

## **Effect of community pharmacist education and training on medication dispensing and counseling**

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### **Abstract:**

#### **Background:**

There is a great deal of concern surrounding the dispensing practices; a majority of studies indicated that the risk of dispensing errors was increasing.

**Objectives:** To evaluate the effect of community pharmacist education and training on medication dispensing and counselling.

**Methods:** The data was collected by the researchers with a designed pretested interview questionnaire. Shadowing enabled the researcher to understand the user's perspective.

**Results:** Only 26% and 23% of the study participants had received training in the last three years. Only 3% of the participants work with supervision or help during their 8- to 12-hour shifts.

In total, 77% of the respondents agreed that clear self-checking routines were not implemented, and their main source of information was experience. 60% (n=167) of the respondents did not know the purpose of the specific medicine they had been prescribed. Only 16% of the participants received information regarding

their medications. All pharmacists dispensed thyroxin and multivitamins with iron- without a prescription or counselling.

**Conclusion:** The study highlighted the need to offer continuing medical training programmes for community pharmacists, focusing mainly on good dispensing practices and patient counselling.

### **Biography:**

Dr. Lina Eltaib is a dedicated, resourceful, and innovative educator and researcher, offering many years of well-honed teaching and research experience across the domain of pharmaceuticals, quality assurance systems, drug delivery and dosage form designing. Motivated and talented professional driven to inspire students to pursue academic and personal excellence. Strives to create a challenging and engaging learning environment in which students become life-long scholars and learners. Committed to cultivating student leadership. Possesses language proficiency in Arabic and English.

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