# AP Health Information Systems Governance

## Message from the Programme Directors

**Almiro de Oliveira**
Advanced Programme on
Health Information
Systems Governance
Programme Director
aoliveira@porto.ucp.pt

**Luís Matos**
Advanced Programme on
Health Information
Systems Governance
Programme Director

**Mário Macedo**
Advanced Programme on
Health Information
Systems Governance
Programme Director

It seems certain that Healthcare Organisations are largely grounded in Information. From diagnosis to patient treatment and follow-up, to the prescription of medication and of complementary diagnostic exams and treatment, to imaging and diagnostic reports and to management-related activities — Information is the main input material for the operation and performance of every Organisation.

However, the interference of information in the day-to-day operations of most Organisations and the recognition of its economic value imply the development of an appropriate approach for this resource in the Organisation, as well as in its architecture, in the use of rational solutions and in its Management. The latter must be duly aligned with the Organisation's Management Policy — an issue that goes far beyond the mere purchase and use of technology.

It is therefore necessary that the criticality level of Information is clearly acknowledged and that this recognition is formally assumed by the Top Management by describing the role played by Information Systems Management within the Organisation. Moreover, it is essential that Information is Governed in such a way as to become a source of competitive advantage, with inevitable impacts on the productivity, efficiency and efficacy of for-profit and non-profit organisations, as well as on the continuous improvement of the quality of the services provided and of scientific research.

Bearing in mind the objective of highlighting the importance of Information and Information Systems Governance in Healthcare Organisations, this advanced programme is regarded as very helpful and comes at a very appropriate time —  the hope is that it might contribute to encouraging Top Managers to regard Health Information Systems Governance as a major critical success factor for their Organisations.

## Objectives

Information Systems play a relevant role in the improvement of the quality of healthcare provision. Evidence-based medicine relies on clinical data, the collection of which will only be possible with effective communication and information technology.

Moreover, given the constant pressure to increase the efficiency of healthcare providers, Information Systems become all the more relevant in ensuring success in day-to-day operations as well as in exploiting competitive advantages and creating business value.

Within this context, the programme's objectives are:

- To study and describe the specific requirements of Healthcare Services under its different dimensions and the models applicable to Information Systems;
- To look into and understand how Information Systems and Knowledge Management can promote the performance and economic sustainability of healthcare organisations;
- To raise awareness among senior management within organisations of the importance and criticality of Information Systems for the efficiency of Organisations;
- To address the issues involved in Information System management as a way to achieve economic rationalisation of resources and their effective and efficient use by Organisations;
- To look at ways to develop Strategic Plans for Information Systems;
- To examine and understand the rules and regulations needed to standardise systems and interoperability;
- To study and understand ways to devise and specify Decision Support Systems;
- To provide tools to monitor and measure organisational performance;

# Who attends

Heads of Health Facilities (Primary Care, Hospital Care, Long-term Care);

Senior officials of the Public Administration (Supervisory Bodies, Technical Supervisory Bodies, Ethics and Operational bodies) and top managers employed in the public, private and social sectors;

Members of the Governing Boards of Central and Regulatory Bodies, members of ACES executive and medical boards, members of the Board of Directors of Hospitals, Heads of Service or similar bodies.

## *Candidates Profile*

Applicants must have a high education degree. Candidates who do not have this requirement may be accepted provided their background and knowledge acquired by professional experience justify such admission.

The process of selection and ranking of candidates will be done according to the requirements defined in the Regulation governing this training and always based on curricular and professional judgment, taking into account the submission order of the respective applications.

# Programme Outline

| Subject | Regent(s) | Hours |
|---|---|---|
| Information & Information Systems Governance | Almiro Oliveira | 4 |
| Applications and the Electronic Health Record | Mário Macedo | 4 |
| Architecture and Urbanism of Information Systems | Pedro Anunciação | 4 |
| Digital transformation and Innovation in Healthcar | Henrique Martins | 4 |
| Economic evaluation of Technologies | Francisco Rocha Gonçalves | 4 |
| Information Systems Management | Almiro Oliveira | 4 |
| Contractualisation and planning | Luís Matos | 4 |
| Logistics support systems | António Costa | 4 |

| | | |
|---|---|---|
| Data exploration and Business Intelligence | José Pedro Almeida | 4 |
| Big data in Healthcare | José Pedro Almeida | 4 |
| Clinical decision support systems | Mário Macedo | 4 |
| Management control and Balanced Scorecard | Luís Matos | 4 |
| Ethics, security and privacy of Health Information | Rui Nunes | 4 |
| Operations management and process improvement | Sofia Salgado Pinto Rita Ribeiro | 4 |
| People management | Carlos Ribeiro | 4 |
| Total | | 60 |

## Structure

### Duration
60 hours

### Dates

5th of May to the 1st of July 2017

### Schedule
Fridays from 2.30pm to 7.00 pm

Saturdays from 8.30am to 1pm

### Programme Directors

Almiro de Oliveira, Mário Macedo and Luis Matos

### Venue
Católica Porto Business School

# Partnership



Information Systems Governance European Club

# Activities

Tertulia Dinner with the presence of Professor Adalberto Campos Fernandes, Minister of Health.

# Applications

You can make your online application [here](here).

You can also deliver your application personally at the administrative offices of the school or mail to:

Católica Porto Business School
Rua Diogo Botelho, 1327
4169-005 Porto

Elements for Application:

- Duly completed application form;
- Detailed CV;
- An updated photograph;
- Identification Document photocopy / Taxpayer Card;

# Investment

## Investment

1 950€ + VAT

## Payment Policy

When applying it should be paid 10% of the programme's amount. Thremaining amount must be settled in accordance with the payment schedule set. VAT at the legal rate must be added to all prices.

## Cancellation policy

Cancellation of an entry within 15 days prior to the start of the programme will lead to no reimbursement of the registration fee. A no-show or cancellation of a registration after the start of theprogramme involves its full payment. In certain circumstances, the Católica Porto Business School may postpone or cancel the implementation of aprogramme and in that case shall return in full all the amounts charged.

## Special Conditions

The attendance fee will have a 10% discount in case there are two enrolments from the same institution or 15% for three or more enrolments. Former students of Catholic University and EGE - Business Management School will benefit from a 10% discount. AEP Members will have a 10% discount and the associated AEP Plus benefit of a deduction of 13%.

Prompt payment situations will be granted an additional 5% discount.

Discounts are not cumulative.

# Contacts

Executive coordination

**Margarida Mota**

Email: mmota@porto.ucp.pt

Tel: 226196260