

Knowledge questions	Before PI			After PI		
	T %	F %	U.K %	T %	F %	U.K %
1- Are you know the regimen of chemotherapy, before the treatment? (A) Yes? (B) No?	34	66	0	94	6	0
2- Do you recognise the names of the chemotherapy medications that use it? (A) Yes? (B) No?	20	80	0	62	38	0
3- Do you believe the chemotherapy leaking out of the blood vessels causes any harm to the nearby tissues? (A) Yes? (B) No? (C) I don't know?	28	26	46	84	2	14
4- What should you do if you experience nausea and vomiting while getting chemotherapy? (A) Eat frequent but smaller meals? (B) Avoid nasty smell, such as smoke or perfume? (C) Eat greasy food? (D) Take a deep breath slowly, while you felt like to vomit?	34	66		84	16	0
5- Do you believe that chemotherapy-related hair loss could be regrow? (A) Yes? (B) No? (C) I don't know?	92	0	8	100	0	0
6- If your temperature was above 38 C while receiving chemotherapy, what should you do? (A) Take antipyretic analgesics, such as aspirin? (B) Tell your doctors or nurse? (C) Don't take measures? (D) I don't know?	54	36	10	90	10	0
7- What should you do if during chemotherapy your white blood cell count decreased? (A) Don't contact with cold, flu, measles or the chicken pox patient? (B) Get vaccinated for influenzas and pneumonia? (C) Play in public places? (D) I don't know?	46	12	42	90	2	8
8- Which of the following was the low platelet phenomenon? (Can choose more) (A) Unexplained cyanosis of skin? (B) Gums and nose bleeding? (C) Nausea? (D) I don't know?	14	8	78	86	6	8
9- If your platelets decreased while receiving chemotherapy, what should you do? (A) Brush your teeth with a so bristle toothbrush? (B) Use dental floss? (C) Avoid injuries such as damage or burns? (D) I don't know?	12	2	86	88	0	12
10- If you developed an oral cavity ulcer while receiving chemotherapy, what should you do? (A) Eat hot food? (B) Eat warm food? (C) Eat spicy food? (D) I don't know?	70	6	24	100	0	0
11- When receiving chemotherapy, what should you do if a metal taste occurs in your mouth? (A) Eat frequent but smaller meals? (B) Brush teeth or rinses mouth before meals? (C) Eat with metal tableware? (D) I don't know?	50	14	36	80	14	6
12- When receiving chemotherapy, what should you do if you had diarrhea? (A) Drink milk? (B) Eat high-fiber food such as fresh fruit and vegetable? (C) Eat low-fiber food such as boiled egg, fish? (D) I don't know?	22	40	38	78	20	2
13- When receiving chemotherapy, what should you do if you had constipation? (A) Drink plenty of water? (B) Take laxative? (C) Lay on bed to rest? (D) I don't know?	40	36	24	92	6	2
14- During the chemotherapy, would you need to drink a lot of water? (A) Yes? (B) No? (C) I don't know?	48	28	24	98	2	0

T. True, F. False, U.K. Unknown, PI. Pharmaceutical intervention

**Table (3): Knowledge dimension pre and post-pharmaceutical intervention.**

**Table 4. Attitude dimension pre and post-pharmaceutical intervention.**

Attitude questions	PI	C.A%	A%	N%	DA%	CD %
15- What do you think of the idea that most adverse effects from chemotherapy will disappear after the treatment?	Before	30	56	12	2	0
	After	72	28	0	0	0
16- What do you think of the idea that nausea and vomiting brought on by chemotherapy can be avoided or reduced?	Before	4	56	28	12	0
	After	54	32	6	8	0
17- What is your opinion on the idea that self-care could help to reduce the side effects of chemotherapy?	Before	32	52	12	4	0
	After	50	46	2	2	0
18- What is your opinion on the idea that using analgesics to treat pain could lead to "addiction"?	Before	10	22	2	66	0
	After	28	38	22	12	0
19- Would you want to learn health education about chemotherapy?	Before	68	28	2	2	0
	After	80	20	0	0	0

PI. Pharmaceutical intervention, CA Completely agree, A. Agree, N. Neutral, DA Disagree, CD Completely disagree.

**Table (5): Practice domain pre- and post-pharmaceutical intervention**

Practice questions	Before PI			After PI		
	T %	F %	U.K %	T %	F %	U.K %
20- What action should you take if chemotherapy medication leaks out of the blood vessels? (A) Call the nurse immediately? (B) Slow infusion rate to continue to infuse? (C) No matter, do not pay attention? (D) I don't know?	82	14	4	94	4	2
21- Which of the following is not appropriate if hair loss was a side effect of chemotherapy? (A) Use a mild shampoo? (B) Wear a hat to prevent sunburn? (C) Perm the hair to be curly? (D) I don't know?	12	22	66	82	10	8
22- If you felt tired while receiving chemotherapy, what should you do? (A) Lie on the bed to rest continuously? (B) Save energy, combine work with adequate rest? (C) don't take work? (D) I don't know?	26	58	16	56	42	2
23- On medical advice, would you arrive back at the hospital in time for the chemotherapy? (A) Yes? (B) No? (C) I don't know?	100	0	0	100	0	0

T. True, F. False, U.K. Unknown, PI. Pharmaceutical intervention

*Copyright (c) 2024 Karrar H. AlKashaf & Samer I. Mohammed*