

# Calibration and control of medical devices

## Why medical devices need control?

The rationality and urgency of inspections originates from medical, economic and ethical aspects. Medical devices are a vital part of clinics, hospitals and institutions therefore more attention should be focused on controls; a proportion of funds should be strictly dedicated for preventive periodic controls of all medical devices.

The controls are especially indispensable for devices that are in direct contact with the patient or whether the patient's health or treatment depends on correct operation of the medical devices.

## Possible consequences

Medical devices that operate incorrectly can have harmful effects on patients and the staff that use them. This may even result in incorrect diagnosis which consequently leads to unnecessary appointments to further specialist examinations. Even worse, the unrealistic measurement results could lead to false diagnosis and consequently to wrong treatment of the patient.

Quality should be the key element included in all medical activities since it is a key factor that provides success in all areas in the world nowadays.



## **To measure means to know**

Due to the growing needs for equipment control, we have extended our services in the field of control and calibration of medical devices that are in use. We cover a wide range of medical devices:

- body weight and laboratory scales
- cycle-ergometer
- blood pressure monitor
- defibrillator
- ECG (including fetal)
- therapeutic ultrasound
- electric stimulator
- magnetic stimulator
- medical laser
- incubator
- UV-phototherapeutic apparatus
- audiometers

## **Your vision and our common objectives**

- To increase the quality of medical services.
- To reduce the costs for the institution.
- To reduce risk for both staff and patients.

## **Why SIQ?**

- SIQ is a professional organization with over more than 50 years of proven performance and experience.
- Independence.
- Skilled personnel.
- State-of-the-art measuring equipment.
- Holders of several accreditations.

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