



MyHealth@EU: Patients health data cross border exchange – status and future of the services provided to all EU citizens by the Member States and the Commission

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28/06/21

ANNIVERSAR



Patients access to ePrescriptions abroad

Electronic prescription in Europe - a Finnish patient purchasing medication in a pharmacy aboard



ePrescription

allows citizens in Europe to retrieve their medication in a pharmacy located in another European country without having to bring the printed prescription and without being concerned about the language barrier.





Doctor access to foreign citizen Patient Summary

Patient Summary

used while traveling abroad and being in necessity of consulting a doctor in that country.

Provides information on important health related aspects such as your allergies, current medication, previous illness, surgeries.

Helps doctors to formulate an adequate treatment, avoid some possible risk (for instance in case of allergy) and overcome linguistic barriers.









Empowers citizens

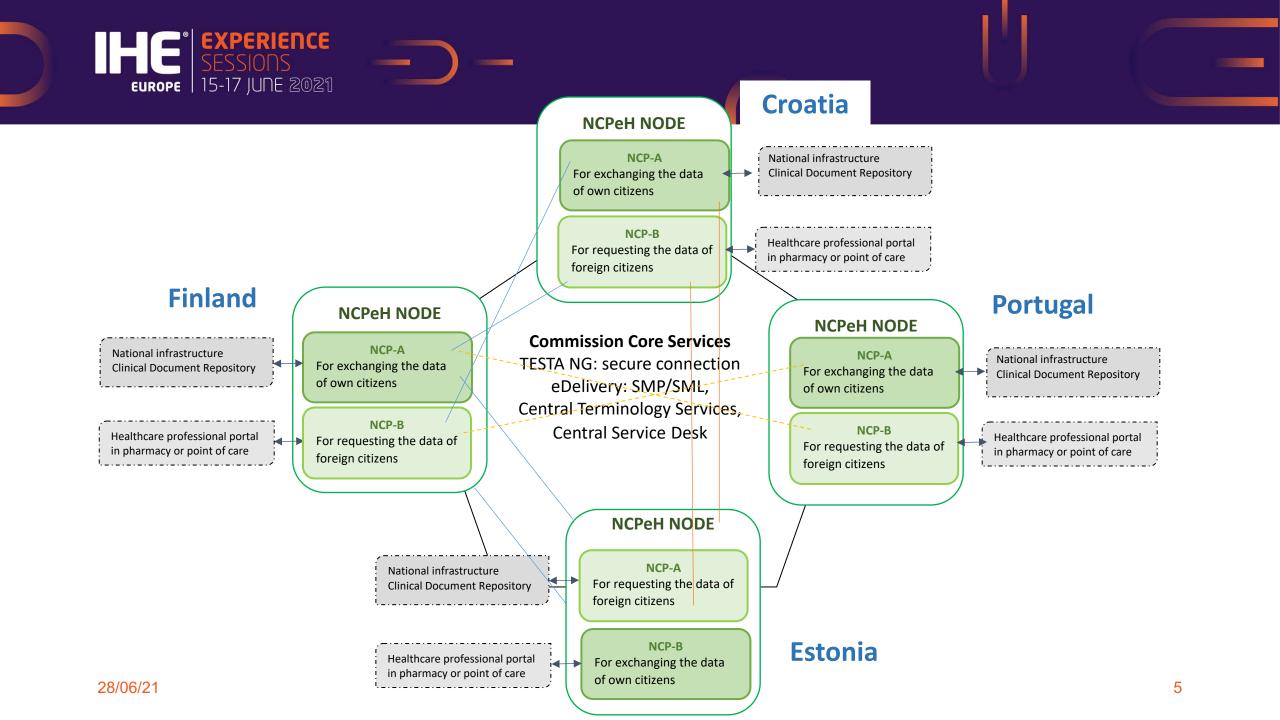
by giving secure access to their health data abroad



Strengthens cooperation & synergies between Member States and Member States and the Commission









EUROPEAN HEALTH DATA SPACE Use of data for healthcare (primary use of data) Give citizens better access to their health data, everywhere in EU

