



## Boosting digital health through legislative initiatives in Germany

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## some decisive steps towards widespread uptake of Digital Health ..

- Assets: Digital/digitised hospital EHRs, imaging, reimbursement, telehealth;  
Barriers: Lack of integration, life-long EHRs, Data-driven care, Apps/mHealth  
NB: Specialist care dominated by office-based specialists, many single-handed
- Digitisation initiatives:
  - Secure network covering ambulatory services, hospitals, pharmacies  
Health Telematics Infrastructure (TI) completely rolled-out, hardware connectors.
  - Service roll-out for emergency data management, electronic medication plan, secure email communication (KIM – obligatory from October for sickness leave certificates)  
[KIM will usher in the end of fax, doctor's letters paid via KIM only]
  - Upcoming: EHR, secondary data use, a secure messenger (Matrix), DiGA, DIPA

# ePA (Electronic Health Records) Germany: Roadmap 2021 - 2024

- **E-Health-Act (EHG) [21.12.2015]** Act for secure digital communication and applications in the health sector  
Gesetz für sichere digitale Kommunikation und Anwendungen im Gesundheitswesen
- **Appointment Service and Supply Act (TSVG) [11 May 2019]** Terminservice- und Versorgungsgesetz
- **Digital Healthcare Act (DVG) [19 December 2019]**  
Act to Improve Healthcare Provision through Digitalisation and Innovation / Digitales Versorgungsgesetz
- **Digital Health Applications Ordinance (DiGAV) [21 April 2020]**
- **Hospital Future Act (KHZG) Krankenhauszukunftsgesetz [18 September 2020]**  
Digitisation programme supported by € 4,3 bn jointly funded by Federal (3 bn) and states (1,3 bn)
- **German Patient Data Protection Act (PDSG) [20 October 2020]**  
Sharing Data for research purposes, integrating medications/eRx, image files
- **Digital Care and Nursing - Modernisation Act (DVPMG) [9 June 2021]**

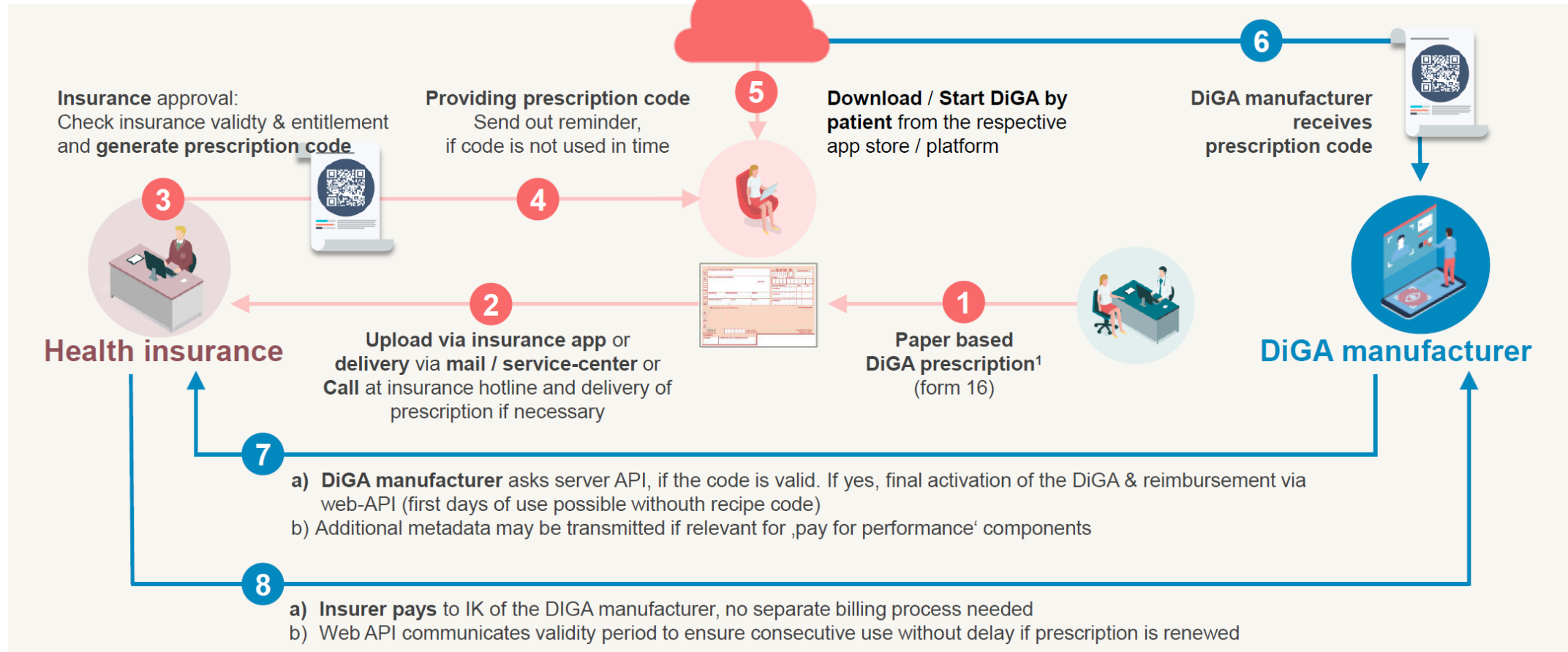
# Digital Therapeutics (DiGA) – prescribing Apps for reimbursement



