

smart medication - Digital Ecosystem for the Care of Patients with Hemophilia

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Introduction

In February 2012, about 10 years ago, smart medication was launched with the electronic diary for patients with hemophilia. In the meantime, more than 1600 patients in 45 treatment centers and over 90 pharmacies in Germany and Switzerland have been set up. Not only is smart medication attractive for patients, physicians, pharmacies and pharmaceutical companies, but other partners, such as CROs and the German Hemophilia Registry (DHR), also benefit from the platform. By networking patients, physicians, pharmacies and the other partners, added value is created that would not be achievable without smart medication.

Method

The digital ecosystem of smart medication is a socio-technical system in which the participants (patients, doctors, pharmacies, pharmaceutical companies, etc.) cooperate to ensure and guarantee optimal care. The smart medication platform is attractive for all participants, as simple, secure and networked digital solutions support and solve the challenges in everyday care. In particular, it addresses:

- location-independent real-time monitoring of home self-treatment by the physician
- traceability of batches and register reporting according to the Transfusion Act
- documentation and secured reporting in accordance with pharmacy regulations
- implementation of retrospective and prospective studies

Only the integration and networking of all participating partners in this digital ecosystem enables optimal and holistic patient care. The resulting direct and indirect network effects maximize the overall benefit for all participants.

Conclusion

The digital ecosystem smart medication addresses the needs of participants and creates added value that cannot be achieved without using the digital platform.

