



VERGLEICH ELGA KONFORMER EHEALTH SYSTEME FÜR DEN WIENER KRANKENANSTALTENVERBUND

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Um welche Systeme geht es?

IHE basiertes Archivsystem

- Speichern & Bereitstellen von Patientendaten für andere autorisierte Document Consumer
- Abrufen von Patientendaten anderer Archivsysteme

Motivation

Erstellung eines Kriterienkataloges zur

- Bewertung der Qualität
- Überprüfung der Einhaltung erforderlicher Standards
- Vergleichbarkeit konkurrierender Anbietersysteme

Ergebnis

Kriterienkatalog mit 372 Kriterien* in 10 Kategorien (Funktionalität, Datenschutz,..)

Anforderung (strukturiert)	CR	Metric	Prüfungsmethode	Gewicht	Aggregation
Interoperabilität					
29,00					
The system should guarantee interoperability					
The system should guarantee interoperability between compliant systems	A	1	10	0	
The system should ensure compatibility with other systems	B	1	10	0,5	
The interfaces should clearly be specified	A	1	10	0	
The operation protocols should clearly be specified	A	1	10	0	
The medical data format/structure should be standardized using a defined set of data elements	B	0	0	0	
The medical data format/structure should be standardized using data schemes	B	0	0	0	
The system should offer the possibility to map objects in information to concepts (e.g. a terminology)	B	1	10	0,5	
The system should preserve the information about the terminology that is used for certain data	B	0	0	0	
72,00					
The system should implement/support IHE Profiles					
The system should implement/support the IHE XDS Profile	A	1	10	0	
The system should implement/support the IHE XDS.b Profile	A	1	10	0	
The system should implement/support the IHE CR Profile	A	1	10	0	
The system should implement/support the IHE PCU Profile	A	1	10	0	
The system should implement/support the IHE PCC Profile	A	1	10	0	
The system should implement/support the IHE XUA Profile	A	1	10	0	
The system should implement/support the IHE ATNA Profile	A	1	10	0	
The system should implement/support the IHE XCA Profile	A	1	10	0	
54,00					
Leistung/Effizienz					
39,00					
The system should be capable of expansion					
The system should be easily expandable in terms of number of patient records	A	1	10	0	
The number of maximum patient records should be expandable anytime and on-the-fly	A	0	10	0	
The system should inform the approved data when storage capacity is almost low in real time	A	1	10	0	
35,00					
The System should be fast and efficient					
The patient records should be available for query as soon as they are stored	A	1	10	0	
The system should have a standardized response time	A	1	10	0	
The system should be able to index data at 1000 per patient/visit	A	1	10	0	
The system should indicate costs per patient on hardware level	A	1	10	0	
The system should indicate costs per patient on license and service level	A	1	10	0	
10,00					
Wartbarkeit					
9,00					
The System should be easily adaptable					
It should be possible to update the system to new and upcoming standards	A	1	10	0,5	
New IHE Profiles and the Profile updates should be available	B	0	0	0	
New HL7 CDA versions should be made available	B	0	0	0	
New COCOM versions should be made available	A	0	0	0	
New terminology (standard terminologies should be supported (LOINC, ICD, ...))	A	1	10	0	
0,00					
Support should be available					
The system should offer a support to users	B	0	0	0,00	
Support should be available online	B	0	0	0,00	
Support should be available for requests	B	1	10	0,00	
Requests regarding technical problems should be possible	B	1	10	0,00	
Requests regarding the content must be possible	B	0	0	0,00	
SCORE					
300,000					

*durch Dokumentenanalyse & Ausgangsbasis „Grundlagen der Qualitätszertifizierung von Diensten im Rahmen der elektronischen Gesundheitsakte“
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