My Health @ EU eHealth Digital Service Infrastructure

Medical images and reports in healthcare professional language

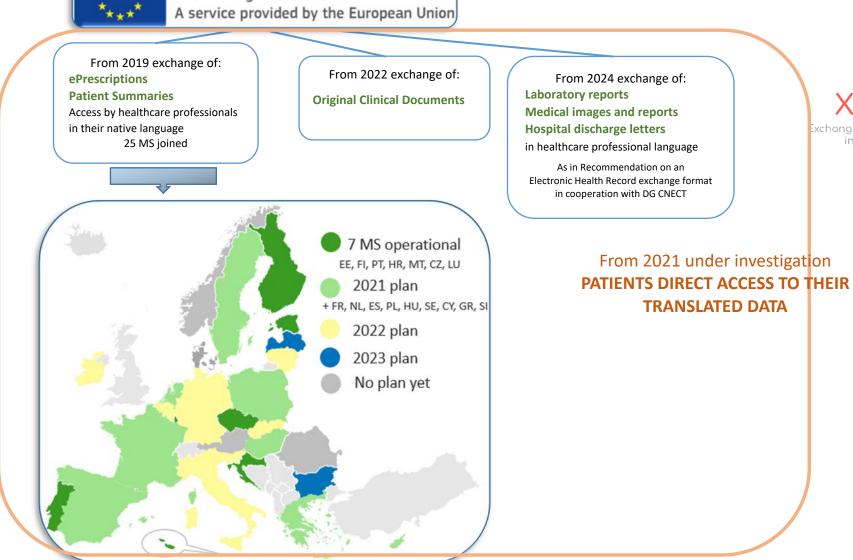
As in Recommendation on an Electronic Health Record exchange format in cooperation with DG CNECT



EXPAND

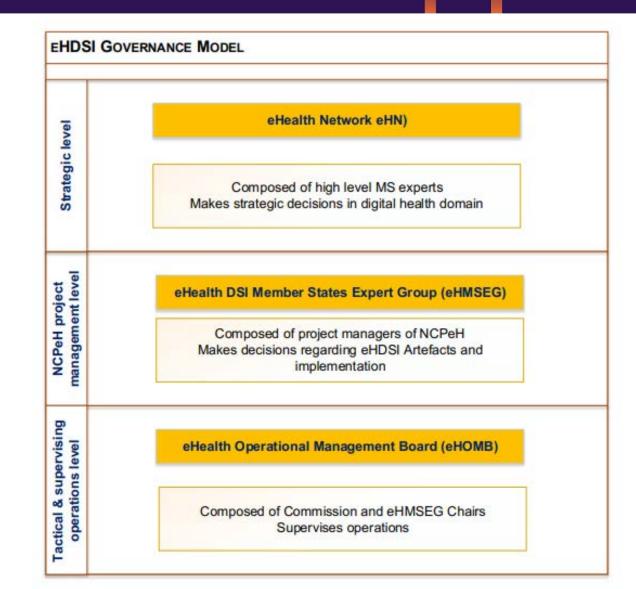
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epsos



