

Health-e-child (www.health-e-child.org)

The Health-e-child project is an integrated healthcare platform for European pediatrics. Today there is a demand for the integration and exploitation of biomedical information to improve clinical practice, medical research, and personalise healthcare for EU citizens. Health-e-child's aim is to integrate traditional and emerging sources of biomedical information and therefore provide uninhibited access to universal biomedical knowledge for personalised and preventive healthcare, large-scale information-based biomedical research and training, and informed policy making.

The platform will allow a comprehensive view of a child's health by vertically integrating biomedical data, information, and knowledge. The focus is on individualised disease prevention, screening, early diagnosis, therapy and follow-up of pediatric heart diseases, inflammatory diseases, and brain tumours. The project will build a Grid-enabled European network of leading clinical centres that will share and annotate biomedical data, validate systems clinically, and diffuse clinical excellence across Europe by setting up new technologies, clinical workflows, and standards.

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