

DR. ENG. ZAVARINI PAOLO Responsible in charge of Clinical Engineering Service at the St. Anna Hospital in Ferrara, Italy

MANAGEMENT AND SAFETY TO ELECTROMEDICAL EQUIPMENT

1.1 Introduction

The main objective of this paper is to define the subject of the planning and management of the technological patrimony, with particular regard to safety and to the prevention of electric risks due to use.

For the past twelve years is in charge of the functional set-up and management of electromedical equipments operating at St. Anna Hospital and associated periferical units.

Takes part in National Technical Commission for the study and application of electrical safety standards (CEI) to electromedical equipment and is a member of the Technical Commission of the Emilia Romagna Region.

In the last few years the region of Emilia Romagna has been dwelling on the problem of the management of technology and it has worked in order to render the process of innovation quicker and more efficient.

It has been trying to guide the UUSLL along a common line as regards planning in the acquisition of quality products in the use of technology in the field of health and prevention, as well as in the means and forms of quality control in order to guarantee its improvement in time.

1.2 Management: an overview.

Managing technology means: working out planning arrangements in advance, considering that only highly qualified personnel who is fully conscious of the situation of the Health Board and who can relate with the different aspects of the organisation: sanitary, technical and administrative, will be able to cope.

| GENERAL SUGGESTIONS FOR MANAGEMENT | |
|--|----------------------------------|
| PLANNING | |
| Technological Investment | Technological Maintenance |
| Evaluation: 1) Technical 2) Clinical 3) Economic - managerial | 1) Maintenance 2) Safety |

- 1) Technical
- 2) Clinical
- 3) Economic - managerial

- 1) Maintenance
- 2) Safety