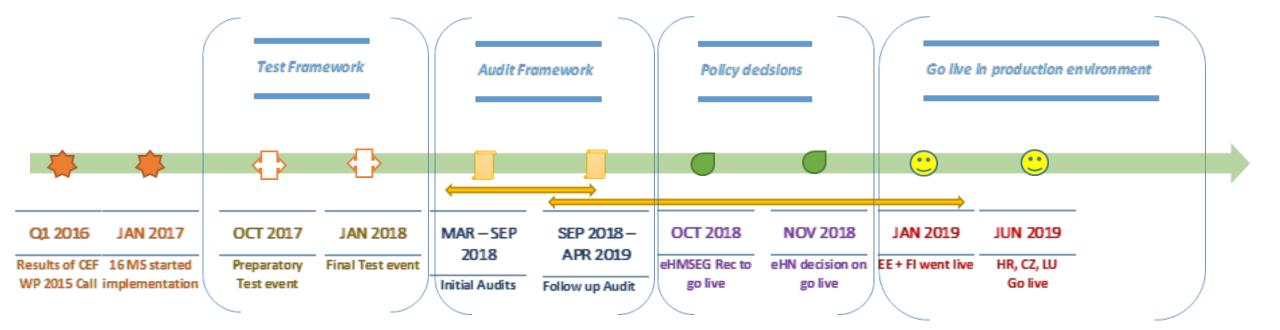
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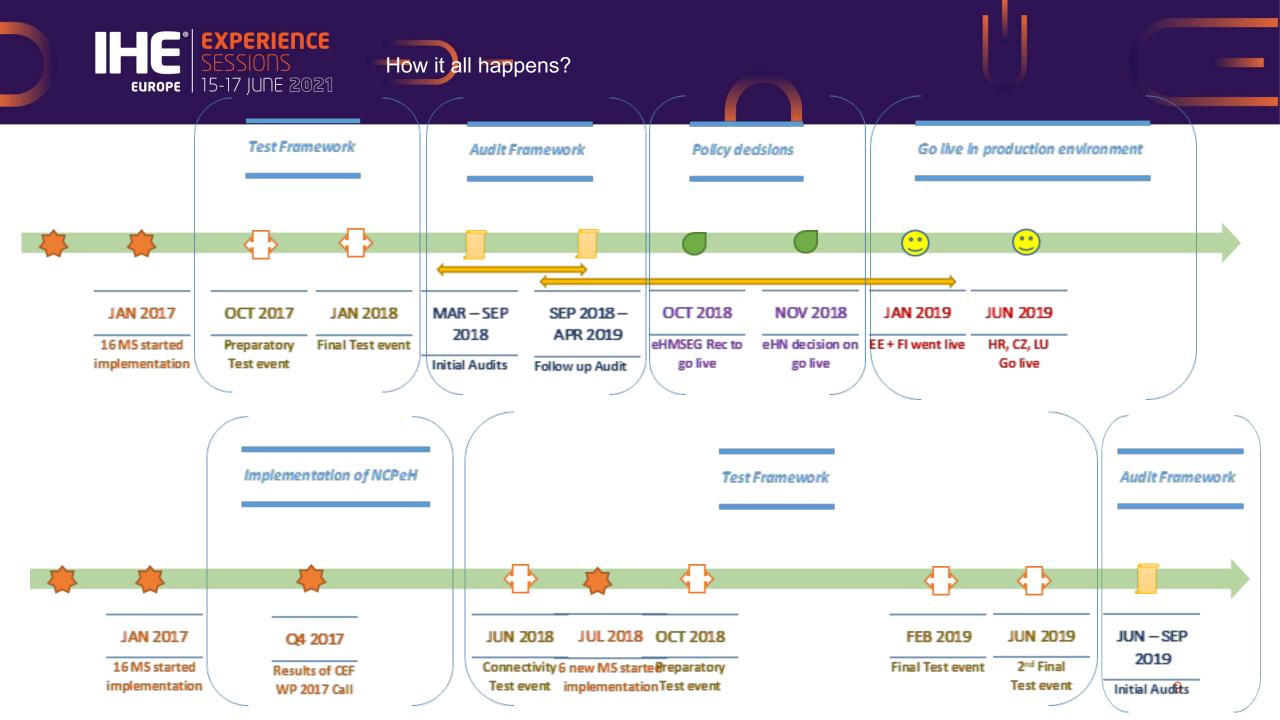














Dossier Patient

Patient

131 2019-11-22 14:35:00 (+02:00) 132 2010-10-01 Original Document Language English-UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

