smart medication™

„An advanced reporting module within the smart medication™ platform simplifies mandatory reporting into the German Hemophilia Registry (DHR)“

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Objectives:
The German Hemophilia Registry (DHR) collects data from patients with bleeding disorders based on the German Transfusion Law (Transfusionsgesetz). The reporting process is characterized by time-consuming manual entry of bleeding information along with factor consumption into a form based interface at DHR. Alternatively, electronic diaries can utilize an automated electronic interface for direct communication with the registry, avoiding re-entering large amount of data manually again.

Methods:
Within the smart medication™ platform an easy to use module was integrated to support processing and transferring diary data to the German Hemophilia Registry (DHR). This includes validation of factor consumption and bleeding information by doctors, secure data transfer to the registry as well as documentation of all reporting activities carried out by hemophilia centers.

Results:
A pilot testing phase of the reporting module within smart medication™ confirmed that data handling and processing is greatly simplified for hemophilia centers using the smart medication™ platform. It could be shown that validation and transfer of bleeding information as well as factor consumption to the German Hemophilia Registry (DHR) already available in smart medicatio™ can be easily processed, saves significant time and lead to a maximum in data quality being reported to the registry.

FIG. 1 OVERVIEW REPORTING MODEL

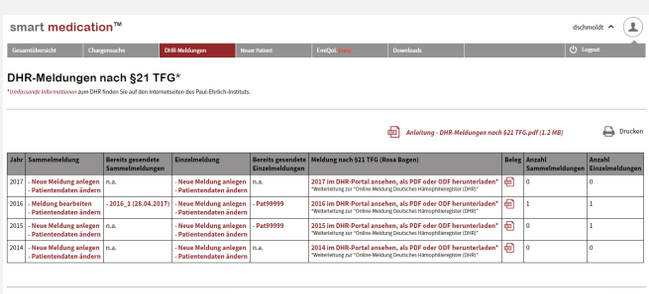

FIG. 2 COLLECTIVE REPORT: PATIENT DATA

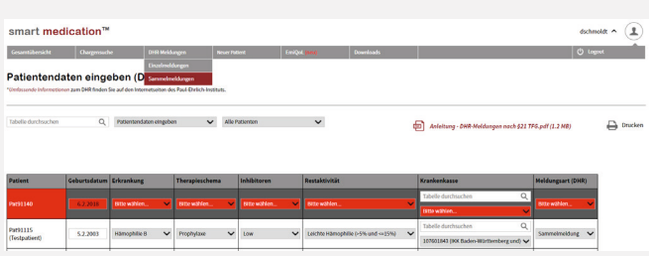

FIG. 3 SINGLE REPORT: PATIENT DATA

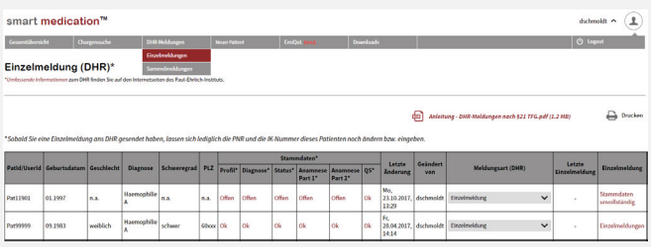

FIG. 4 COLLECTIVE REPORT

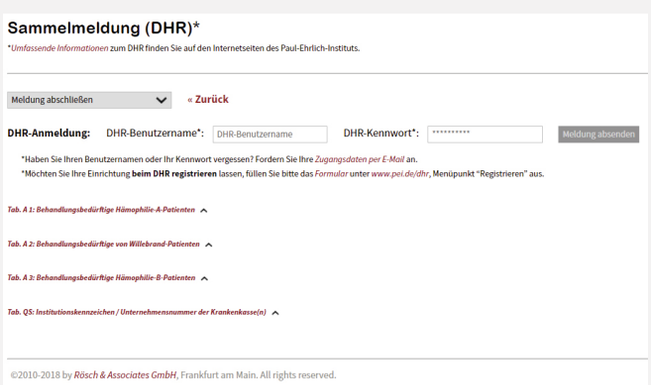

FIG. 5 SINGLE REPORT

Conclusion:
Data processing within electronic diary smart medication™ for notification and reporting into the German Hemophilia Registry (DHR) is easy to use, avoid error-prone manual re-entry of large amount of data, saves time in the reporting process and at the same time ensures a maximum of data quality.