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Gesundheitsberufe

Erhebungsinstrumente

Kompetenzpassung und Ermittlung von Bedarfen für die Kompetenzentwicklung bei Gesundheits- und Medizininformatiker/innen (KeGMI)

Fragebogen zur Erhebung von Kompetenzen im Rahmen der TIGER-Initiative

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und Ursula Hübner

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- Hochschule Hannover, Zentrum für Studium und Weiterbildung (ZSW)
- Jade Hochschule, Zentrum für Weiterbildung, Oldenburg
- Hochschule Osnabrück, Fakultät Wirtschafts- und Sozialwissenschaften
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- Ostfalia Hochschule, Fakultät Gesundheitswesen, Wolfsburg

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Druckversion

Fragebogen

1 Einleitung

Thank you for your willingness to participate in this survey and for sharing your expert opinion on what constitutes core nursing informatics competencies.

This questionnaire seeks to identify the core informatics competencies of health care professionals in the five domains:

- 1) **nursing management** (e.g. ward management, hospital management)
- 2) **IT management in nursing** (e.g. nurse informatics officer, IT project management, introduction of new system)
- 3) **quality management** (e.g. organizational development, quality assurance)
- 4) **interprofessional coordination of care** (e.g. case management, discharge management)
- 5) **clinical nursing** (e.g. care planning, clinical reasoning)

This questionnaire consists of 24 identical blocks of competencies for nursing informatics in the five domains. The relevance of each of these competencies to these domains has to be rated.

2 Nursing Management

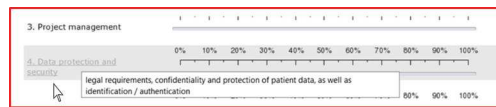
Area of Expertise: Nursing Management

Please mark the relevance of the following 24 competencies of nursing informatics for successfully managing the task profile of employees in nursing management (e.g. ward/nursing unit management including staff management and scheduling, resource planning and allocation, controlling/governance, statistics and reporting, developing strategies for the organisation including IT strategies).

You can vary the relevance of a single competence with the sliders from 0% "not relevant content" to 100% "very relevant content" for employees.

The slider appears by clicking the slider bar.

Detailed information will be provided by using the cursor to hover over a competence.



1. Principles of nursing informatics	0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%	-----
2. Applied computer science/informatics	0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%	-----
3. Project management	0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%	-----
4. Data protection and security	0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%	-----
5. Nursing documentation	0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%	-----
6. Information systems and communication systems	0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%	-----
7. eHealth, telematics and telehealth	0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%	-----
8. Information management in research	0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%	-----
9. Information management in teaching, training and education	0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%	-----
10. Decision support by IT	0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%	-----
11. Biomedical imaging and signal processing	0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%	-----



3 IT Management in Nursing

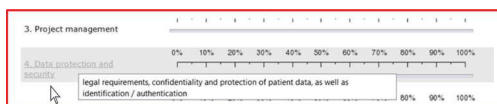
Area of Expertise: IT Management in Nursing

Please mark the relevance of the following 24 competencies of nursing informatics for successfully managing the task profile of employees in **IT management in nursing** (e.g. selecting, introducing new IT systems, leveraging the current use of IT systems, customizing IT systems for clinical processes, optimizing clinical processes through the use of IT, training clinical key users, communicating with CIO and Nursing Director).

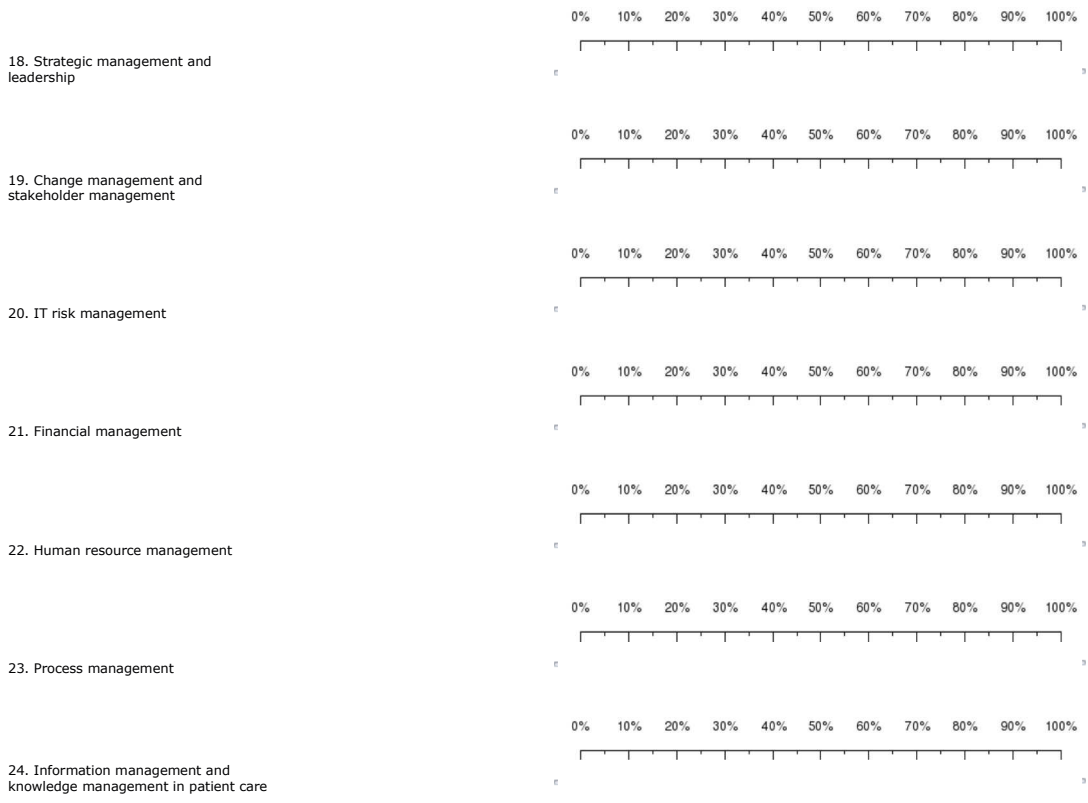
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4 Quality Management

