

IMPLEMENTATION OF *INTERNET OF THINGS* IN THE MONITORING OF PATIENTS OF A MORBID OBESITY PROGRAM. THE WIFIOBESE PROGRAM.

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Introduction. In computing, the Internet of Things (IOT) refers to an interconnected network of everyday objects. Why not apply this technology's wifi to the management of our patients?

Objectives. To implement a scale directly on the Internet that patients would have at home and automatically send data to the surgeon that could see through the Internet, iPhone or iPad. Thus, trying to determine if:

- New technologies for the control of morbidly obese patients in a referral center, before surgery to determine the time of surgery is suitable.
- WIFI scales and email can be an interesting support for the future.
- The degree of patient satisfaction with wifi follow-up is superior to the traditional.

Methodology: Each patient has access in the house where all the weights recorded, the BMI and the percentages of lean and fat mass. Patients share their data automatically with their surgeon whenever weighed. It offers a mobile phone to patients in cases of doubt, and an email address. It keeps track of preoperative and postoperative weights and their evolution. In follow-up, / the patient has an emailed questionnaire to be answered according to the protocol.

Results. We included 10 patients in the Wifiolese program (3 men and 7 women) and 23 in the standard follow-up group. All patients have already undergone surgery. All patients had wifi at home and email account. It has been tracking all patients by wifi scales and e-mail in the IOT group and in the outpatient clinic in the standard follow-up group, with results expected. Wireless monitoring of patients no surgery involved and worked fine except in one case. All patients have received a questionnaire. Wifi follow-up was successful and that the scales are not technical problems, offers the possibility of closer monitoring and higher compliance.

Conclusions. We believe that new technologies also run over the monitoring of our patients, we decided to implement this pilot study at our center. The degree of compliance monitoring is greater. ICT is increasingly in telesurgery, robotics but also in monitoring patients.