafe Sentinera	Ana Catarina Marques
CS Fafe – USF Novo Cuidar	Anabela Doellinger
	Raquel Correia
	Sameira Gonçalves
	Fátima Costa
	Isabel Barroso
CS Terras de Basto – USF O Basto	Manuel Sá Nogueira
	Sara Lopes

ACES do Ave – Famalicão

Health Centre	Tutor
USF Ribeirão	Ana Rita Lopes
	Liliana Gonçalves
USF D'Allem Ave	Fernanda Pinheiro
	Maria Margarida Mendes
	Zulmira Flores
USF Terras do Ave	Álvaro Pereira
	Álvaro Reis
	Maria Amélia Silva
USF S. Miguel-O-Anjo	João André Matos
	Maria Isabel Silva

ACES Aveiro Norte

Health Centre	Tutor
USF Terras de Santa Maria	Ana Quelhas

ACES do Cávado I – Braga

Health Centre	Tutor
USF Gualtar	Cristiana Sousa
	Maria João Barbosa
	Maria Jesus Peixoto
	Susana Oliveira
USF Manuel Rocha Peixoto	José Samarão
	Manuela Macedo
	Maria Augusta
USF S. João	Filomena Carvalho
	Maria José Cabrita
	Maria Rosário Silva
	Virgílio Gomes
USF S. Lourenço	Madalena Cerqueira
	Madalena Graça
USF + Carandá	Maria Antónia Miguel
	Maria Luísa Serra
	Pimenta Marinho
	Tahydi Valle
	Tânia Pereira
USF MaxiSaúde	Miguel Nunes
	Paula Marques
UCSP Infias	Aparício Braga (2)
	Dinis Brito

ACES do Cávado II – Gerês/Cabreira

Health Centre	Tutor
USF PróSaúde - Vila Verde	Rita Pinheiro
USF VIDA + Vila Verde	Cláudia Bulhões
	Manuel Mariño
USF AmareSaúde	Carla Côrrelo
	Maria Luísa Terroso
	Mário Rui Oliveira
	Rui Eusébio
UCSP Vieira do Minho	Leonor Quaresma
	Rui Garcia
CS Póvoa de Lanhoso – USF Terras de Lanhoso	Alfredo Couto
	Anabela Teixeira
CS Vila Verde – USF Prado	Cândida Carlos

ACES do Cávado III – Barcelos/Esposende

Health Centre	Tutor
CS Barcelos - USF Lígios	Teresa Velosa
CS Barcelos - USF Santo António	Rui Soares (2)
CS Barcelos – USF Barcel Saúde	Bárbara Castro
	Luís Correia
CS Barcelos – USF Esposende Norte	Aranzazu Lopez
	Jones Fonseca
USF Calécia (Macieira de Rates)	Noémia Novo
UCSP Fão	Sílvia Filipe

ACES do Grande Porto I – Stº Tirso/Trofa

Health Centre	Tutor
USF Ao Enc. Da Saúde	Maria Graça Asper
	Mário Lima
	Rosa Santos
USF Ponte Velha	Fernando Palha
	Raquel Pereira
	Sónia Ferreira
USF S. Tomé	Ana Oliveira
	Maria Glória Castilho
USF Vil'Alva	Ana Rodrigues
	Maria de Lurdes Moreira

ACES do Grande Porto II – Gondomar

Health Centre	Tutor
USF Nascente	Alzira Braga
	Aurora Santos

ACES do Grande Porto IV – Póvoa de Varzim/Vila do Conde

Health Centre	Tutor
USF Aqueduto	Carina Reis
	Marisa Pinheiro
USF Terra e Mar	Isidro Rebelo
	Miguel Fernandes
USF do Mar	Ana Paula Gomes
	Ramon Cerqueira
USF Eça de Queirós	Cidália Camarinha
	Fernanda Pereira
	Sofia Assunção
	Tatiana Soares
USF Navegantes	Ana Azevedo
	Manuela Moreira

ACES do Grande Porto V – Porto Ocidental

Health Centre	Tutor
Carvalhido	Ana Maria Coelho
	Isabel Lopes
USF Espaço Saúde	Helena Leal
	Isabel Alvim

