



# Hospital pharmacies in the digital age – Views of the European Association of Hospital Pharmacists (EAHP)

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Dr Steffen Amann, EAHP Director of Professional Development

# EAHP & Digital Health

## Position on eHealth & mHealth

- Electronic prescribing
- Single unit does barcoding
- Protection of patient data
- Training for healthcare professionals
- Involvement of hospital pharmacists in ICT design

## Falsified Medicines Directive

## European Statements of Hospital Pharmacy

- Section 1.7 (ICT/eHealth/mHealth)



## Statement 1.7

*"Hospital pharmacists must be involved in the design, specification of parameters and evaluation of ICT within the medicines processes. This will ensure that pharmacy services are integrated within the general Information and Communication Technology (ICT) framework of the hospital including electronic health (eHealth) and mobile health (mHealth) procedures."*

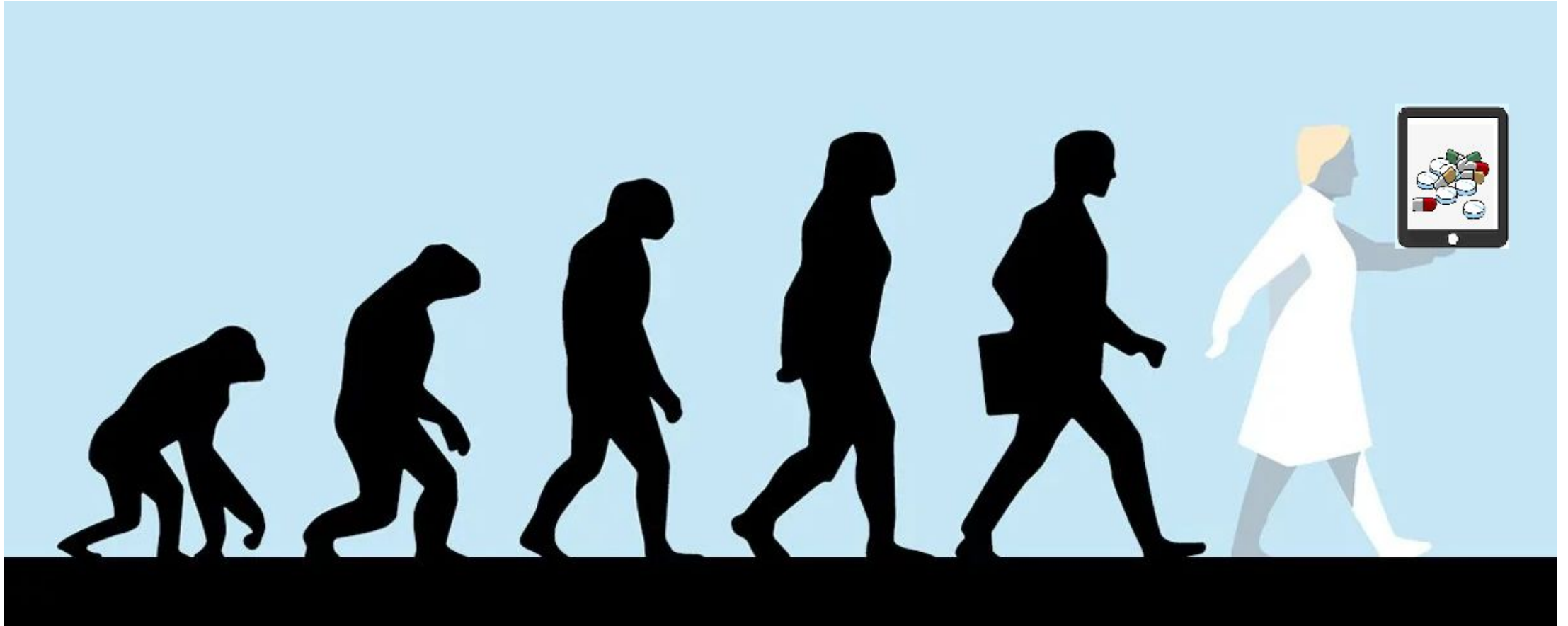
Source: Eur J Hosp Pharm October 2014 Vol 21 No 5

Available at:

[https://www.eahp.eu/sites/default/files/eur\\_j\\_hosp\\_pharm-2014-editorial-256-8.pdf](https://www.eahp.eu/sites/default/files/eur_j_hosp_pharm-2014-editorial-256-8.pdf).

Fact check:

Where are we in European hospitals (pharmacies) in the 20<sup>th</sup> century?

