

# **Managing the clinical environment**

## **Assessing the educational needs of final year students at the University of Regensburg.**

Matthäus Zerditzki & Stephanie Keil  
Zentrum für Lehre  
**Faculty of Medicine**



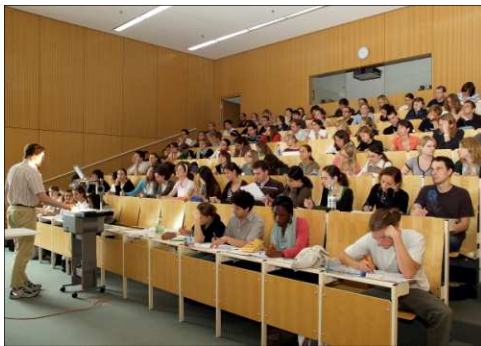
Universität Regensburg

# Background

## Contemporary medical education

### Scientific courses

- Preclinical courses
- Clinical courses



### Practical skills

- Internships
- Skills Lab



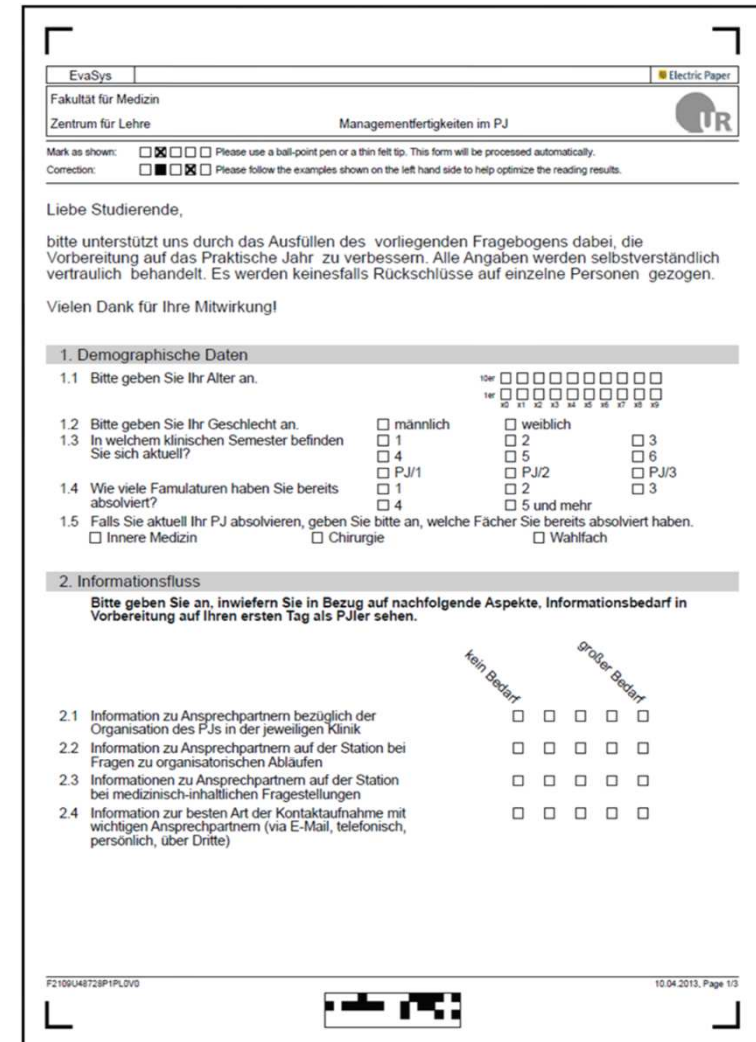
**Non-medical  
skills?**

# Methods and study population

## Research instrument

- literature based development of a questionnaire
- scales:
  - (1) flow of information (4 Items)
  - (2) Knowledge of data-processing (13 Items)
  - (3) ward knowledge (13 Items)
  - (4) self-assessment/general perception of students abilities (4 Items)

	n	years of training/ teaching
students	24	PJ1 = 11
		PJ3 = 13
doctors	20	1-2y = 9
		3-5y = 4
		5y+ = 7