## Detailed DiGA prescription & billing process

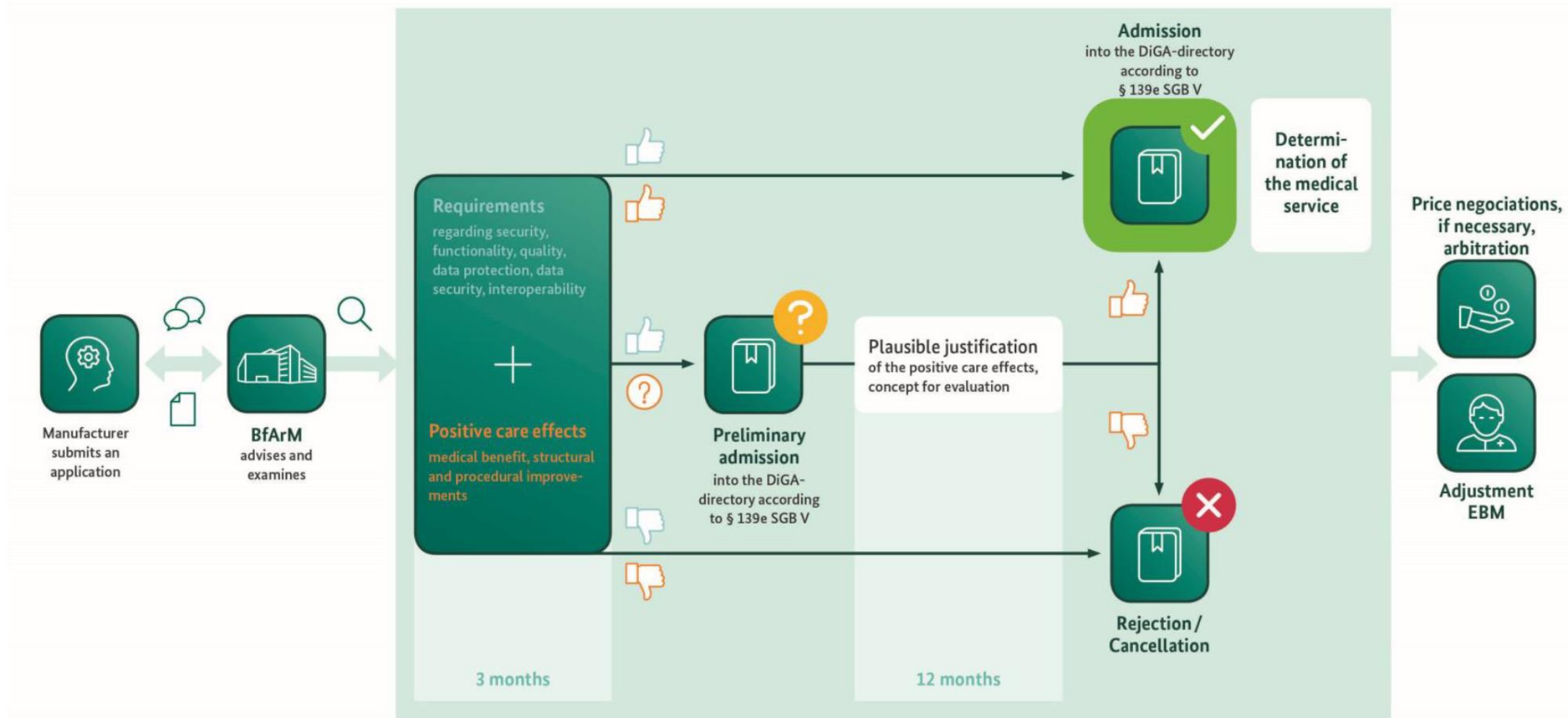
Patient facing processes

Backend processes



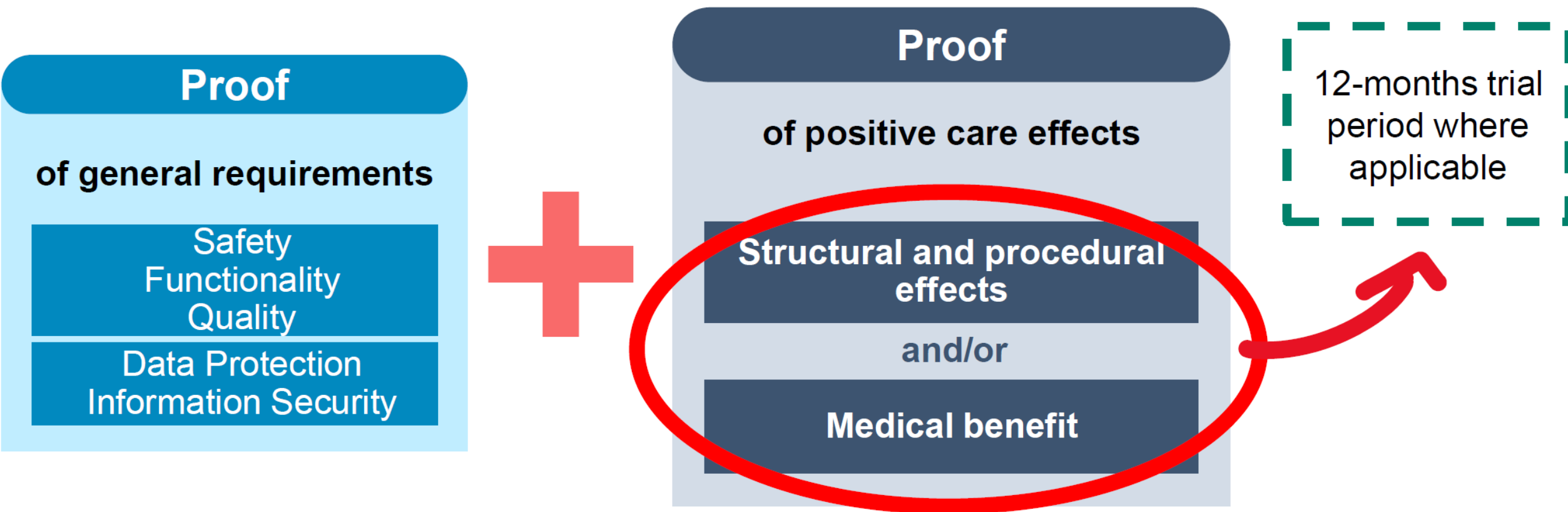
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# Digital Health Applications Ordinance (DiGAV) – Fast Track Procedure



