

Title (en)

COMMUNICATION SYSTEM FOR THE INTERACTION BETWEEN MEDICAL LABORATORIES AND MEDICAL TREATMENT CENTERS

Title (de)

KOMMUNIKATIONSSYSTEM FÜR DAS ZUSAMMENWIRKEN VON MEDIZINISCHEN LABORATORIEN UND ÄRZTLICHEN BEHANDLUNGSEINRICHTUNGEN

Title (fr)

SYSTEME DE COMMUNICATION DESTINE A L'INTERACTION DE LABORATOIRES MEDICAUX ET DE CENTRES DE TRAITEMENT MEDICAUX

Publication

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Application

**EP 00988705 A 20001115**

Priority

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- EP 0011313 W 20001115

Abstract (en)

[origin: WO0137190A2] The invention relates to a communication system for the interaction between medical laboratories and medical treatment centers. Centralized laboratories already make use of data communication for transmitting analytical data, of accepting or handling orders. According to the invention, all relevant laboratories and their specialized departments on the one hand and the medical treatment centers on the other hand are interconnected via data communication devices with an integrative central laboratory data base that is provided with a server computer. The required patient- and examination-related data are entered in a data entry module of a data input device in the commissioning treatment center and are forwarded in a coordinate manner via the central laboratory data base to the respective laboratory or laboratory department via data output devices in the commissioned laboratory or laboratory department. The samples to be analyzed are characterized and/or encoded in the treatment centers by means of the data entry modules according to predetermined criteria and are forwarded to the relevant laboratory or laboratory department. The analysis orders already booked are activated once the samples arrive in the laboratory and the analytical data are stored in the central laboratory data base and are transmitted to the commissioning treatment centers via data communication devices once the analyses are completed.

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