



جامعة بيروت العربية
BEIRUT ARAB UNIVERSITY

Lebanese Pharmacist Knowledge and Attitudes towards Complementary and Alternative Medicine

Date (dd /mm/ yy): ___/___/___

Subject ID: _____

Interview date:

Interview time:

Interviewer name:

District of the Pharmacy:

- Beirut
- South
- North
- Mount Lebanon
- Beqaa
- Nabatieh

Section A: Socio-demographics

Mark with an (X) for the suitable answer:

- Age range:
 - 20 – 30 years
 - 31 – 40 years
 - 41 – 50 years
 - Above 50 years

- Gender:
 - Male
 - Female

- Employment status
 - Full-time
 - Part-time

- Highest educational level attained:
 - Bachelors
 - Masters
 - Pharm D
 - Ph.D

- Which university did you graduate from: _____

- During your university education, did you receive any education/training on CAM-products?
 - Yes
 - No

- Did you receive any post graduate education/training on CAM-products?
 - Yes
 - No

- Years of work experience (in community pharmacy):
 - 1 – 3 years
 - 4 – 7 years
 - 8 – 10 years
 - Above 10 years

- How many pharmacists work in your pharmacy? _____
- How long has this pharmacy been opened for? _____

Section B: Pharmacist Attitudes/ (beliefs) Towards CAM products

Statement	5	4	3	2	1
CAM products are effective					
CAM products should be sold only in a pharmacies					
The use of CAM products should not be limited to patients who have failed traditional prescription therapy					
Providing information about CAM products is a pharmacist's professional responsibility					
Information resources on CAM products are available and easily accessible to the pharmacist					
Continuous education related to CAM products should be mandatory for pharmacists					
CAM products have less side effects than conventional medicines					
CAM products available in the Lebanese market are well standardized and of good quality					
The market for CAM products in Lebanon is well regulated					
Media plays a positive role in educating consumers about safe use of CAM products available in the Lebanese market					
*Scale of 1-5 (5 = strongly agree, 4 = agree, 3 = neutral, 2 = disagree, 1 = strongly disagree)					

Section C: Current practice of dispensing CAM products

This is a 5-scale question so mark with an (X) for the suitable answer:

1 (always), 2 (often), 3 (sometimes), 4 (rarely), and 5 (no)

1- Do you sell CAM products in your pharmacy?

1 2 3 4 5

2- Do you get inquiries from patients regarding the use of CAM products?

1 2 3 4 5

3- Do you advise patients on safe use of CAM products?

1 2 3 4 5

4- Do you ask your patient about their feedback after their use of CAM products?

1 2 3 4 5

5- Do you report any toxic or undesirable effect occurred with patients using CAM products?

1 2 3 4 5

6- If yes, to whom do you report_____

7- Do you get referrals from natural practitioners to your pharmacy?

1 2 3 4 5

8- Do you check for CAM product-drug interaction?

1 2 3 4 5

Sector D: Evaluation of knowledge related to CAM products

Statement	True	False	I don't know
Echinacea is commonly used for the treatment of cold & flu symptoms			
Echinacea can be used in patients with autoimmune disorders			
Ginseng may increase blood pressure			
Valerian should be used cautiously in patients using benzodiazepines			
Ginkgo can increase the risk of bleeding when combined with warfarin			
Ginkgo can be used to delay dementia			
Omega-3 is beneficial for patients suffering from cardiovascular disorders			
Omega-3 can be given safely to patient taking clopidogrel			
Vitamin B complex may delay wound healing			
Vitamin C when taken with Iron (Ferrous salt) increases its absorption			