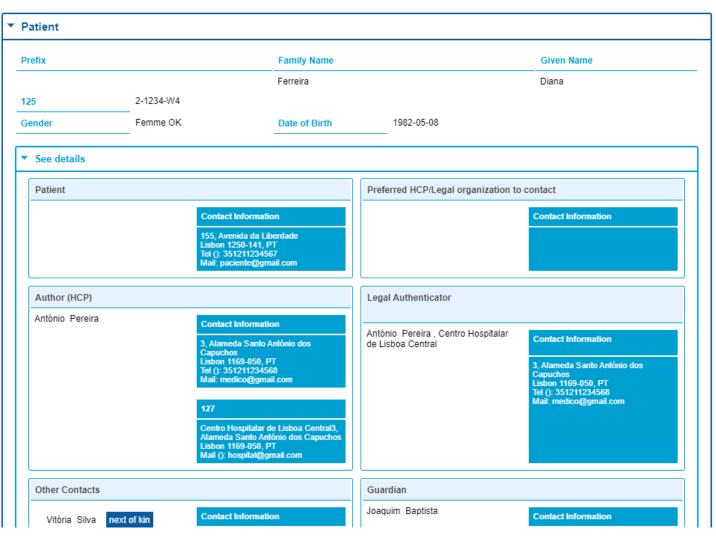
Clinical sections







Dossier Patient





Structured data which Doctor is able to see in current Patient Summary

Dossier Patient

► Patient			
131 2019-11-22 14:35:00 (+02:00)	132 2010-10-01	Original Document Language	English-UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
 Clinical sections 			
Allergies and adverse react	ions Document		
Relevant diagnostic tests/la	boratory data Narrat	ive	
Problem list - Reported			
History of Medication use N	arrative		
History of medical device us	se		
History of Procedures Docu	ment		
 History of Past illness Narra 	itive		
 History of Immunization National 	rrative		
 Social history Narrative 			
 History of pregnancies Narr 	ative		
Vital signs			



Structured data which Doctor is able to see in current Patient Summary

Dossier Patient

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2019-11-22 14:35:00 (+02:00) <u>132</u> 2010-10-01 <u>Original Document Lange</u>	English-UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
nical sections	
Allergies and adverse reactions Document	
Relevant diagnostic tests/laboratory data Narrative	
Original narrative	
 Translated coded 	
Diagnostic Date	Blood Group
2019-11-22	Blood group O Rh(D) positive
Problem list - Reported Original narrative	
Translated coded	
Active Problem	Onset Date
Asthma (J45)	1994-10-03
Postprocedural endocrine and metabolic disorders, not elsewhere classified (E89)	1997-10-06
Other cardiac arrhythmias (149)	2013-01-09
Other cardiac arrhythmias (I49) Type 2 diabetes mellitus (E11)	2013-01-09 2013-01-09

• History of Medication use Narrative

History of medical device use

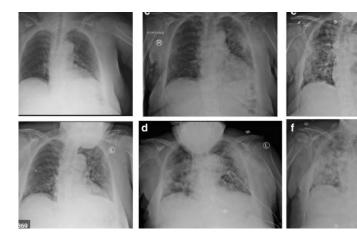




Dossier Patient

10-10-01 Original Document Language	English-UNITED KINGDOM OF GREAT	BRITAIN AND NORTHERN IRELAND
nent		
ata Narrative		
Brand Name	Vaccination Date	Administered
Engerix B (2294189)	1983-01-02	✓
Tetravac (2782480)	1983-01-02	*
	ata Narrative	ata Narrative ata Narrative Brand Name Vaccination Date