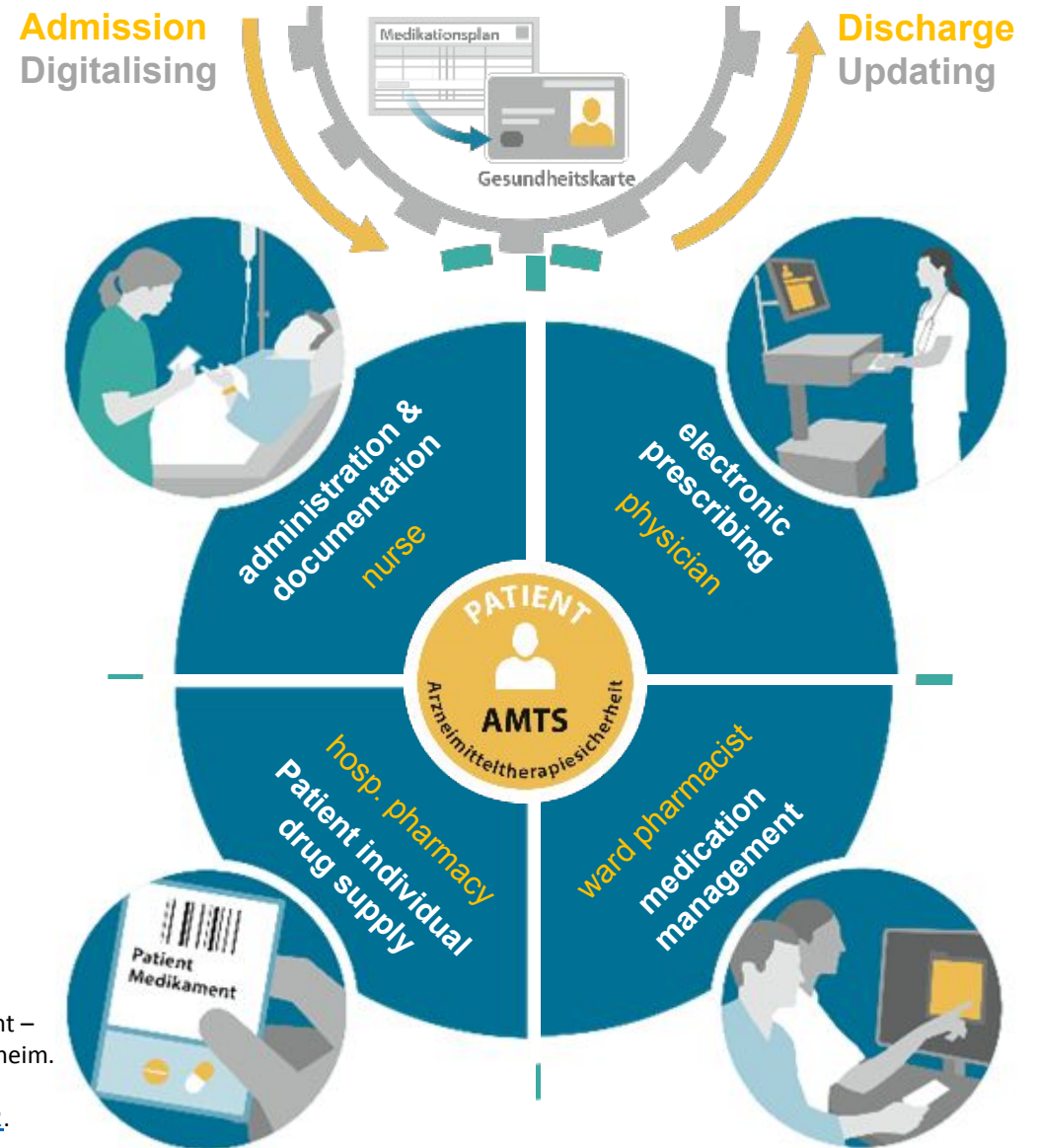




... mostly analogue

Med. gezeichnet		- ausgehängigt		/ H W		/ L		/ K	
Med. eingegeben									
oral / rektal ↓	Arzt	10mg	Arzt	Arzt	Arzt	Arzt	Arzt	Arzt	Arzt
		1-0-1	1-0-1	1-0-1	1-0-1	1-0-1	1-0-1	1-0-1	1-
		10mg	0-0-1	0-0-1	0-0-1	0-0-1	0-0-1	0-0-1	0-
		95mg	1/2-0-1/2	1/2-0-1/2	1/2-0-1/2	1/2-0-1/2	1/2-0-1/2	1/2-0-1/2	1/2-
		0,4mg	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-
		15mg	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-
		600 mg	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-0-0	1-
					1-0-0	1-0-0	1-0-0	1-0-0	1-
					0-1-0	1-0-0	1-0-0	1-0-0	1-
	Medikation	① INHALATION S/A B.B.							

... mostly expected



Source: Prof. Dr. phil. nat. Frank Dörje, Dr. Manfred Haber, Dr. Michael Baehr, Closed Loop Medication Management – ein Muss für die Klinik 4.0, Management & Krankenhaus 9/2018, S. 24, WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim. Available at: <https://www.adka.de/index.php?eID=dumpFile&t=f&f=2721&token=e20eac748cf3cfbe83e422b7ef4a0df81e1ff4c2>.

Barriers in real life –  
lack of data interoperability<sup>§</sup>:

- Information exchange between hospital and community pharmacies
- Electronic Health Records (EHR)
- ...

<sup>§</sup>might differ between member states



# Impact of digitalisation on the work of hospital pharmacists the European/international sphere

- European Commission Communication on Digital Health and Care
  - Securing data access and sharing; connecting and sharing health data for research; strengthening citizen empowerment
- European AI Alliance & AI White Paper
  - Discussing and developing policy options to facilitate a secure and trustworthy development of AI
- European Health Data Space (EHDS)
  - Fostering the exchange, and sharing of different kinds of health data (electronic health records, genomics, registries, etc.)
- EMA/HMA Big Data Steering Group
  - Identifying practical steps for the European medicines regulatory network to make best use of big data



# Digital Health & hospital pharmacy

Digital developments will impact the work of hospital pharmacists



Importance of staying engaged & contributing to changes in digital health

Contribution of digital health innovation to patient safety





Thank you for your attention!

Steffen Amann – [Steffen.Amann@eahp.eu](mailto:Steffen.Amann@eahp.eu)