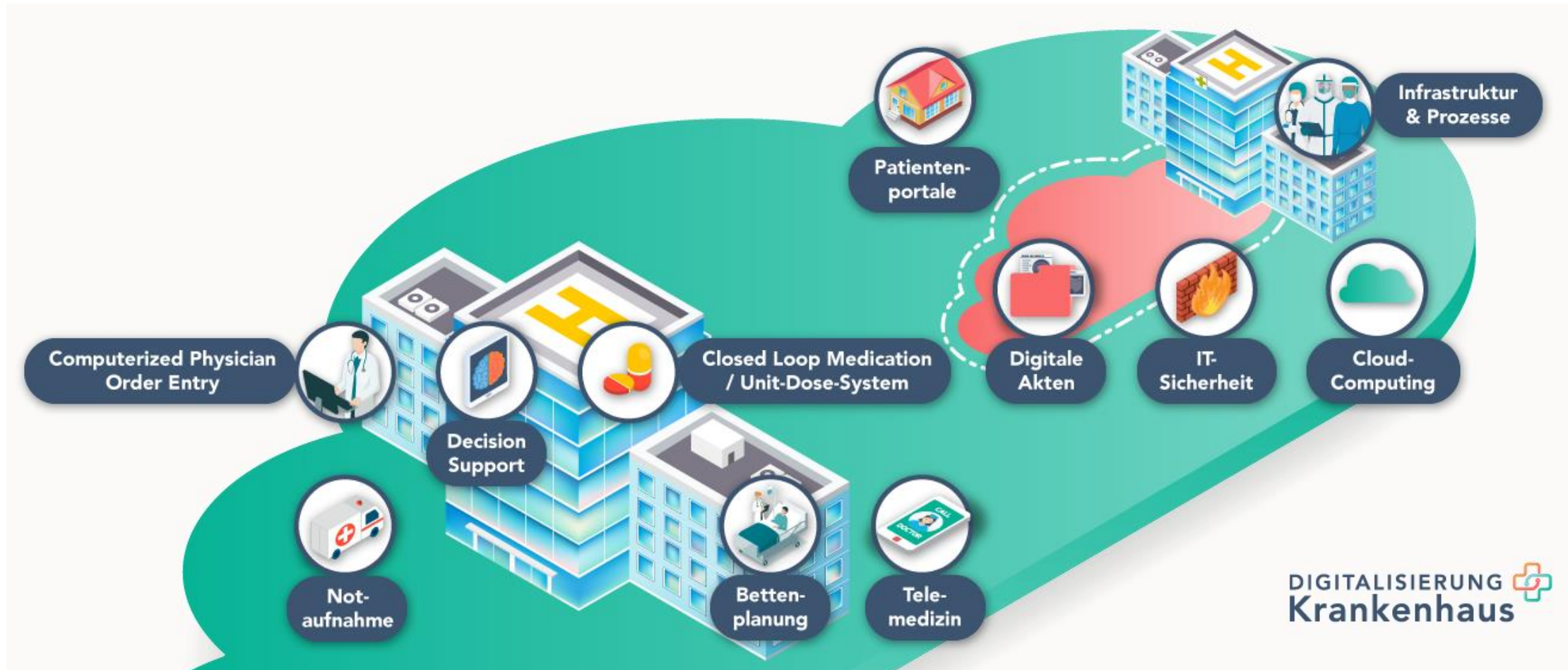
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# Digital Health Applications Ordinance (DiGAV) – Proof of Evidence