ACES do Grande Porto VI – Porto Oriental

Health Centre	Tutor
USF Rainha D. Amélia	Maria Antonieta Teixeira

ACES do Grande Porto VII – Gaia

Health Centre	Tutor
USF Santo André de Canidelo	Filipa Castro
	Rute Ferreira
USF Espinho	Helena Beça
UCSP de Espinho	Ana Maria Azevedo

ACES Lisboa Central

Health Centre	Tutor
CS Olivais - USF Vasco da Gama	Graciete Lemos

ACES do Tâmega III – Vale do Sousa Norte

Health Centre	Tutor
CS Lousada	não indicado
USF Citânia	Não indicado
USF Terras de Ferreira	Não indicado

ACES Vale do Sousa Sul

Health Centre	Tutor
USF S. Martinho	Cristiano Ribeiro

ULS Alto Minho

Health Centre	Tutor
CS Arcos de Valdevez – USF Uarcos	Belmira Reis
	Sofia Azevedo
CS Arcos de Valdevez – USF Vale do Vez	Laura Santos
	Sílvia Sousa
CS Ponte de Lima – USF Lethes	Ângela Leão
	Cecília Abreu
	Raúl Pereira
CS Viana do Castelo - USF Gil Eanes	José Manuel Cunha
USF Vale do Âncora	Manuel Luís Martins

ULS de Matosinhos

Health Centre	Tutor
USF Horizonte	Raquel Castro
	Teresa Carneiro

HEALTH CENTRE RESIDENCY – FINAL TRAINING

ACES Alto Ave – Guimarães/Vizela/Terras de Basto

Health Centre	Tutor
CS Cabeceiras de Basto – USF O Basto	Isabel Barroso
	Manuel Sá Nogueira
	Martine Cunha
CS Fafe – USF Arões	Não identificado
	Não identificado
CS Fafe – USF Novo Cuidar	Anabela Von Doellinger
	Ivone Mota
	Sameira Gonçalves
CS Fafe – USF Fafe Sentinela	Ana Catarina Marques
CS Guimarães – USF Vimaraneses	Liliana Barbosa
CS Guimarães – USF D. Afonso Henriques	Alberto Oliveira
	Amparo Reiriz
CS Guimarães – USF Serzedelo	Isabel Pereira
	Manuel Castro
CS Guimarães – S. Nicolau	Luísa Pinto
	Rui Guedes
CS Taipas – USF Ara de Trajano	Eduarda Meneses
	Sílvia Sousa
	Susana Pereira
CS Taipas – USF Duovida (Pólo de Briteiros)	Fernanda Rodrigues
	Luísa Ferraz
CS Taipas – USF Duovida (Pólo Taipas)	Alice Perez
	Alberto Perez
CS Taipas – USF Ponte	Maria Alcina Pires
	Maria João Ribeiro
	Nélson Pereira
	Santiago Figueiroa
CS Taipas – USF Ronfe	António Miguelote
	Carina Antunes
	Vitor Ferreira

ACES do Cávado I – Braga

Health Centre	Tutor
US Carandá – USF Gualtar	Cláudia Melo
	Cristiana Sousa
	Eduardo
	Márcia Milet
	Maria de Jesus Peixoto
	Rui Caetano
	Sara Furtado
US Maximinos – USF Manuel Rocha Peixoto	João Carvalho

	José Samarão Manuela Macedo Maria Augusta Pereira
USF MaxiSaúde	Miguel Nunes Paula Marques
UCSP Infias	Aparício Braga Dinis Brito
USF + Carandá	Maria Antónia Miguel Pimenta Marinho Tahydi Valle
USF S. João	Maria José Cabrita Pelaez Carones
USF Bracara Augusta	Macedo Mara Souza
USF Sanus Carandá	Lucinda Melo
USF S. Lourenço	Madalena Cerqueira Maria José Menezes
UCSP Adaúfe	Mário Mendonça Patrícia Valadares

