

# The reorganization of medical laboratory. The plan from the region of Sardinia

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The law December 27, 2006 (Finance act 2007) Article 1, paragraph 796, letter "O" says that every districts must prepare a plan to reorganize the network of structures public and private accredited that provide specialist laboratory diagnosis in order to adjustment of levels of organization and personnel, conform to increase efficiency in consideration of automated methods. In relation to this request, region of Sardinia is divided into eight provinces with a low population square kilometres and a very inefficient road system. The medicine laboratory services are locally distributed inside every administrative division, inside each administrative division it can be demonstrate more than one service, often of little dimensions, most of the time that collect both clinical chemistry and microbiology samples. Very rarely, in the structures of great dimensions we assist to a differentiation between the several specialties. The plan previews the reorganisation with the transformation in Hub of the central laboratories and in spoke of those smaller and peripheral. It is scheduled the institution of regional reference laboratories ad high specialization. Hub laboratories should be only located at each administrative division where would be transferred also the examinations to high specialization, now little executed in the peripheral laboratories of the single ones administrative divisions. It will be developed or strengthened the net of the points of withdrawal of the blood and of delivery of the reports in the territory. Leaving the laboratories of the hospitals more little ones pertaining to the same one administrative division the execution of the ur-

gent detection of the patients in hospital and the management of the Point Of Care Testing. Are identified regional reference laboratories to perform analysis of high specialisation diagnosis: of rare diseases, execution methods RIA, centres of reference for determinations of toxicology and molecular biology, cytofluorometry examinations, immunogenetic of transplants. The criteria are to be determined, but have already been identified and are undergoing reorganization the centres for rare diseases and immunogenetic of transplants. The project involves improving the link-up services to regional telecom network and a more efficient and effective corporate computer network. Strengthening the network of sampling points of the territory will lead to the reorganization of the transport system of biological samples. This reorganisation should consider the road system which constitutes the main obstacle. In the vision of a rationalisation of resources, the plan previews the only management of the contests of contract and a regional system of management of the warehouses. This project involves the reorganization of facilities, transports, networks, but especially promote the participation of professionals who work within departments of medicine laboratory also through a rational training project. They will have to be characterized the formative contents, instruments and training methods facilitating dialogue between operators of different skill levels and territory. This objective can not be left solely to individual companies, but must be obtained through a collaboration with Scientific Societies.