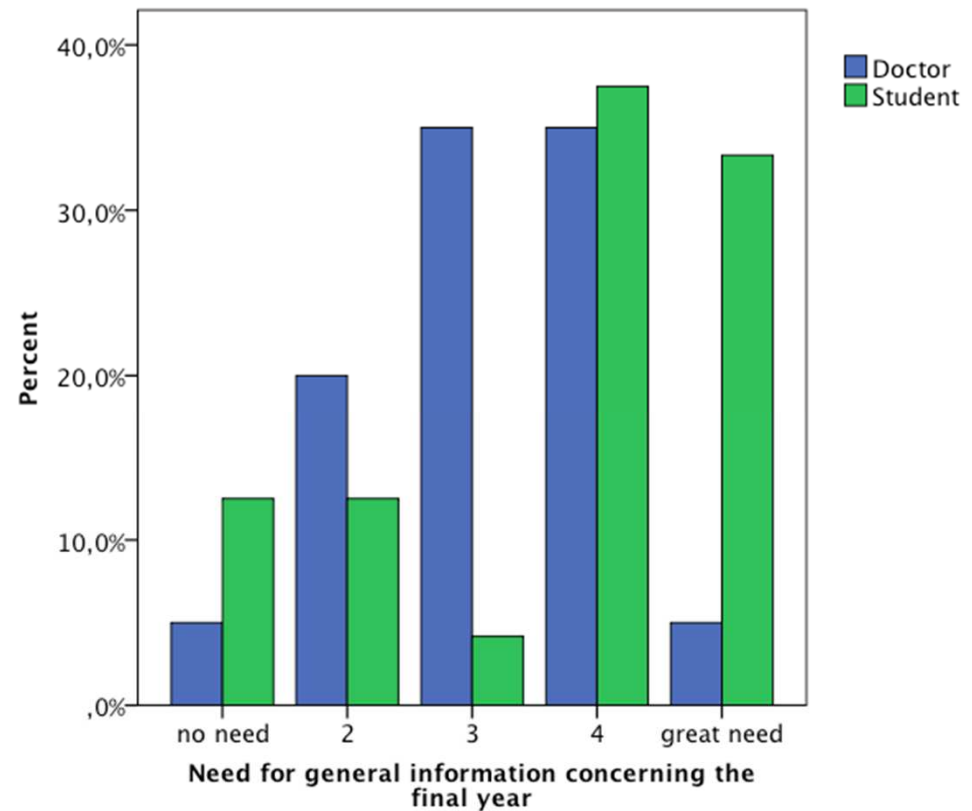


The screenshot shows a questionnaire form on the 'EvaSys' platform. The header includes 'Fakultät für Medizin' and 'Zentrum für Lehre'. The title of the questionnaire is 'Managementfertigkeiten im PJ'. There are instructions for marking and correction. The form is divided into two main sections: '1. Demographische Daten' and '2. Informationsfluss'. Section 1 includes questions about age, gender, current semester, and previous internships. Section 2 asks about the need for information in various areas related to the station and contact with supervisors. The form includes checkboxes and multiple-choice options.

# Results

## (1) Flow of information

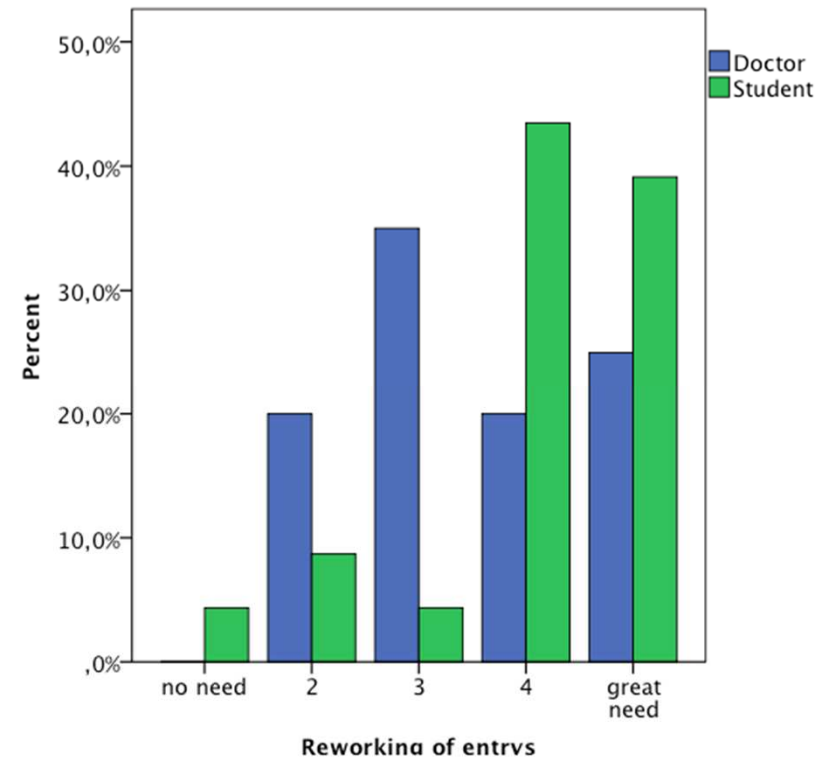
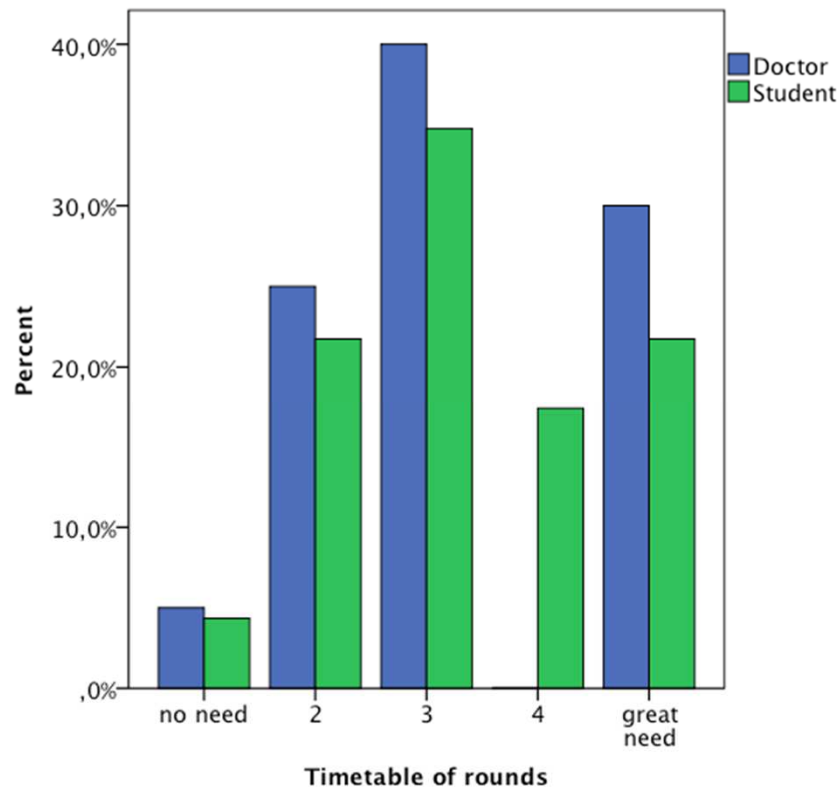
- Student feel a need for contact persons to get necessary information
- Doctors perceive current system as sufficient