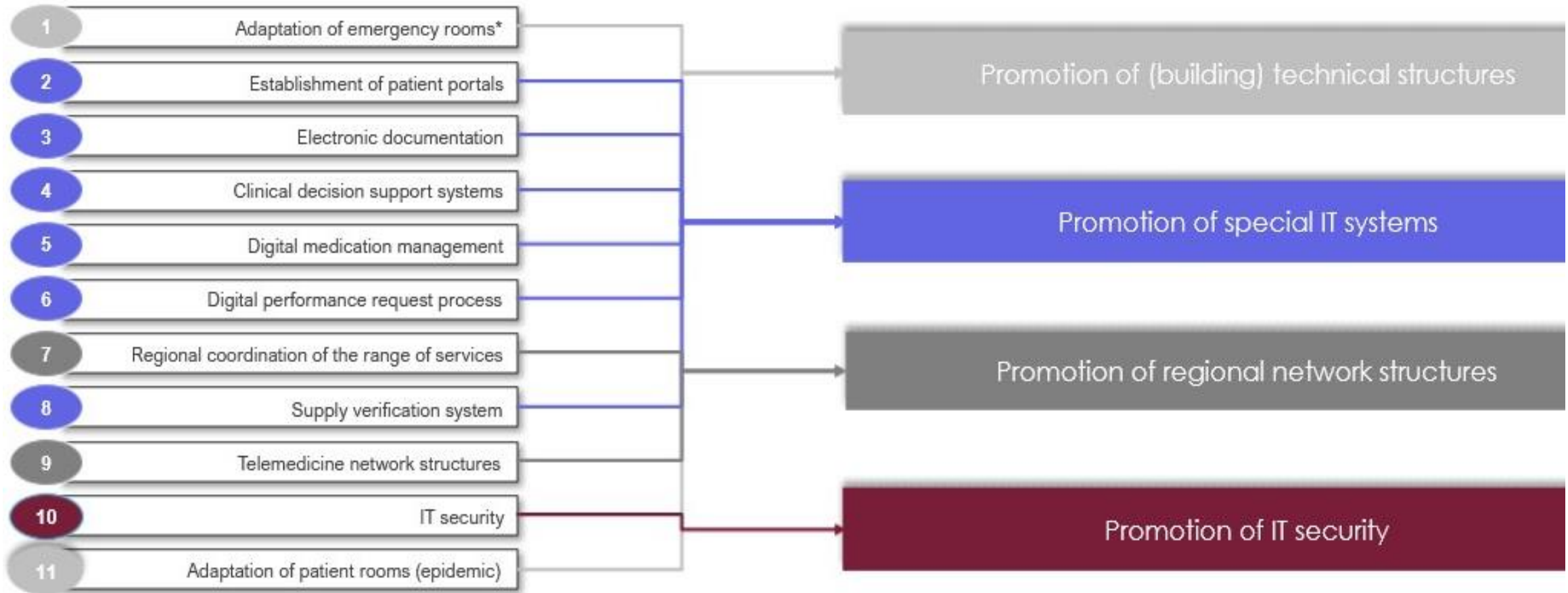
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# Hospital Future Act / Hospital Funding and Digital Maturity



