

Health informatics or **medical informatics** is the intersection of [information science](#), [medicine](#) and [health care](#). It deals with the resources, devices and methods required to optimize the acquisition, storage, retrieval and use of information in health and biomedicine. Health informatics tools include not only computers but also clinical guidelines, formal medical terminologies, and information and communication systems.

Subdomains of [\(bio\)medical](#) or [health care informatics](#) include: [clinical informatics](#), [nursing informatics](#), [imaging informatics](#), [consumer health informatics](#), [public health informatics](#), [dental informatics](#), [clinical research informatics](#), [bioinformatics](#) and pharmacy informatics.