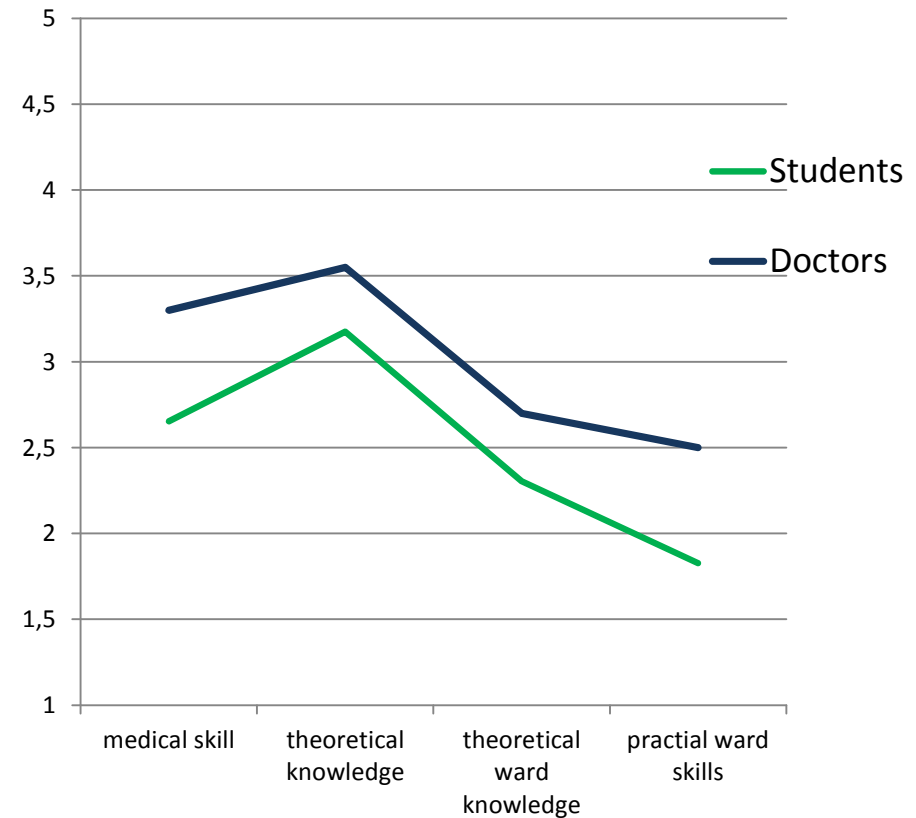
# Result (3) Ward-knowledge

Students and doctors agree on **most points**



## Result (4) Self assessment

- Students: feel not prepared at all
- Doctors: Good theoretical knowledge and medical skills but lack ward knowledge



# Discussion and Conclusion

	Student's perspective	Doctor's perspective
(1) Flow of information	Want more Information	No need
(2) Data processing skills	Think every item is important for them	Medical records and lab results
(3) Ward knowledge	Reworking of rounds and entrys	Good medical records and OR
(4) Self assessment	Insufficient theoretical knowledge	Lack of ward knowledge

**NO** need for Word/PP/ Excel...

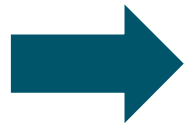
**Shortcomings**

- study population
- Local effect
- Subjective esp. Doctors questionnaire



## Practice Points

- Students want more ward knowledge **in advance**



Need for new course concept to prepare students for their final year in Regensburg



To confirm the results surveys at further university clinics and non-academic hospitals are needed



continuous evaluation of the new course model

**Thank you for the attention!**