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# Hospital Future Act: Domains in focus of funding and Digital Maturity



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# Hospital Future Act: Digital Maturity and (distinct) penalty assessments



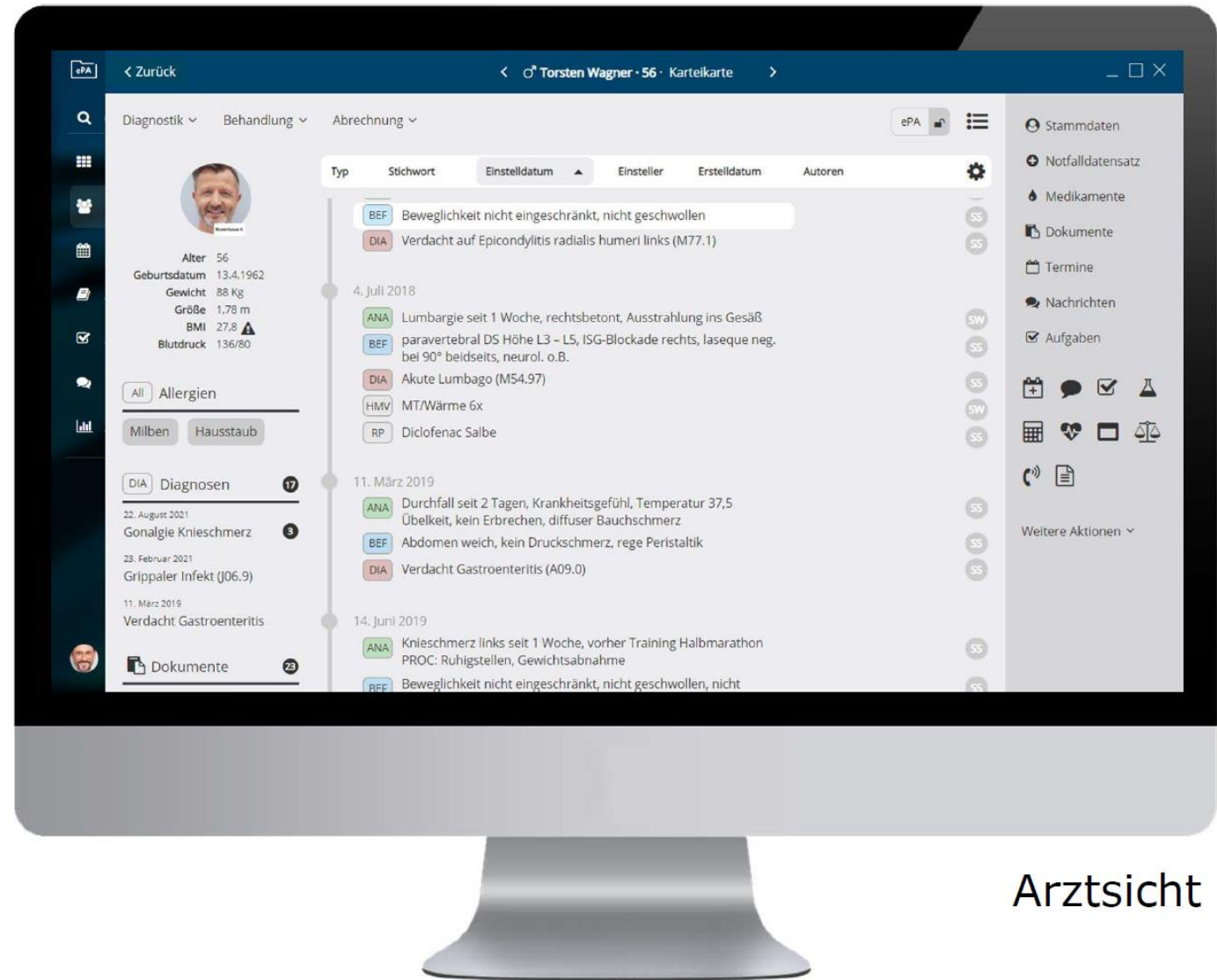
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# Smart, mobile platforms – putting health data in patients hands