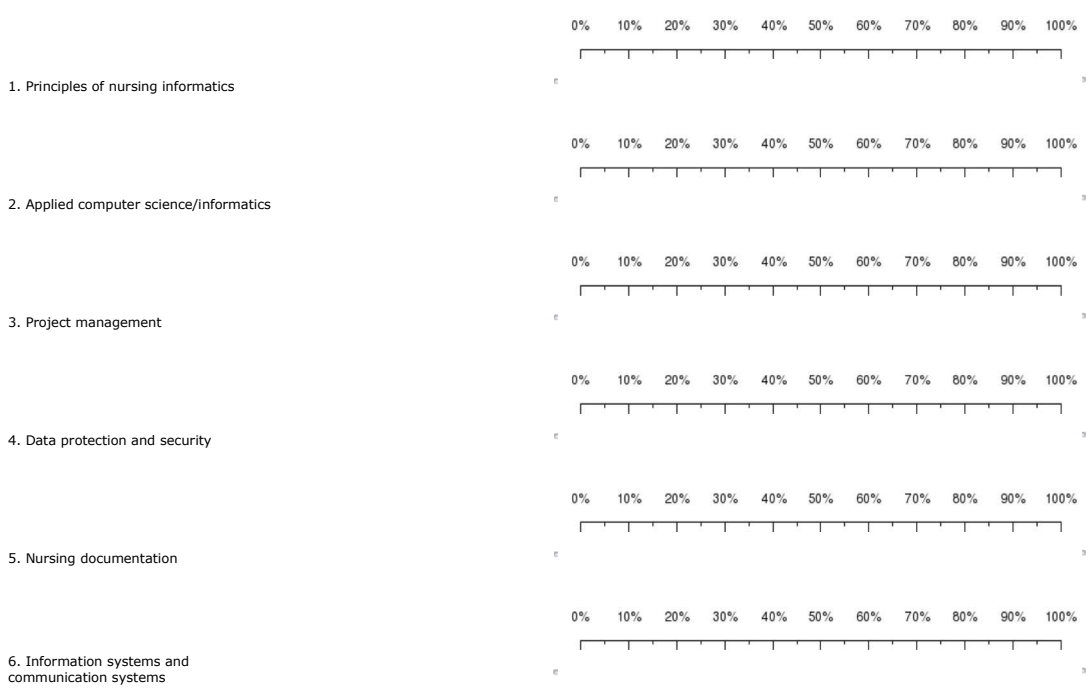
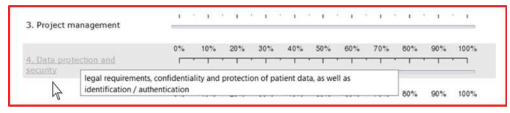
Area of Expertise: Quality Management

Please mark the relevance of the following 24 competencies of nursing informatics for successfully managing the task profile of employees in **quality management** (e.g. capturing, analyzing and interpreting existing quality indicators, developing new quality indicators, performing statistical analyses, using a data warehouse, introducing new and safe patient care measures based on evidence, developing clinical pathways).

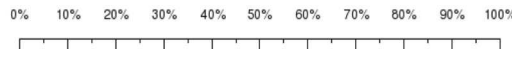
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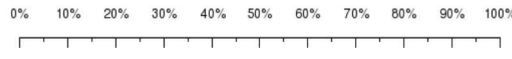
Detailed information will be provided by using the cursor to hover over a competence.



