


„If I'm lucky, I'll be put through to the doctor “

Communication between pharmacist and physician

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Current situation

- 30% of the german population take over the counter drugs**
Bundesgesundheitsurvey 2003
- 20 - 25% hospital admissions due to side effects**
Polypharmazie Report HKK 2012
- One potentially serious drug interaction /day/ pharmacy**
Scharpf 2012 PZ

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Current situation

Country	Inhabitants/ pharmacy
Denmark	17.700
Netherlands	8.300
Slovenia	6.600
United Kingdom	4.600
Germany	3.900
Average EU	3.200
Belgium	2.100

ABDA-Statistik 2012; other countries- last year data according to ZAEU, SFK, IPU, OAK, AFP, SPA

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Current situation Germany

Pharmacists	48.422 (70.2% women)
Pharmacies	20.900
Physicians	138.472 (40% women)
GP	60.397 (39% women)

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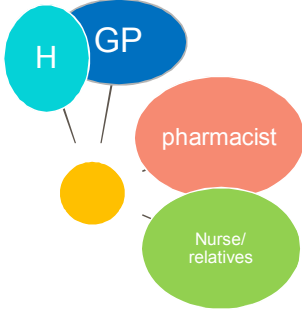
ABDA-Classifikationen

1. Contraindication	6 %
<small>Serious side effects documented</small>	
Simvastatin - Erythromycin	
2. Contraindication as a precaution	11%
<small>Serious side effects theoretically possible</small>	
<small>Levodopa- Metoclopramid</small>	
3. Monitoring or adjustment needed	46 %
4. In defined cases Monitoring or adjustment needed	4 %

ABDA-Datenbank (3/2012): 428.000 Interaktionen

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Who detects interactions?



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Cross sectional study

„How do pharmacists and doctors judge their interprofessional communication regarding potentially serious interactions?

„How do they judge a standardized communication tool, developed to improve their communication? “

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Developing communication tool

Developing questionnaire

Survey/ Interviews (qualitativ/quantitative)

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»Dringende Arztanfrage«

Formular zur Erfassung von Arzneimittelwechselwirkungen (AWI) mit Feldern für Patientendaten, Anamnese, Medikation, Wechselwirkungen und Rückmeldung des Arztes.

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Bitte umgehend an die Apotheke faxen.

Sample characteristics

Pharmacist (n=50)

Physicians (n= 300)

31% male
65% < 50 years
47% debit card (0-85%)

59% male
65% > 50 years
40% single-handed
57% use interaction software

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Pharmacists perspective

	Disagree	Agree
„Management of serious interactions is a relevant problem in daily practice“ (Physicians)	28/43%	72/56%
„Communication in case of serious interactions is usually uneventful/ without problems“	51,7% (n=15)	48,3% (n=14)

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Physicians perspective

	Disagree	Agree
„Pharmacies play in important role in the management of potentially serious interactions.“	44,1% (n=41)	54,8% (n=51)
„Communication with other physicians is usually uneventful.“	68,8% (n=64)	28,0% (n=26)
„Communication between pharmacy and medical practice is usually uneventful“	37,6% (n=35)	57,0% (n=53)

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Pharmacists perspective

I...	Never	2	3	4	5	Very often
... ask the patient to confer with his/her physician (before handing out the drug))	37,9%	34,5	6,9%	6,9%	6,9%	0%
..... ask the patient to confer with his/her physician (after handing out the drug))	58,6%	20,7	3,4%	6,9%	6,9%	0%
...make a individual recommendation	31,0%	31,0%	24,1%	0%	0%	3,4%
... confer with physician while patient is waiting	3,4%	3,4%	13,8%	3,4%	34,5%	41,4%

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Frequent problems

Pharmacists
 „Dr not available- one can not pass the doctors assistant “
 „Interaction is known by the physician- not clinical relevant“

Physicians
 Definition of serious interaction is relative“
 „Evaluation of interaction is incorrect“
 „They mostly contact us with bit and bops“

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In wie weit stimmen Sie den folgenden Aussagen zu?	disagree	agree	missing
„A standardized communication tool (i.e template) can improve communication between pharmacies and physicians .“	32/34%	65/56%	3/10%
„This tool can improve can improve communication between pharmacies and physicians .“	35/25%	65/67%	0/9%

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Thank you

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