## Patientensicht



Drawing © gematik, Germany



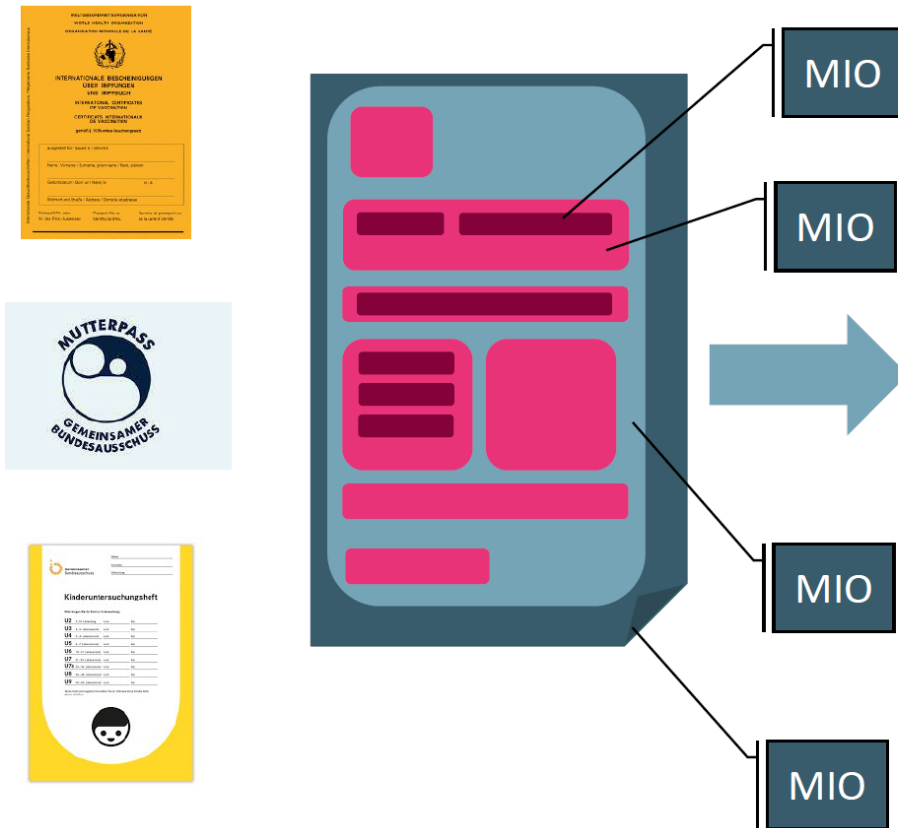
Arztsicht

# ePA (Electronic Health Records) Germany: Roadmap 2021 - 2024

- ePA 1.1 – from January 2021 (roll-out just getting pace as of September 2021)  
Comprehensive digital support of the patient-doctor relationship
- ePA 2.0 – from January 2022  
Involving more health professional groups (physiotherapists, midwives)
- ePA 3.0 – from January 2023  
Sharing Data for research purposes, integrating medications/eRx, image files
- ePA 4.0 – from January 2024  
Options for connecting cross-border eHealth applications

# MIO – Medical Information Objects (Semantic Building Blocks) -> IPS

MIO-Dokument mit MIO-Elementen



MIO - Bibliothek



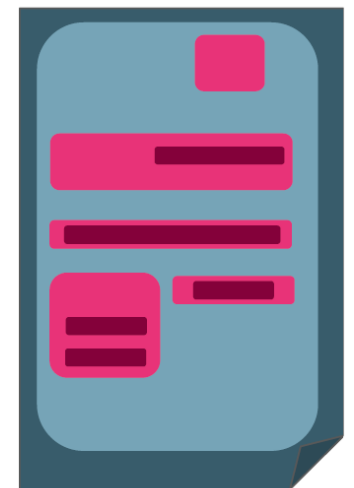
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Struktur