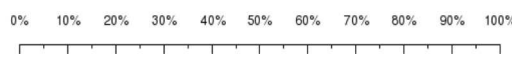
7. eHealth, telematics and telehealth



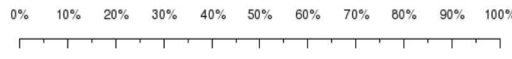
8. Information management in research



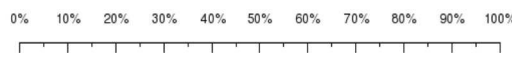
9. Information management in teaching, training and education



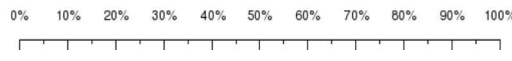
10. Decision support by IT



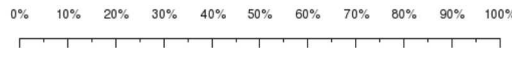
11. Biomedical imaging and signal processing



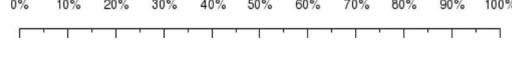
12. Quality management



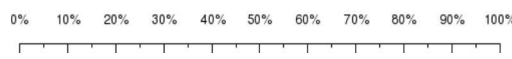
13. Biostatistics/statistics



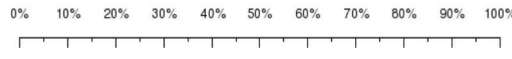
14. Resource planning and logistics



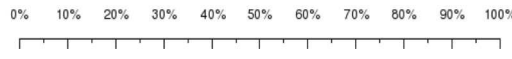
15. Assistive technology for ageing people (ubiquitous technologies)



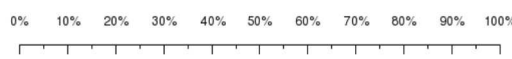
16. Ethics and IT



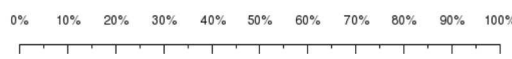
17. Principles of management



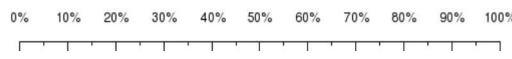
18. Strategic management and leadership



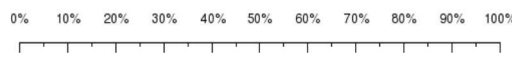
19. Change management and stakeholder management



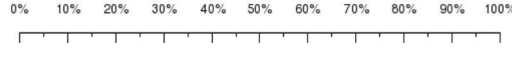
20. IT risk management



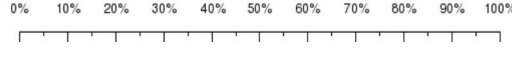
21. Financial management



22. Human resource management



23. Process management





24. Information management and knowledge management in patient care

5 Interprofessional Coordination of Care

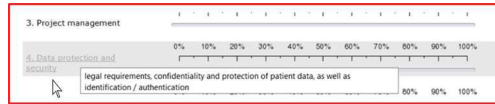
Area of Expertise: Interprofessional Coordination of Care

Please mark the relevance of the following 24 competencies of nursing informatics for successfully managing the task profile of employees in **interprofessional coordination of care** (e.g. coordinating different professionals with regard to e.g. treatment and discharge coordination, sharing knowledge, learning about different terminologies and understanding them, organising and contributing to interdisciplinary case conferences).

You can vary the relevance of a single competence with the sliders from 0% "not relevant content" to 100% "very relevant content" for employees.

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Detailed information will be provided by using the cursor to hover over a competence.



1. Principles of nursing informatics



2. Applied computer science/informatics



3. Project management



4. Data protection and security



5. Nursing documentation



6. Information systems and communication systems



7. eHealth, telematics and telehealth



8. Information management in research



9. Information management in teaching, training and education



10. Decision support by IT



11. Biomedical imaging and signal processing



12. Quality management

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13. Biostatistics/statistics

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

14. Resource planning and logistics

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

15. Assistive technology for ageing people (ubiquitous technologies)

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

16. Ethics and IT

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

17. Principles of management

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

18. Strategic management and leadership

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

19. Change management and stakeholder management

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20. IT risk management

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21. Financial management

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23. Process management

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24. Information management and knowledge management in patient care

6 Clinical Nursing

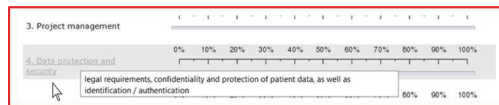
Area of Expertise: Clinical Nursing

Please mark the relevance of the following 24 competencies of nursing informatics for successfully managing the task profile of employees in clinical nursing (e.g. care planning, clinical reasoning).

You can vary the relevance of a single competence with the sliders from 0% "not relevant content" to 100% "very relevant content" for employees.

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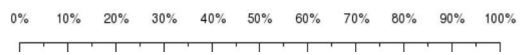
1. Principles of nursing informatics

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

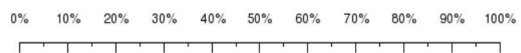
2. Applied computer science/informatics



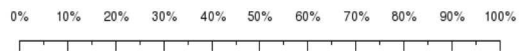
20. IT risk management



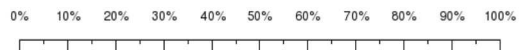
21. Financial management



22. Human resource management



23. Process management



24. Information management and
knowledge management in patient care



7 Endseite

Thank you for your participation!

In case of questions and comments please contact:

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