Supplementary

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**Title:** Unintentional Medication Discrepancies at Admission Among Elderly Inpatients with Chronic Medical Conditions in Vietnam: A single-centre observational study

**Authors’ Information:**

Phuong Thi Xuan Dong\(^1,3\), Van Thi Thuy Pham\(^1,2\), Thao Thi Nguyen\(^1,2\), Huong Thi Lien Nguyen\(^1\), Susan Hua\(^3\) and Shu Chuen Li\(^3\)*

1Department of Clinical Pharmacy, Hanoi University of Pharmacy, Hanoi, Vietnam.

2Department of Pharmacy, Friendship Hospital, Hanoi, Vietnam.

3School of Biomedical Sciences and Pharmacy, Faculty of Health and Medicine, University of Newcastle, NSW, Australia.

*Address correspondence to: Professor Shu Chuen Li, School of Biomedical Science and Pharmacy, University of Newcastle, Callaghan, NSW, 2308, Australia.

Tel: (+061) 0249215921; Fax: (+061) 0249217903; Email: shuchuen.li@newcastle.edu.au
INTerview guide

Interviewing patients about their medications

Introduction

My name is…………. and I am one of the pharmacists in the hospital.

I would like to have a chat with you about your medicines. One of my jobs is to make sure we have a full list of all the medications you were taking at home. So I’d like to know what medications you take, how much you take and how often you take them.

1. Do you normally take medicines at home?

2. Do you know how many different medicines you are taking?

For each medication (question 3 – 5):

3. What is the name of the medication?

4. How strong is the medication? How much of that medication do you take at a time?

5. How many times a day do you take it?

6. Do you have any medicines at home that you only take when you need them (not everyday)?

7. Do you take any medicines not prescribed for you by your doctor?

8. What is the name of the medication?

9. How strong is the medication? How much of that medication do you take at a time?

10. How many times a day do you take it?

11. Have you ever had an allergic reaction to any medication? What happened?

12. Have you ever had a side effect from any medicine? What happened?
Supplementary file 2. Process of Medication Discrepancies Classification

Each identified medication discrepancy was assessed all aspects below to determine whether it was intentional or unintentional. The assessment was conducted by a physician and a research pharmacist for each medication discrepancy retrospectively.

| Checklist Items | Reasons | How to do |
|-----------------|---------|-----------|
| The rationale of the participants’ preadmission medication | To identify cases of medication discrepancies due to correct the inappropriateness of preadmission medication | Reviewing the appropriateness of the indications and dosages of the preadmission medication by using the product characteristics and the patient's current and existing medical conditions. |
| The availability of medication in Department of Pharmacy. | To identify cases of medication discrepancies due to the absence of similar active ingredients, strengths and dosage forms in the hospital formulary. | Talking to pharmacists working in supply section at the Department of Pharmacy. |
| Contraindications, warnings on preadmission medication. | To identify cases of medication omission due to the preadmission medication being contraindicated or not recommended for the patient's acute condition at admission. | Using the summary product characteristics, check the “contraindications” and “precautions” sections against the patient’s clinical and laboratory conditions to determine if the patient has a contraindication to the preadmission medication or not. |
| The ability to manage chronic disease of | To identify cases of medication discrepancies due to preadmission medications no | Considering the patient's causes of admission, clinical and laboratory symptoms (new diagnoses, new |
| preadmission medication | longer adequately manage the patient's chronic conditions. | laboratory values) to determine the likelihood of adequate chronic disease control with preadmission medication. |
|-------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------|
| The patient's tolerance to the preadmission medication | To identify cases of medication discrepancies due to the adverse drug reaction caused in the patient by preadmission medication. | Interviewing patients to explore possible drug-related ADEs with preadmission medication. Reviewing the medical history to determine the tolerability-related reason noted by the physician in the medical record. |