Verpackung

Dokument

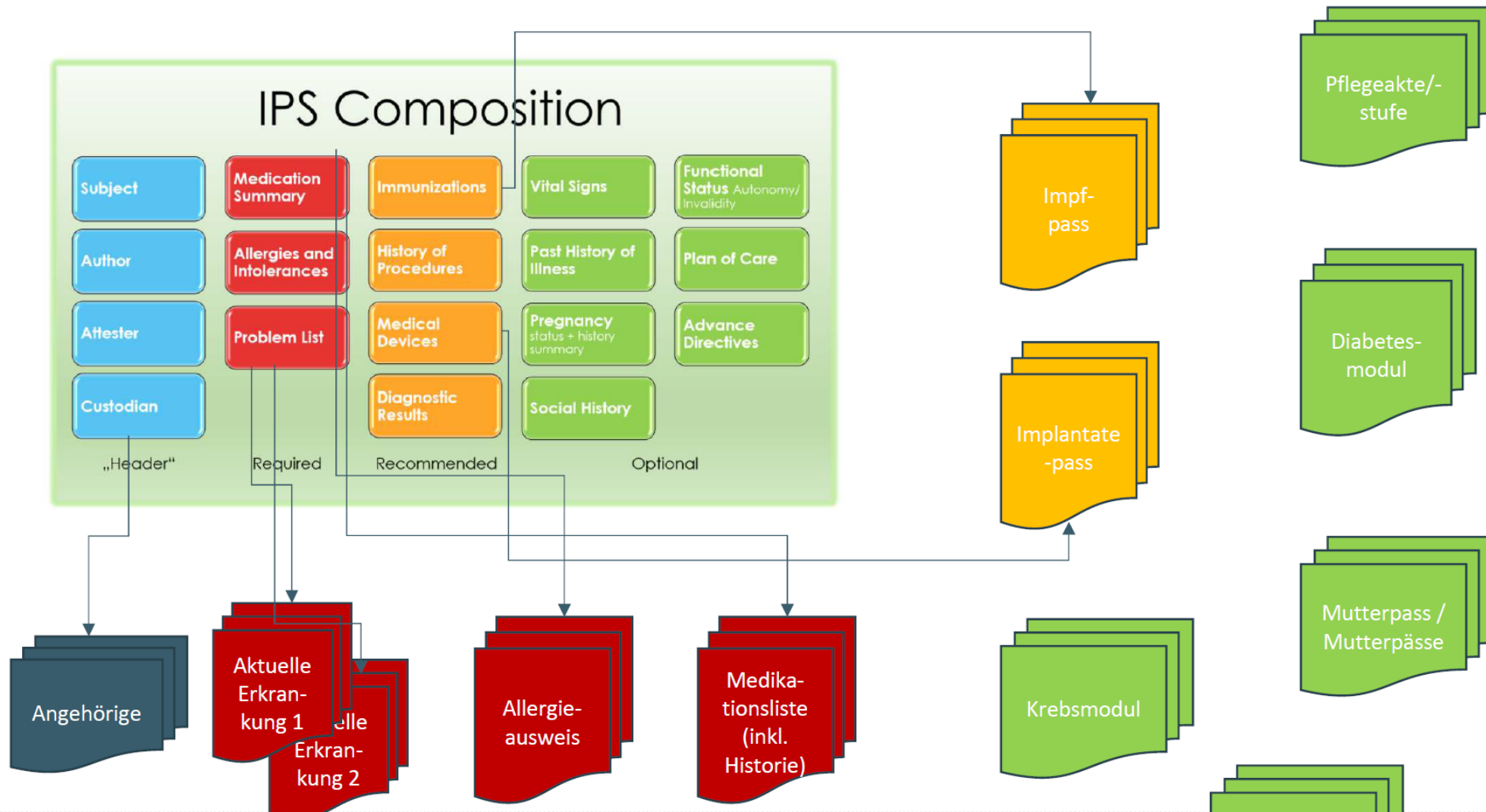
Wiederverwendung



Neues Dokument

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# MIO – Medical Information Objects (Semantic Building Blocks) -> IPS



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