

# Inter-professional student-run medication review program

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## Background

**10%** prescribing errors by junior doctors.

**60%** of students find medication reviewing difficult.



Inter-professional collaboration could aid prescribing and medication reviewing.

Students should learn and work together to increase competences in medication reviewing.

## Aim

We aim to assess the clinical, educational and inter-professional outcomes of our new medication review program within our student-run program.

## Methods

### Inter-professional student team



- ✓ Medical student
- ✓ Pharmacy student
- ✓ Physician assistant student

### Medication review program

#### 1. Medication interview

Thirty minutes geriatric patient interview on current use of medication and medication related problems.



#### 2. Medication review

With current patient drug charts, using a modified POM-method and START-STOP-criteria.



#### 3. Multidisciplinary meeting

Students pitch their medication advice and update electronic patient system.



#### 4. Follow-up meeting

Students explain medication changes and give patient instructions.



## THE STUDENT-RUN MEDICATION REVIEW PROGRAM

- gives medication advices that are directly incorporated in daily practice.
- offers students a first opportunity to work in an inter-professional manner.
- is an innovative healthcare improvement for (academic) hospitals.

## Results



31 students & 24 outpatient visits

155 medication orders reviewed



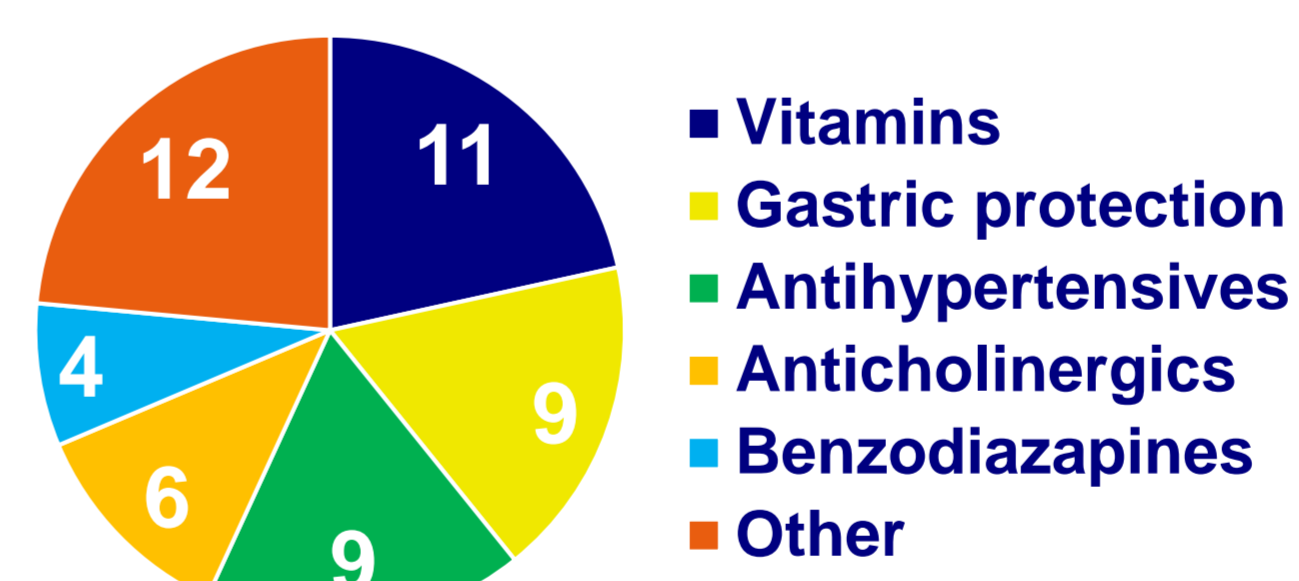
### Clinical results



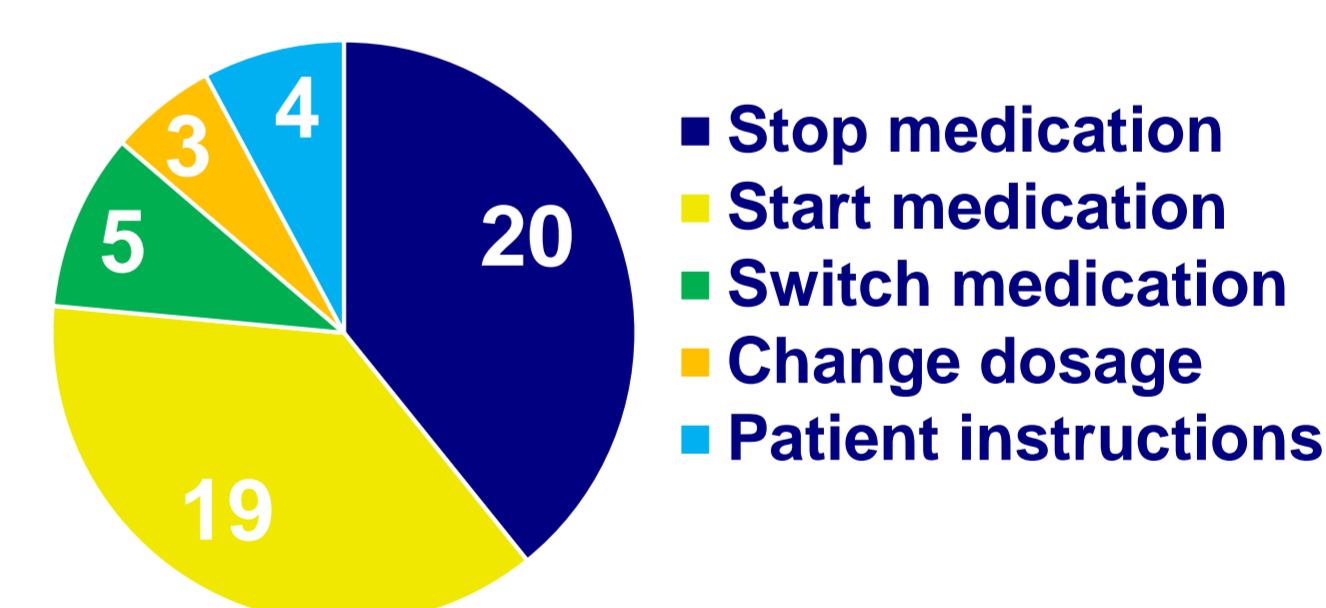
62 medication advices

51 advices applied in practice

### Medication involved in advice



### Type of advice



### Educational results



Project mark: 7,7 (1-10 min/max)

Educational value: 4,5 (1-5 min/max)

### Students remarks

*"I got insight into different perspectives and qualities of my colleagues"*

*"I was able to learn from a more experienced student"*

*"... contributed to inter-professional relationships"*

*"I never knew so much could be wrong with the medication in one patient!"*