

Precision health – the way forward!

Agenda report 2022 - summary



Precision health aims to increase health and make it more equal by using data about the individual's biology, lifestyle and environment to prevent, diagnose and treat with precision. By using the full potential that modern healthcare and research can offer with precision health, we will get:

1. a healthier population – through prevention we can reduce the risk of disease.
2. tailored diagnosis, treatments, and cures for people whose disease is unavoidable.

Sweden is in a good position to develop and benefit from precision health. In order not to delay the development more than necessary, it is important that decision-makers have a good understanding of this paradigm shift in healthcare and can act accordingly.

To meet that need, the members of the organization “Agenda for Health and Prosperity” have written a report that explains what precision health is, the opportunities that lie ahead, and what is needed to create an environment conducive to the progress. We have also agreed on goals for precision health in Sweden, which we believe should be reachable within a few years. These are summarized in this one-pager.

Agenda för hälsa och välbefinnande – ett samarbete mellan



och:



Read the report (Swedish): www.forskasverige.se/Agenda2022

Visit Research!Swedens website: www.forskasverige.se/en

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Goals aimed at creating direct benefits for the patient

Preventing disease

Precision health will bring more knowledge about the best measures at individual-, population- or community level to prevent disease. An important element is screening programs that can increase chances of detecting and treating disease, as well as vaccination programs that prevent disease or reduces its severity.

- By 2025, the population will have equal access to nationally recommended screening and vaccination programs, regardless of where they live in Sweden.

Use of precision diagnostics and precision treatment

Earlier and more accurate diagnosis enables more effective treatment, which is of great value to individuals as well as for the economy.

- By 2025, all patients with rare diseases and all children with cancer, as well as the majority of all cancer patients, will be offered genetic mapping and treatment that matches the individual's or the tumor's characteristics (provided that such treatment is approved by a subsidy decision from TLV or a recommendation from the NT-council).
- By 2030, all patients will be offered genetic mapping and matching treatment in the disease areas where it is approved and considered sustainable.
- By 2030, several different types of biology data are used, generating more accurate screening, precision diagnostics and personalised treatments.

Goals aimed at creating an environment conducive to development and implementation of precision health in Sweden

Implementation in healthcare

With national coordination and funding of infrastructure, clinical research and competence, the opportunity for the population to have equal access to precision healthcare increases, regardless of where they live.

- By 2025, there will be long-term, non-project-based, governmental funding and a national steering group for the health-related infrastructures relevant to precision health.
- By 2025, there is a long-term plan for the structure and financing of competence in precision health, which includes skill development of existing employees as well as the development of new roles and educations.
- By 2025, statistics will be kept on the number of clinical trials started, ongoing and completed, in which precision health is included in a separate category. By 2030, we have twice as much funding for, and patient participation in, clinical trials on precision health.

Health data

Access to health data is a fundamental prerequisite for making progress in precision health for prevention, diagnosis, and treatment.

- By 2025, we will have interoperable systems with privacy protection for storing, collecting, sharing and using data. We will also have legislation and clear guidance that enables:
 - a) patients to access and share their own healthcare data, including data generated by health services; and
 - b) previously collected healthcare data to be re-used without requiring new consents for the same data, still safeguarding ethical guidelines for studies.
- By 2030, individual "patient overviews" will be available in healthcare for all citizens.

Ethics

Precision health contributes to a better understanding of diseases and risks for individuals. Health professionals need to relate to this increased information.

- By 2025, we will have national guidelines for health professionals with regards to the ethical aspects of precision health in terms of risk assessment, prevention, diagnosis and treatment, as well as data sharing.

Funding

The largest cost of healthcare is the absence of effective treatments and prevention.

- By 2025, decisions will have been made to increase the financing in precision research, development and healthcare to the level of comparable countries.
- By 2025, funding models for preventive healthcare are in place.
- By 2025, there will be methods for health economic evaluations of advanced therapies that open up for new payment- and reimbursement models. These will contribute to a more efficient use of pharmaceuticals and promote research, quality and efficiency from the patients' perspective, as well as the societies need for long-term sustainability.