ACES do Cávado II – Gerês/Cabreira

Health Centre	Tutor
	Carla Correlo Luísa Terroso Mário Rui Oliveira Rui Eusébio
USF ViverMais - Amares	Yolanda Carollo
UCSP Póvoa de Lanhoso	Eduardo Corujo
CS Póvoa de Lanhoso – USF Terras de Lanhoso	Alfredo Couto
USF VIDA + Vila Verde	Manuel Mariño
UCSP Vieira do Minho	Rui Garcia
UCSP Terras de Bouro – Rio Caldo	António Salgado

ACES do Cávado III – Barcelos/Esposende

Health Centre	Tutor
CS Barcelos – USF Santo António	Cândido Macedo
USF BarcelSaúde	Bárbara Castro
CS Barcelos – USF Lígios	Ana Ferreira Teresa Veloso
USF Esposende Norte - Unidade de Forjães	Maria Aranzazu Souto
	Fernando Charrão
USF Esposende Norte	Iolanda Mota Margarida Borralheiro
CS Barcelos – USF Alcaides Faria (Vila Seca)	José Faria

ACES do Grande Porto I – Stº Tirso/Trofa

Health Centre	Tutor
Extensão S. Martinho do Campo	Ana Teresa Magalhães
	Cláudia Neto
	Maria João Barbosa
USF Vil'Alva	Sónia Cardoso
USF Ponte Velha	Marisa Belchior
	Sónia Ferreira
Trofa	José Dias
Extensão de Vila das Aves	Adalberto Alves

ACES do Grande Porto II – Gondomar

Health Centre	Tutor
USF S. Pedro da Cova	Inácio Monteiro
USF Nascente	Alzira Braga
USF Sta. Maria - Rio Tinto	Isabel Santos
	Raquel Marques

ACES do Grande Porto III – Maia/Valongo

Health Centre	Tutor
USF Ermesinde	Helena Vieira
USF Bela Saúde - Ermesinde	Gustavo Ferreira
USF Viver Mais – Castelo de Maia	Noémia Pinto
USF Pirâmides	Soledade Cosme

ACES do Grande Porto IV – Póvoa de Varzim/Vila do Conde

Health Centre	Tutor
CS Póvoa do Varzim – USF Eça de Queirós	Isabel Hora
	Inês Bacelar
CS Póvoa do Varzim – USF do Mar	Ana Paula Gomes
	João Cunha
CS Vila do Conde – USF Casa dos Pescadores	João Monteiro
	Vera Pires
CS Vila do Conde – USF Santa Clara	Patrícia Coelho
CS Vila do Conde – USF Aqueduto	Elisa Ribeiro
USF S. Simão Junqueira	Pedro Almeida

ACES do Grande Porto V – Porto Ocidental

Health Centre	Tutor
USF Bom Porto	Patrícia Ferreira
UCSP Lordelo	Flamínia Cidrais Justina Silva
USF Aníbal Cunha	Rosa Pires
USF S. João	Abílio Malheiro Maria João Esteves Paulo Santos
USF Espaço Saúde	Ana Ramos
USF Serpa Pinto	Bernardo Vilas Boas

ACES do Grande Porto VI – Porto Oriental

Health Centre	Tutor
UCSP Santos Pousada	Glória Bernardes Maria João Neto
USF Novo Sentido	Darcília Eusébio

ACES do Grande Porto VII – Gaia/Espinho

Health Centre	Tutor
USF Canidelo	Fernando Ferreira
USF Espinho	Helena Beça Jorge Vinagre
USF S. Félix da Marinha	Cândida Guedes

ACES do Tâmega III – Vale do Sousa Norte

Health Centre	Tutor
CS Lousada – USF Torrão	Rui Neto

ULS Alto Minho

Health Centre	Tutor
CS Arcos de Valvedez – USF UarcoS	Belmira Reis Sofia Azevedo
CS Ponte de Lima – USF Mais Saúde	Cátia Lopes
CS Arcos de Valdevez – USF Vale do Vez	Laura Santos

ULS de Matosinhos

Health Centre	Tutor
CS Leça da Palmeira – USF Leça	Filomena Pastor
	Teresa Almeida
CS Matosinhos – USF Horizonte	Raquel Castro
	Teresa carneiro