



## **Title:**

# **Competences in Oncology Clinical Trials for nurses: a twenty year practice perspective.**

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**Abstract:** Clinical trials in nursing have special requests that need attention and specific training. From a clinical training perspective, they provide us with an extensive experience along with theoretical knowledge. In order to achieve the competences that will allow us to become experts, we need to combine the experience in the academic and clinical field.

We gathered a team of experts (three nurses, two pharmacists, one physician) with clinical experience as well as an extensive trajectory as college professors in order to define several competences (general, specific, and some of them particularly designed) to be applied in a nurse study in an Oncology Clinical Trial.

We named and classified these competences in several categories such as: to know the competence, to know how to design the competence and to know how to perform such competence.

To describe the competences of a study nurse, we must point out that study nurses take place in a multidisciplinary team, working with proper and delegated tasks. They do not just provide nursing care such as vital signs registration and administration of the prescribed medication. Along with that, they provide health education and assessment on treatment adherence. They are also responsible for the performance of complementary techniques including: providing assistance with the quality of life questionnaire-completion, EKG recording and blood extraction (that will be necessary to determine the phase I-II kinetics, pharmacogenomics, circulating tumor cells and basic blood work). They should also be ready to respond to adverse events and reactions coming from the prescribed treatments.

Related to the above mentioned skills, it is important to know not only how to perform these techniques correctly, but to know why as well as the way how to approach the patient's needs.

## **Biography**

Julio-Cesar de la Torre-Montero, *Ph.D, MsN, CNS, BsN, RN* (Salamanca University, Complutense University of Madrid, Spain).

Since 2014, he teaches Oncologic Nursing Care and Palliative Care along with Ethic and Research Methodology at Comillas Pontifical University. Before starting his full-time teaching in college, he worked at Hospital Clínico San Carlos in Madrid, Spain, being an active researcher in clinical trials. His clinical experience in the onco-haematological field spans over more than twenty years. In Europe, he has worked in primary care, implementing health education programs (*Skeletal Care Academy*) for patients, in order to improve their quality of life and to promote a healthy lifestyle. Overseas, he has designed and implemented Health Programs in Africa.

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Session name/ number:

Category: (Oral presentation/ or workshop)