

Healthware Consulting Ltd.

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## Market data

### Toplists of reimbursement and number of patients, November 2018 TOP 10 ATCs by all reimbursement paid enoxaparin 705 M Ft other nutrients 661 M Ft paliperidone 620 M Ft ruxolitinib 490 M Ft Share of TOP 10 active rivaroxaban 467 M Ft rosuvastatin 452 M Ft insulin glargine 407 M Ft 402 M Ft dimethyl fumarate perindopril and diuretics 351 M Ft subs apixaban 333 M Ft Source: Pharmacy turnover data, Healthware analysis



Average number of medical sales reps

Source: NHIFA data, Healthware analysis



Connectors

# TOP 10 brands by all reimbursement paid

CLEXANE				705 M Ft
JAKAVI		490	0 M Ft	
XARELTO		467 M F	t	
TECFIDERA	402 M F	t		
XEPLION	357 M Ft			10
ELIQUIS	333 M Ft			Share
XULTOPHY	318 M Ft			<u>đ</u>
IBRANCE	315 M Ft			TOP 10
FOSTER	308 M Ft			13%
SUTENT	304 M Ft			13% g
			Source: Pharmacy turnove	r data. Healthware analysis

Novartis Hungária Kft. 2 648 M Ft SANOFI-AVENTIS Zrt. 1 976 M Ft EGIS Gyógyszergyár Zrt. 1 691 M Ft Richter Gedeon Vegyészeti Gyár NyRt. 1 621 M Ft Pfizer Kft. 1 445 M Ft Novo Nordisk Hungária Kft. 1 406 M Ft TEVA Gyógyszergyár Zrt. 1 346 M Ft Boehringer Ingelheim Pharma GmbH mo.-i ft. 957 M Ft Sandoz Hungária Kereskedelmi Kft. 943 M Ft Janssen-Cilag Gyógyszerkereskedelmi M.Sz. Kft. 876 M Ft

TOP 10 distributors by all reimbursement paid

### Multi-source databases for supporting patient path analyses - Case study

can be generally stated, that those IT improvements which affect the fields of research, analysis and data ining, all point to the same direction: the purpose is to collect and process a larger amount of data than ever,

(real world evidence) plays an increasing role in health care analyses. The usage of the rapidly acceler-amount of data, collected from a variety of sources – such as electronic health records, health insurance

- g the required permissions, patient pathways can be built even for the duration of 10-15 years
- ullet it became possible to examine the same issue from different aspects, thereby correlations and
- connection of data sets gives the opportunity to use more detailed prefittration and with the usage
  of more parameters, narrowed and more precisely determined populations can be analysed
- analysis of longitudinal patient care data can considerably contribute to the improvement of clinical efficiency and effectiveness of healthcare • performance of the health system is directly affected by the quality of professional, health

Challenges diverse databases, platforms: universal gatherer databases, registers on a common 8E e.g. Oracle, PostgreSQL, MSSQL platform; or cloud-based approach data cleansing, validation and substitution of missing NHIFA HIS 1 LIS recognition of distortions caused by the purpose of RIS Registers Genomic Surve values, which can be usually corrected with statistical := Д data collecting methods and simulation setting up a common language with unified and TXT creation of universal definition platform accurate definition tables usage of datasets from different grouping levels: point-like patient data, variables and descriptive storage of correlation systems outcomes which belong to patient lifecycle periods; population-level aggregated outcomes e.g. representation of patient pathways and therapy selection of appropriate report tool sly evolving definition; data from n lectronic health registers. adherences with patient-flow diagrams pital Information System protection of data, users can only access to those multi-level access-management information which needed to carry out their own work



Reports

Share of TOP

10 distributor:

Source: Pharmacy turnover data, Healthware analy

Models

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