Medical images

Lab

reports Blood Test Report

	Fasting	Normal values		Observation	
Complete Blood Count (CBC)	Fasting not essential				
RBC (Erythrocytes)	No	M-4.5-6.4 F-4.0-5.4	Mil./ c. mm	If less: anemia	
Haemoglobin	No	M-14-18 F-12-16.4	Gm / 100 ml		
PCV (RBC)	No	M-42-52 F-37-47	%		
MCV (Mean corpucells volume)	No	78-94	Fl. Cu	Type of anemia	
MCH	No	27-32			
MCHC	No	32-38	Gms/dl %		
WBV (Leucocytes)	No	4000- 11000	Per c. mm	If less-susceptibility to infection	
				If very high in Lacs- Leukemia	
Differential WBC count	No		%		
Neutrophils		60-75		If more-acute infection	
Lymphocytes		20-30		If more-chronic infection	
Monocytes		2-8		If more-T.B. Typhoid, urinary infection	
Esoinophils		1-6		If more-allergy, cough, col asthma, and worms.	
Basophils		0-1		Led poisoning, Leukemia	
Abnormal cells					
Platelets	No	150000- 450000	Cu. Mm	If less-bleeding disorder, dengue,	
Peripheral smear	No				
Morphology of:					
RBC	No	Normochromic /Hypochrom		chromic / Anisocytosis	
Observation		Normal / Anaemia /size of R		e of RBC differs	
WBC	No				
Blood Parasites	No	-		MP, Filaria	
Reticulocytes	No	0.5-1.5 / 0.2-2.2		If more-anemia	
Color Index	No	0.85-1.15			

Cardiac Diagnosis	Chest pain, r/o MI Confirmed AMI CHF, Palmonary edema Coronary artery disease Unstable Angina Syncope Cerebral vascular disease Peripheral vascular disease Other		
Procedures	□None □Cardiac catheterization □PTCA □PTCA with stent □PCI □Echocardiogram □RVG □ETT □Nuclear ETT □Coronary artery bypass graft □Cardiac valve □MUGA □Exercise Echo □Other		
What does the patient's past history include?	□Previous MI □Angina □Heart failure □Hypertension □Diabetes □Renal insufficiency □Smoker (within the past year) □No regular exercise (<30min. 3x/wk) □ PVD □ Stroke □COPD □Atrial fibrillation □None of the above		
Height/Weight:	Hgt: inches Wgt:lbs BMI:		
Blood pressure	/ mm/Hg		
Lipids, HbA1C (if diabetic)	Total Chol:mg/dL_ HDL:mg/dL_ LDL:mg/dL Triglycerides:mg/dL_ HbA1C:mg/dL,		
Ejection fraction:	§]	
Discharge Status	D01 - Discharge home D07 - Left against advice D02 - Discharge to another hospital D10 - Transfer to chronic or rehabilitation hospital D03 - Discharge to skilled nursing facility (SNF) D11 - Discharge to mental health setting D04 - Discharge to intermediate care facility (ICF) D12 - Discharge other D06 - Discharge home health care organization D20 - Expired		
Antiplatelets/ coagulants:	□Aspirin (80-325 mg/d) □Coumadin (Warfarin) □Ticlid/Plavix/Other □Check if taking prior to admission □Contraindications		
ACE Inhibitors:	□None □None contraindicated □: □Taking prior to admission		
Beta Blockers	None contraindicated D: Taking prior to admission]	
Cholesterol Reducer	None Contraindicated Dimetric DTaking prior to admission		
Other meds at discharge	□Ca++ channel blockers □Other anti-hypertensive □Nitrates □Digoxin □Diuretics □Diabetes medication □Other □None		
Referred to outpatient Cardiac Rehab Program?	Tyes DNo DUnknown Hospital discharge		

Patient Name:

Discharge Date:

□white □black/african american □asian □hispanic □native american □multiracial □other □don't know

years or Date of Birth:

AHA Discharge Form

Age:

Race:

Medical Record #:

Admit Date:

Demographic

letter

(Revised 10-17-00)

Location:

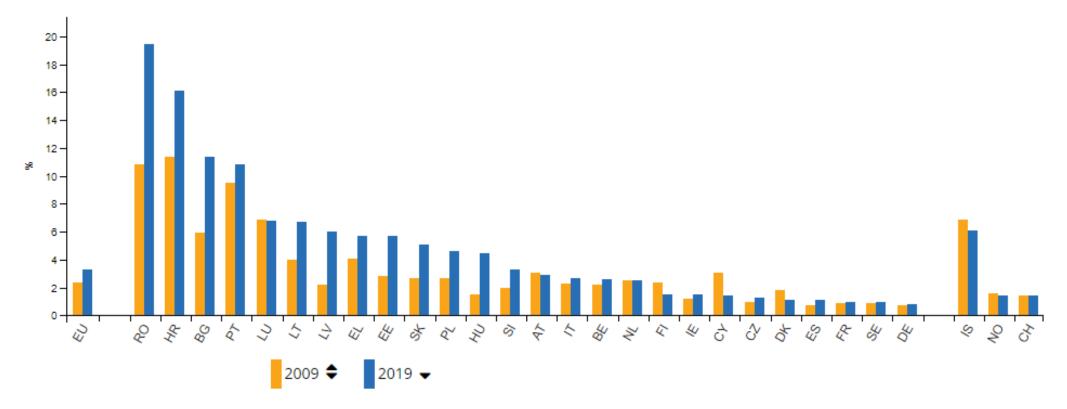
Physician: Gender: DMale DFemale



My Health @ EU eHealth Digital Service Infrastructure A service provided by the European Union



EU mobile citizens of working age (20-64) by country of citizenship, % of their home-country resident population



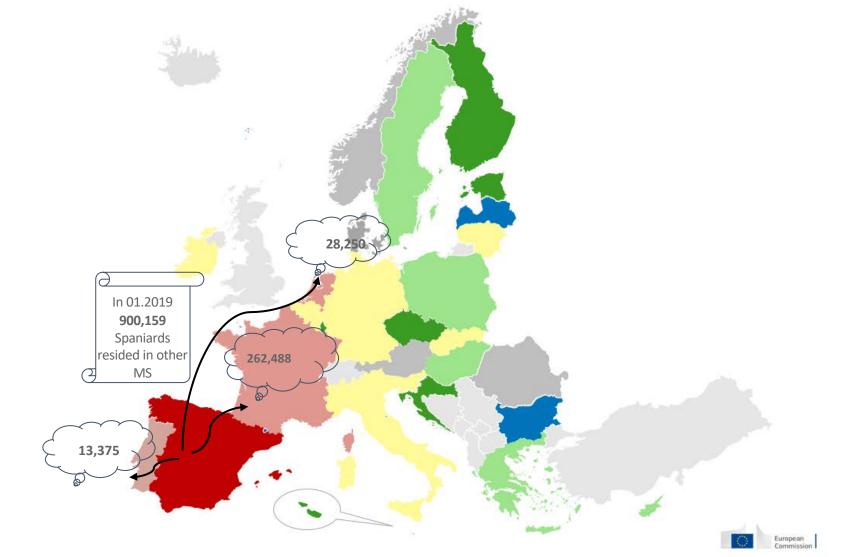
https://ec.europa.eu/eurostat/statistics-explained/index.php?title=EU_citizens_living_in_another_Member_State_-___statistical_overview#Who_are_the_most_mobile_EU_citizens.3F



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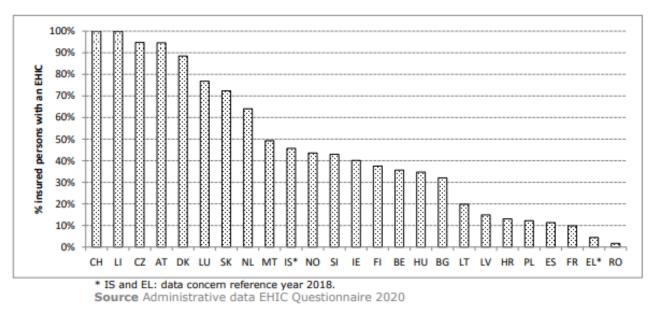
What it means in terms of numbers?





In 2019 there were 250 million EHIC in circulation (European Health Insurance Cards)

Figure 1 Percentage of insured persons with an EHIC, EU-28, 2019



https://ec.europa.eu/social/BlobServlet?docId=23780&langId=en





From 2024 exchange of: Laboratory reports Medical images and reports Hospital discharge letters

in healthcare professional language

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https://ec.europa.eu/health/ehealth/electronic_crossborder_healthservices_en

https://ec.europa.eu/cefdigital/wiki/display/EHOPERATIONS/eHDSI+SERVICE+OFFERING



